



# HANSA FLEX

Pneumatic Products





## Hose Replacement Service – 24h hour rapid response

Our 280 service vans from the hydraulic emergency service are always just a call away. Whether on the construction site, during the harvest or in industrial applications: in case of a machine failure the job is carried out on site – and around the clock.

Tel. 24/7: 0800 77 12345 (Int. +49 421 9897 7690)



## Industrial Service – maintain and optimise

Your machines must be running, around the clock. Preventative maintenance of the HANSA-FLEX Industrial Services helps you to save money and guarantees maximum machine uptime. We will advise you from the selection of the right hydraulic components to the optimisation of your plant and machinery.

[www.hansa-flex.com/en/industrial\\_service](http://www.hansa-flex.com/en/industrial_service)



## Power Unit Construction – engineering from the specialist

Units are the heart of any hydraulic system. In order to produce a state of the art power unit a high degree of engineering skill is required. The HANSA-FLEX power unit construction offers all services as a single source: from planning, design to installation and commissioning at the customer site.

[www.hansa-flex.com/en/unit\\_manufacture](http://www.hansa-flex.com/en/unit_manufacture)



## Online Shop – 24/7 convenient shopping

In our online shop you will find the same variety and quality of products that our customers have been used to for over 50 years: from hydraulic hoses and hose fittings to couplings, ball valves and cylinders – “everything from a single source.”

[www.hansa-flex.com/en/shop](http://www.hansa-flex.com/en/shop)



## X-CODE – hose management

Our customer portal My.HANSA-FLEX offers the perfect solution for preventative maintenance. Users can see the technical data of a hose line at a glance: Manufacturing date, period of use, proposed replacement date, as well as machine and location. Thus, inspection and maintenance intervals can be planned well ahead.

[www.hansa-flex.com/en/hose\\_line\\_management](http://www.hansa-flex.com/en/hose_line_management)



## HANSA-FLEX – always close to our customers

Through our tight-knit network of branches we are always close to our customers. At each of our 400 locations we offer the complete range of hydraulics: from the standard replacement of a hose line to powerful hydraulic cylinders – personal, fast and reliable.

[www.hansa-flex.com/en/subsidiaries](http://www.hansa-flex.com/en/subsidiaries)

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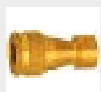
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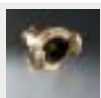


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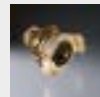
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















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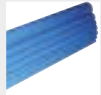
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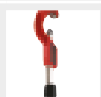
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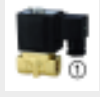
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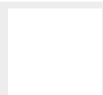
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## 10. Vacuum technology

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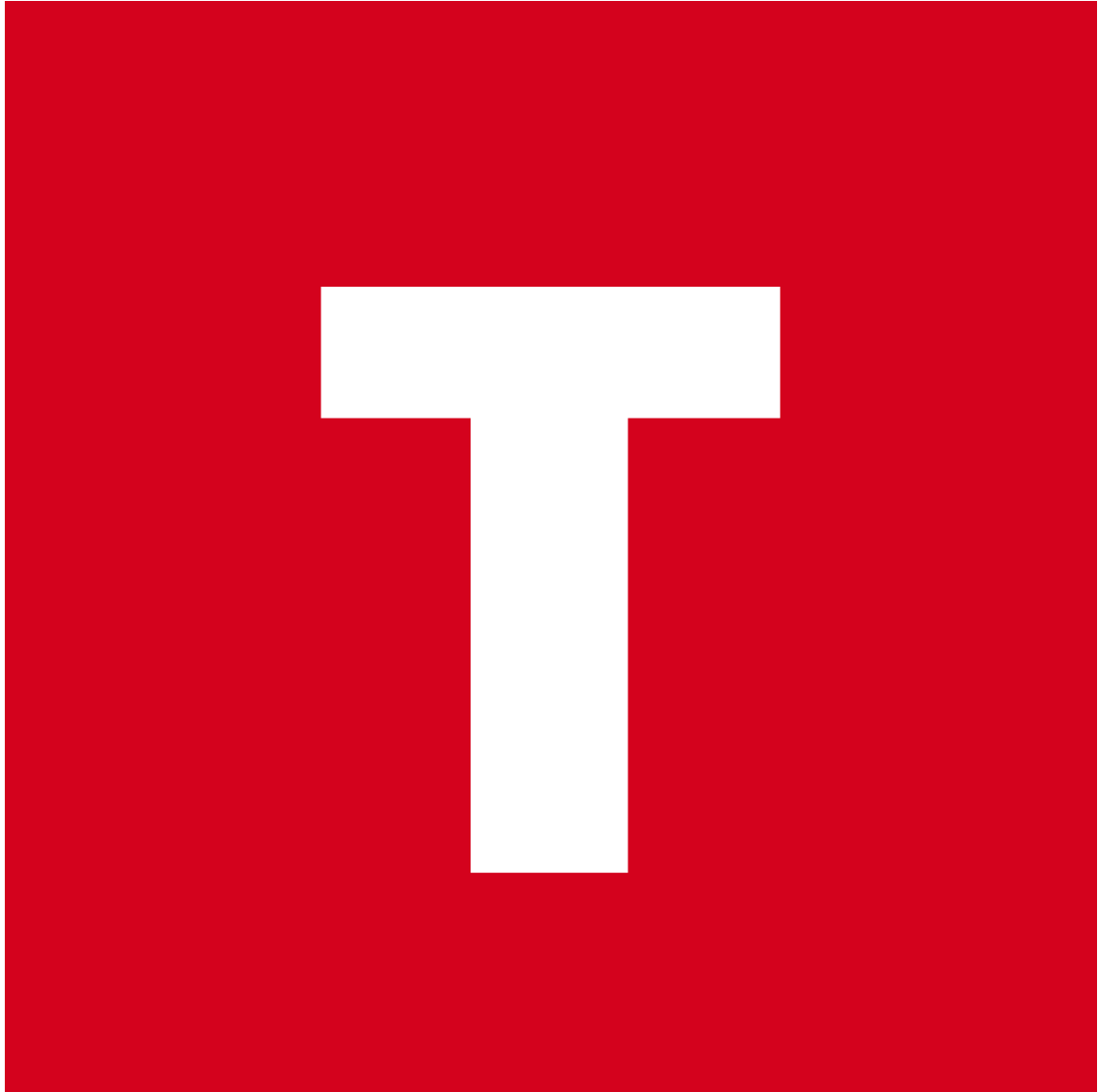


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## Technical Information

## CONVERSION TABLE FOR UNITS OF PRESSURE

	bar	mbar	Pa (N/m <sup>2</sup> )	kPa (kN/m <sup>2</sup> )	Torr mmHg (0 °C)	mWs (4 °C)	at kp/cm <sup>2</sup>	inch Hg (0 °C)	inch H <sub>2</sub> O (4 °C)	PSI lb/inch <sup>2</sup>	atm
bar	1	1000	100000	100	750.062	10.1972	1.01972	29.53	401.463	14.5038	0.986923
mbar	0.001	1	100	0.1	0.750062	0.0101972	0.00101972	0.02953	0.401463	0.014504	0.000986923
Pa (N/m <sup>2</sup> )	0.00001	0.01	1	0.001	0.007501		1.01972 x 10 <sup>-5</sup>	0.0002953	0.004015	0.000145038	9.86923 x 10 <sup>6</sup>
kPa (kN/m <sup>2</sup> )	0.01	10	1000	1	7.501	0.10197	0.010197	0.2953	4.015	0.145038	0.00986923
Torr mmHg (0 °C)	0.00133322	1.33322	133.322	0.133322	1	0.0135951	0.00135951	0.03937	0.53524	0.019337	0.00131579
mWs (4 °C)	0.098067	98.0665	9806.65	9.80665	73.5559	1	0.1	2.8959	39.3701	1.42233	0.096784
at kp/cm <sup>2</sup>	0.980665	980.665	98066.5	98.0665	735.559	10	1	28.959	393.701	14.2233	0.967841
inch Hg (0 °C)	0.033864	33.8639	3386	3.386	25.4	0.345316	0.034532	1	13.5951	0.491154	0.033421
inch H <sub>2</sub> O (4 °C)	0.00249089	2.49089	249.089	0.249089	1.86832	0.0254	0.00254	0.073556	1	0.03613	0.002458
PSI lb/inch <sup>2</sup>	0.06895	68.9476	6894.76	6.89476	51.7149	0.70307	0.070307	2.03602	27.68	1	0.068046
atm	1.01325	1013.25	101325	101.325	760	10.3323	1.03323	29.921	406.78	14.6959	1

## CONVERSION TABLE FOR TEMPERATURES

Fahrenheit [°F]	Celsius [°C]	Fahrenheit [°F]	Celsius [°C]	Fahrenheit [°F]	Celsius [°C]
-40	-40	40	4.4	125	51.7
-35	-37.2	45	7.2	130	54.4
-30	-34.4	50	10.0	135	57.2
-25	-31.7	55	12.8	140	60.0
-20	-28.9	60	15.6	145	62.8
-15	-26.1	65	18.3	150	65.6
-10	-23.3	70	21.1	155	68.3
-5	-20.6	75	23.9	160	71.1
0	-17.8	80	26.7	165	73.9
5	-15.01	85	29.4	170	76.7
10	-12.2	90	32.2	175	79.4
15	-9.4	95	35.0	180	82.2
20	-6.7	100	37.8	185	85.0
25	-3.9	105	40.6	190	87.8
30	-1.1	110	43.3	195	90.6
32	0	115	46.1	200	93.3
35	1.7	120	48.9		

## THREADS AND THEIR DIMENSIONS

### Thread ISO 228

Whitworth pipe thread BSP (British Standard Pipe)

Pipe threads where pressure-tight joints are not made on the threads (cylindrical)

Designation	Diameter	Diameter External	Diameter Nut:	Diameter Core hole	Threads per inch	Pitch
	[Inch]	mm	mm	mm		
G 1/8"	1/8	9.73	8.85	8.80	28	0.907
G 1/4"	1/4	13.16	11.89	11.80	19	1.337
G 3/8"	3/8	16.66	15.39	15.25	19	1.337
G 1/2"	1/2	20.95	19.17	19.00	14	1.814
G 5/8"	5/8	22.91	21.13	21.00	14	1.814
G 3/4"	3/4	26.44	24.66	24.50	14	1.814
G 1"	1	33.25	30.93	30.75	11	2.309
G 1 1/4"	1 1/4	41.91	39.59	39.25	11	2.309
G 1 1/2"	1 1/2	47.8	45.48	45.25	11	2.309
G 2"	2	59.61	57.29	57.00	11	2.309
G 2 1/2"	2 1/2	75.18	72.86	72.60	11	2.309
G 3"	3	87.88	85.56	85.30	11	2.309
G 3 1/2"	3 1/2	100.33	98.01	97.70	11	2.309
G 4"	4	113.03	110.71	110.40	11	2.309

### Thread ISO 7/1

Whitworth tapered pipe thread BSPT (British Standard Pipe Tapered)

Cylindrical internal thread and conical (cone 1:16) external thread

Designation External	Designation Internal	Nominal diameter	Diameter External	Diameter Core hole	Threads per inch	Pitch
		mm	mm	mm		mm
R 1/8"	Rp 1/8"	6	9.728	8.566	28	0.907
R 1/4"	Rp 1/4"	8	13.157	11.445	19	1.337
R 3/8"	Rp 3/8"	10	16.662	14.95	19	1.337
R 1/2"	Rp 1/2"	15	20.995	18.631	14	1.814
R 3/4"	Rp 3/4"	20	26.441	24.117	14	1.814
R 1"	Rp 1"	25	33.249	30.291	11	2.309
R 1 1/4"	Rp 1 1/4"	32	41.91	38.952	11	2.309
R 1 1/2"	Rp 1 1/2"	40	47.803	44.845	11	2.309
R 2"	Rp 2"	50	59.614	56.656	11	2.309
R 2 1/2"	Rp 2 1/2"	65	75.184	72.226	11	2.309
R 3"	Rp 3"	80	87.884	84.926	11	2.309
R 4"	Rp 4"	100	113.03	110.072	11	2.309

## SEAL MATERIALS

Acronym	Description	Registered trademark	Application	Temperature	Item groups
NBR	Acrylonitrile-butadiene rubber	Perbunan®	In hydraulics and pneumatics, resistant to hydraulic oils, water-glycol mixtures and oil-in-water emulsions, mineral oils and mineral oil products, animal and plant oils, petrol, heating oil, water up to approx. 70 °C, air up to 80 °C	-30 °C to +80 °C	Maintenance units Cylinders and control valves Fittings / connectors
FKM FPM	Fluoro rubber Fluorocarbon rubber	Viton®	FPM provides excellent resistance to high temperatures, ozone, oxygen, mineral oils, synthetic hydraulic liquids, fuels, aromatics, many organic solvents and chemicals. The material's gas permeability is low and similar to that of butyl rubber.	-25 °C to +200 °C	Valves and isolation fittings Couplings Fittings / connectors Cylinders and control valves
EPDM	Ethylene-propylene diene monomer rubber		Steam up to 200 °C, hot water, air up to 150 °C, dilute acids, not resistant to mineral oil products	+200 °C	Non-return valves (Please enquire) Couplings (Please enquire)
CR	Polychloroprene rubber, chlorinated rubber	Neoprene®	Resistant to silicone oils and greases, refrigerants, better ozone resistance, weather resistance and aging resistance compared to NBR	-40 °C to +100 °C	Solenoid valves
PTFE	Polytetrafluoroethylene	Teflon®	Resistant to almost all organic and inorganic chemicals (except elemental fluorine under pressure or at high temperatures, fluoro-halogen compounds and alkali metal fusions). - Excellent anti-adhesive behaviour - No water absorption (< 0.01 %) - Low thermal conductivity	-200 °C to +260 °C	Valves and isolation fittings

## MATERIALS AND THEIR FIELDS OF USE

Stainless steel			
Materials	Chemical designation	AISI	Applications
1.4301	X5CrNi18-10	AISI 304	Apparatus and components for the chemical industry, textile industry, cellulose production, dye works and in the photographic, paint, artificial resin and rubber industries
1.4305	X10CrNiS18-9	AISI 303	Turned parts for the food and dairy industries, photographic, paint, oil, soap, paper and textile industries
1.4401	X5CrNiMo17-12-2	AISI 316	Parts and apparatus in the cellulose, rayon, textile, oil and artificial silk industries, dairies, breweries
1.4404	X2CrNiMo17-12-2	AISI 316 L	Parts and apparatus in the cellulose, rayon, textile, oil and artificial silk industries, dairies, breweries. Use as casting material for precision cast fittings
1.4408	G-X6CrNiMo18-10	Similar to AISI 316	Material for precision cast fittings
1.4571	X6CrNiMoTi17-12-2	AISI 316Ti	Apparatus and components for the chemical industry, textile industry, cellulose production, dye works and in the photographic, paint, artificial resin and rubber industries
Brass			
Material	Chemical designation	Applications	
2.0331	CuZn39Pb2	<ul style="list-style-type: none"> <li>Sanitary valves, fittings, bolts, nuts</li> <li>Drop-forged parts, stampings, gear wheels, gear racks</li> <li>Parts for security locks in vehicles, keys</li> <li>Clock housings, clock mechanisms, spring housings, date rings</li> <li>Screw terminals</li> <li>Perforated plates (for the paper industry)</li> <li>Signs, metal letters, rivet parts</li> </ul>	

## AIR TREATMENT / FILTERING

Compressed air should always be clean enough to ensure that it causes no malfunctions and **no damage** to the components. Dirt causes higher wear and detrimentally affects the service life of the pneumatic elements. Any filter in the system will create a flow resistance, therefore, on economic grounds, the **filtration efficiency** should be matched to the **requirements of the application** – the air should be as clean as necessary.

ISO 8573-1 defines **different purity classes** to allow a consistent assessment of cleaning efficiency to be made. Different requirements apply to the quality of compressed air, depending on the needs of the application. The quality classes should therefore include the following information as per the ordered list below:

1. Quality class for particles
2. Quality class for water
3. Quality class for total oil (droplets, aerosols, vapours)

Class	Solids	Water content	Oil content
	Max. particle size [µm]	Pressure dew point [°C]	Max. oil concentration [mg/m <sup>3</sup> ]
1	0.1	-70	0.01
2	1	-40	0.1
3	5	-20	1
4	15	+3	5
5	40	+7	25

## VACUUM

Vacuum is expressed in relation to absolute pressure (absolute zero point).

Designation: - value (negative pressure value) in per cent (%) in the range of 0...1 bar absolute pressure

### APPLICATION IN THE FIELD OF COARSE OR OPERATIVE VACUUM AT HANSA-FLEX

**Vacuum expressed as a relative value** in relation to **average atmospheric ambient pressure** (approx. 1000 mbar). The vacuum value has a **preceding negative sign**, because the **atmospheric ambient pressure** is taken as the **zero point**. This means that the **lowest possible value** is -1 bar or 100 % vacuum.

Unit	Levels of vacuum			
	Coarse vacuum	Fine vacuum	High vacuum	Ultra-high vacuum
mbar	10 <sup>3</sup> to 1	1 to 10 <sup>-3</sup>	10 <sup>-3</sup> to 10 <sup>-7</sup>	< 10 <sup>-7</sup>

# SOLENOID VALVES

Solenoid valves 2/2-3/2-way directional media valves and their methods of actuation:

Directly actuated valve	
Description	Intrinsic features
In a directly actuated valve, the plunger is mechanically connected to the seal assembly and forms a force-transmitting unit. The solenoid, which acts directly on the plunger, actuates the sealing element on the underside of the plunger directly. The valve's operation is not affected by the pipe pressure or the flow rate, and the valve functions from zero to a maximum permitted rated pressure.	<ul style="list-style-type: none"> <li>• Only small nominal sizes – low flows in pipes</li> <li>• High pressures</li> <li>• Liquid and gaseous media as detailed in the specifications</li> <li>• Switches without a differential pressure</li> <li>• Used under coarse vacuum</li> </ul>

Pilot-operated valve	
Description	Intrinsic features
This valve has a pilot valve and a throttle bore. It uses the pipe pressure in order to function. When the solenoid is energised, the pilot valve opens and the pressure on the valve piston or the diaphragm on the exit side of the valve reduces. The resulting pressure difference causes the pipe pressure to raise the piston or the diaphragm from the valve seat and the valve opens. When the solenoid is de-energised, the pilot valve opening closes and the pipe pressure is able to build up again through the orifice on the piston or diaphragm, and the required force is applied to close the valve.	<ul style="list-style-type: none"> <li>• Larger nominal sizes</li> <li>• Higher pressures can be switched with relatively small magnetic forces</li> <li>• Liquid and gaseous media as detailed in the specifications</li> <li>• Switching is possible only at the minimum pilot pressure (see the "Minimum pressure" given in the catalogue)</li> <li>• For larger nominal sizes, the switchable pressures reduce (see the "Highest pressure" given in the catalogue)</li> </ul>

Force pilot-operated valve	
Description	Intrinsic features
This form of actuation combines the advantages of servo-assistance with the principle of direct actuation. With force pilot-operated valves, the plunger and seal are mechanically connected. The opening process can begin without a pressure difference. As this process of movement continues, the pilot pressure supports the opening process through the additional pilot bore. The valve works from 0 bar to the maximum permissible pressure.	<ul style="list-style-type: none"> <li>• Larger nominal sizes</li> <li>• Switching is possible without a minimum pilot pressure</li> <li>• Liquid and gaseous media as detailed in the specifications</li> <li>• For larger nominal sizes, the switchable pressures reduce (see the "Highest pressure" given in the catalogue)</li> </ul>

# CYLINDER FORCES

Cylinder forces in double-acting cylinders:

Pressure/force tables

Piston force [daN]; 1 daN (10N) = approx. 1 kg

Ø Piston [mm]	Ø Rod [mm]	Piston area [cm <sup>2</sup> ]		Pilot pressure [bar]															
				2		3		4		5		6		7		8			
		Push	Pull	Push	Pull	Push	Pull	Push	Pull	Push	Pull	Push	Pull	Push	Pull	Push	Pull		
8	4	0.5	0.38	1	0.8	1.5	1.1	2	1.5	2.5	1.9	3	2.3	3.5	2.6	4	3		
10	4	0.79	0.66	1.6	1.3	2.4	2	3.1	2.6	3.9	3.3	4.7	4	5.5	4.6	6.3	5.3		
12	6	1.13	0.85	2.3	1.7	3.4	2.5	4.5	3.4	5.7	4.2	6.8	5.1	7.9	5.9	9	6.8		
16	6	2.01	1.73	4	3.5	6	5.2	8	6.9	10.1	8.6	12.1	10.4	14.1	12.1	16.1	13.8		
16	8	2.01	1.51	4	3	6	4.5	8	6	10.1	7.5	12.1	9	14.1	10.6	16.1	12.1		
20	8	3.14	2.64	6.3	5.3	9.4	7.9	12.6	10.6	15.7	13.2	18.8	15.8	22	18.5	25.1	21.1		
20	10	3.14	2.36	6.3	4.7	9.4	7.1	12.6	9.4	15.7	11.8	18.8	14.1	22	16.5	25.1	18.8		
25	8	4.91	4.41	9.8	8.8	14.7	13.2	19.6	17.6	24.5	22	29.5	26.4	34.4	30.8	39.3	35.2		
25	10	4.91	4.12	9.8	8.2	14.7	12.4	19.6	16.5	24.5	20.6	29.5	24.7	34.4	28.9	39.3	33		
32	12	8.04	6.91	16.1	13.8	24.1	20.7	32.2	27.6	40.2	34.6	48.3	41.5	56.3	48.4	64.3	55.3		
40	12	12.57	11.44	25.1	22.9	37.7	34.3	50.3	45.7	62.8	57.2	75.4	68.6	88	80	100.5	91.5		
40	16	12.57	10.56	25.1	21.1	37.7	31.7	50.3	42.2	62.8	52.8	75.4	63.3	88	73.9	100.5	84.4		
50	16	19.63	17.62	39.3	35.2	58.9	52.9	78.5	70.5	98.2	88.1	117.8	105.7	137.4	123.4	157.1	141		
50	20	19.63	16.49	39.3	33	58.9	49.5	78.5	66	98.2	82.5	117.8	99	137.4	115.5	157.1	131.9		
63	16	31.17	29.16	62.3	58.3	93.5	87.5	124.7	116.6	155.9	145.8	187	175	218.2	204.1	249.4	233.3		
63	20	31.17	28.03	62.3	56.1	93.5	84.1	124.7	112.1	155.9	140.2	187	168.2	218.2	196.2	249.4	224.2		
80	20	50.27	47.12	100.5	94.2	150.8	141.4	201.1	188.5	251.3	235.6	301.6	282.7	351.9	329.9	402.1	377		
80	25	50.27	45.36	100.5	90.7	150.8	136.1	201.1	181.4	251.3	226.8	301.6	272.1	351.9	317.5	402.1	362.9		
100	25	78.54	73.63	157.1	147.3	235.6	220.9	314.2	294.5	392.7	368.2	471.2	441.8	549.8	515.4	628.3	589		
125	32	122.72	114.68	245.4	229.4	368.2	344	490.9	458.7	613.6	573.4	736.3	688.1	859	802.7	981.7	917.4		
160	40	201.06	188.5	402.1	377	603.2	565.5	804.2	754	1005	942.5	1206	1131	1407	1320	1609	1508		
200	40	314.06	301.59	628.3	603.2	942.5	904.8	1257	1206	1571	1508	1885	1810	2199	2111	2513	2413		

Cylinder forces in single-acting cylinders:

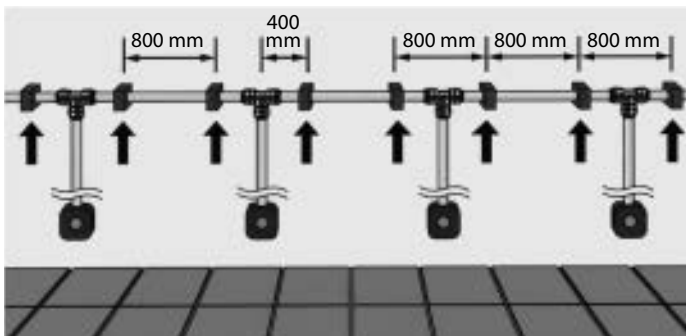
Single-acting short stroke cylinder			
Diameter [mm]	Block force of spring N	Max. stroke [mm]	Force with destressed spring N
12	6	25	1.5
16	7	25	3
20	12	25	4
25	14	25	5
32	33	50	6
40	45	50	15
50	70	50	20
63	81	50	25

Single-acting cylinder in accordance with ISO L76432			
Diameter [mm]	Block force of spring N	Max. stroke [mm]	Force with destressed spring N
8	3	50	1
10	5	50	1
12	7	50	3
16	20	50	5
20	22	50	12
25	28	50	17

## COMPRESSED AIR PIPEWORK SYSTEM

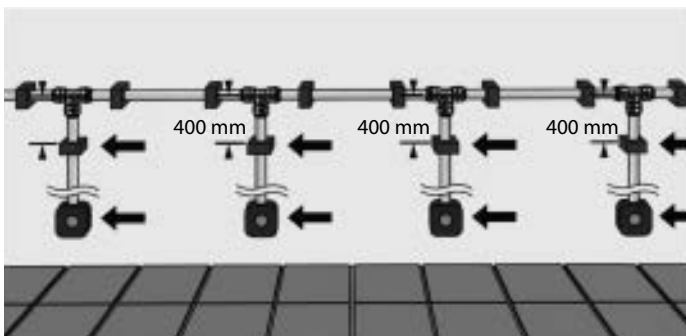
### IMPORTANT INSTALLATION INSTRUCTIONS

If the system has vertical branch pipes along a wall, it is advisable first to attach the wall brackets only on the pipes running horizontally and then pressurise the installation.



Phase 1: System not under pressure

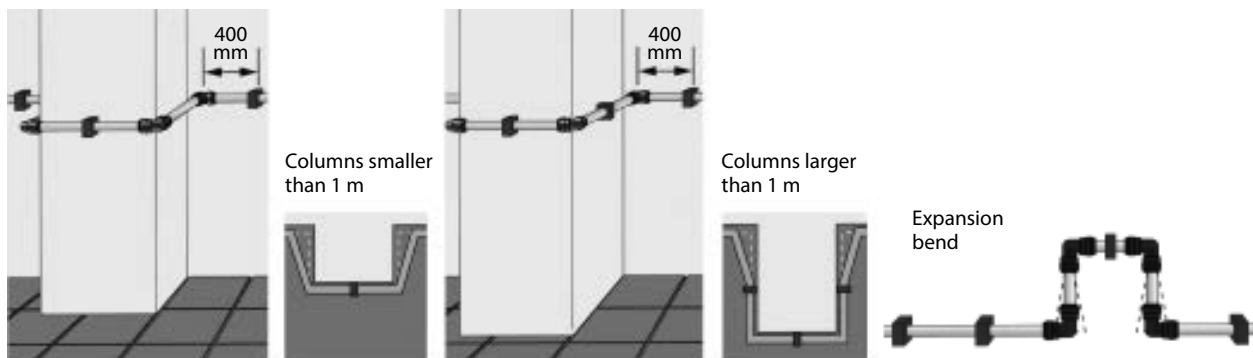
After this, the other wall brackets and the pressurised air points of use (air distribution box) can be fastened in place.



Phase 2: Fastening in place of the pipes under pressure



If the pipework extends over a long distance, it is recommended that an expansion bend be provided every 25 metres. Placement around a column requires an adequate distance between the wall and the distribution pipework. This is likewise resolved by installing an expansion bend.



Compressed air pipelines should always incorporate a water separator (swan neck bend).

## IMPORTANT INSTALLATION INSTRUCTIONS

The user-friendly design of the compressed air pipework system allows it to be installed or removed without any tools at all. As well as the time saved, this can also result in up to 50 % cost savings.

The following points should be observed to ensure a safe and trouble-free installation:

- The pipe clamps must be fitted in such a way that there is still enough play to allow the pipe to be displaced.
- To avoid damage to the O-rings in the connectors, it is also important to check that the pipe ends are free of burrs.
- We always recommend chamfering the pipes to reduce the insertion forces.
- To ensure the pipe ends meet at the best angle (90°), they should always be cut using a pipe-cutter.
- To prevent pressure losses in the system, the installer must ensure that the pipes are fully inserted into the connectors (look for the marking on the connector).
- We recommend keeping the pipework about 30 mm from the wall where the compressed air pipework system passes around a column to allow for the extension in length of the pipes and connectors.
- For installations with several vertical pipes, we recommend that the pipe clamps on the horizontal pipework are fitted first, then the system be placed under pressure. Only then should the vertical pipe clamps and connectors be installed. This ensures that the vertical pipes will remain vertical after the installation is complete.
- If the compressed air system does not incorporate an air dryer, we recommend the use of our T connector with an integrated water separator. This allows the condensate to be collected at a specific point.

## CALCULATION OF THE LONGITUDINAL EXPANSION OF POLYAMIDE PIPES\*

To avoid any undesirable bending of pipes and connections, an accurate calculation of thermal expansion of the compressed air pipework must be performed before the system is installed.

The plastic pipes change in length by approx. 0.2 mm/°C per metre.

The following factors relating to the longitudinal expansion of polyamide pipes must be taken into account:

	Factor
PA-12 pipe (soft)	1.5
PA-12 pipe (medium)	1.3
PA-12 pipe (hard)	1.0

Specific coefficient of longitudinal expansion of polyamide =  $10^{-4}/^{\circ}\text{C}$

The following formula must be used to calculate the longitudinal expansion:

$$\begin{aligned} & \text{Factor (PA pipe)} \\ & \times \text{ specific coefficient of longitudinal expansion (} 10^{-4}/^{\circ}\text{C)} \\ & \times \text{ pipe length (L)} \\ & \times \text{ temperature difference (T)} \\ & = \text{ change in length L} \end{aligned}$$

### Example calculation:

A 150 metre long compressed air pipe (hard polyamide pipe) installed in a factory building in which the ambient temperature varies between +15 °C to + 40 °C (T is therefore +25 °C) expands as follows:

$$\text{Change in length L} = 1.0 \times 10^{-4}/^{\circ}\text{C} \times 150 \text{ m} \times 25 \text{ }^{\circ}\text{C}$$

$$\text{Change in length L} = 0.375 \text{ m}$$

\* The examples and tables given here are intended for information only and do not replace the design of a compressed air system by an appropriately qualified engineer.

## EXAMPLE OF A PIPEWORK CALCULATION \*

### COMPRESSED AIR DISTRIBUTION SYSTEM WITH RING MAIN

The calculation for the ring main is based on half the nominal length of the complete pipework system and the full compressed air requirement. For example: compressed air requirement 1000 l/min, operating pressure 7 bar, complete pipework length would be 300 m as a ring main, therefore the length for calculation purposes would be 150 m.

### COMPRESSED AIR DISTRIBUTION SYSTEM WITH BRANCH PIPE

The calculation for the branch pipe is based on the full nominal length of the complete pipework system and the full compressed air requirement. For example: compressed air requirement 750 l/min, operating pressure 7 bar, and the complete pipework length would be 50 m.

\* The examples and tables given here are intended for information only and do not replace the design of a compressed air system by an appropriately qualified engineer.

A = pipe length of the ring main in m  
 B = delivery capacity of the compressor in l/min

A \ B	25	50	100	150	200	250	300
200	12	12	12	15	15	15	18
400	12	12	15	15	15	18	18
500	15	15	15	18	18	18	18
750	15	15	18	18	18	22	22
1000	15	15	18	18	22	22	22
1500	18	18	18	22	22	22	22
2000	18	18	22	22	22	28	28
3000	22	22	28	28	28	28	28
4000	28	28	28	28	28	28	28

In calculating the lengths of pipe required for the main, supply and branch pipework, we recommend that the supply system is designed as a ring main. This allows the sizes to be calculated based on only half the quantity of air delivered and half the pipework length.

## EQUIVALENT PIPEWORK LENGTH OF FITTINGS (PER ITEM)

ØE in mm	12	15	18	22	28
ØI in mm	9	12	14	18	23
Elbow	0.6 m	0.7 m	1.0 m	1.3 m	1.5 m
T piece	0.7 m	0.85 m	1.0 m	1.5 m	2.0 m
Reducer piece	0.3 m	0.4 m	0.45 m	0.5 m	0.6 m

These values must be added to the actual pipe lengths to arrive at the length in terms of hydraulic flowL.

## FLOW RATES FOR PA AND ALUMINIUM PIPES

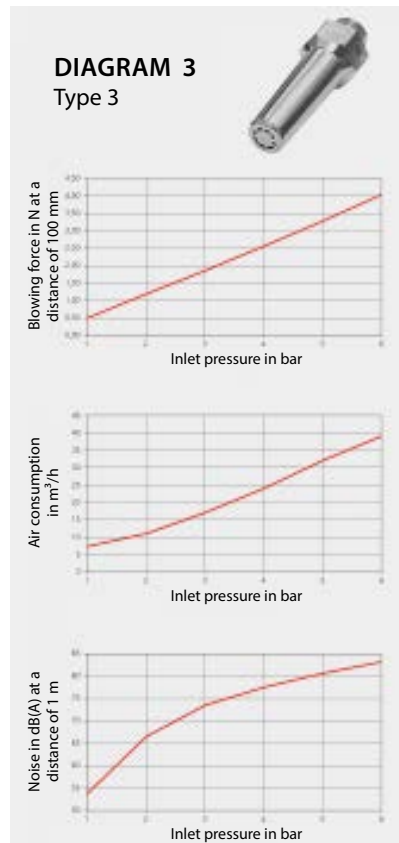
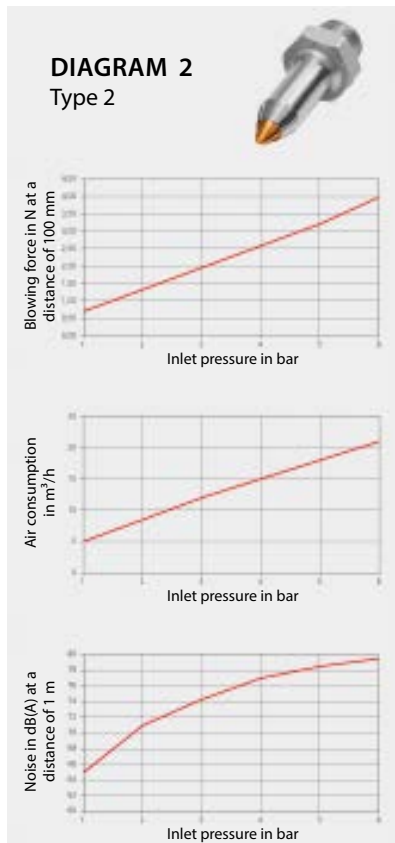
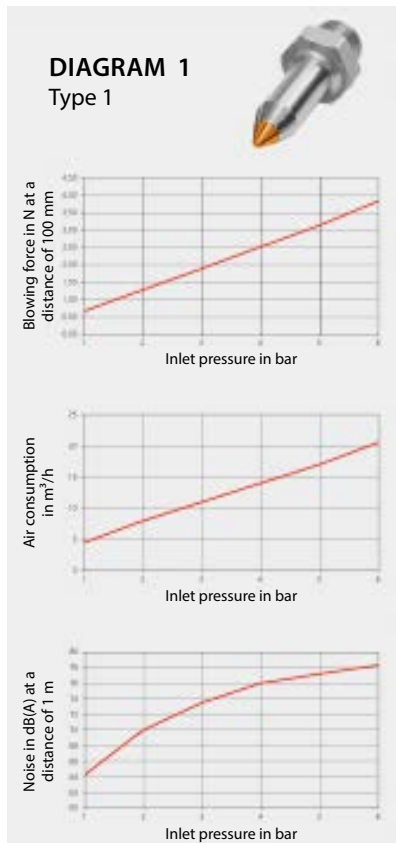
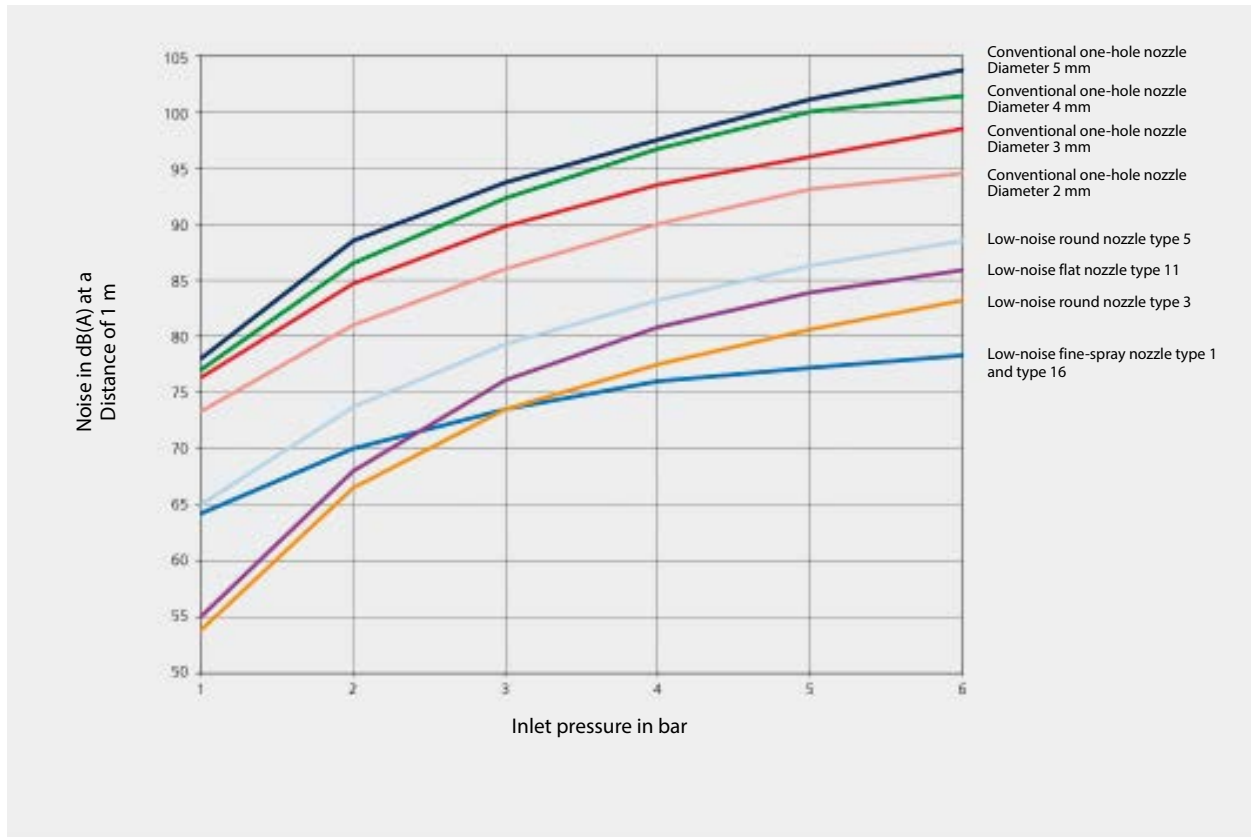
Pipe Ø in mm	PA pipe	PA pipe	Aluminium pipe	Aluminium pipe
	Main pipe	Branch pipe	Main pipe	Branch pipe
	6 m/sec. at 8 bar in l/min	15 m/sec. at 8 bar in l/min	6 m/sec. at 8 bar in l/min	15 m/sec. at 8 bar in l/min
12	205	515	–	–
15	365	916	430	1004
18	498	1248	650	1548
22	823	2057	1018	2442
28	1344	3367	1720	4160

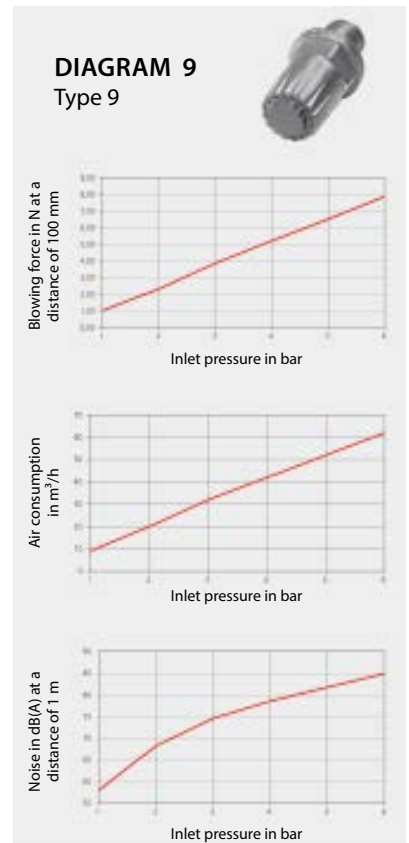
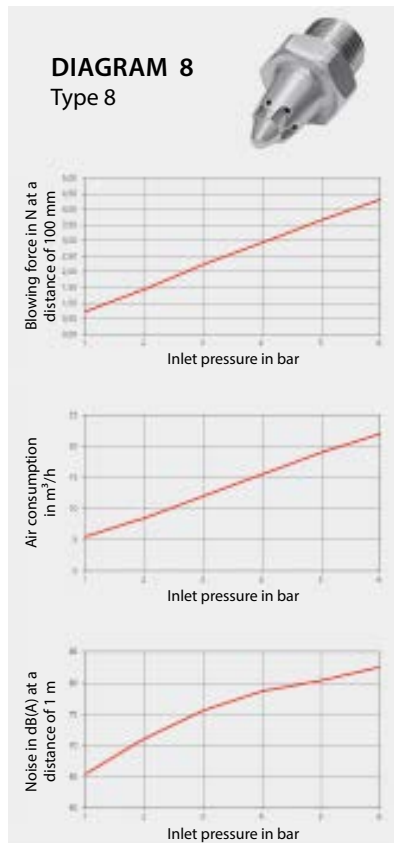
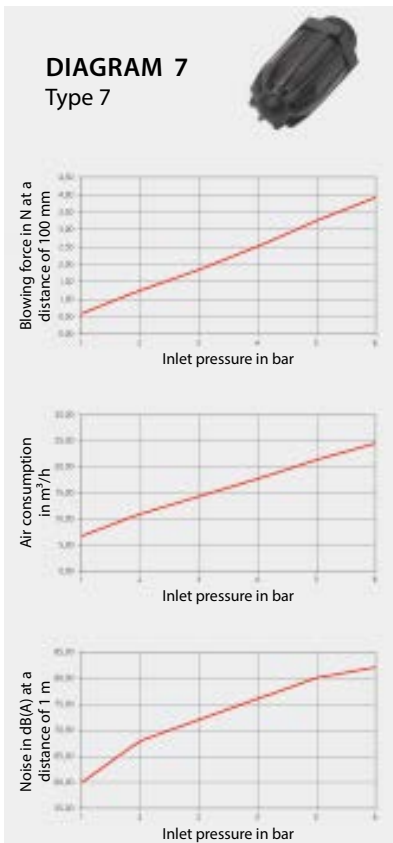
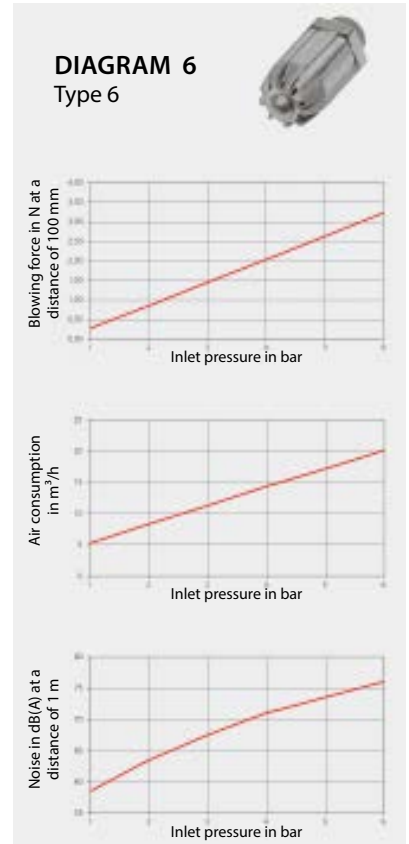
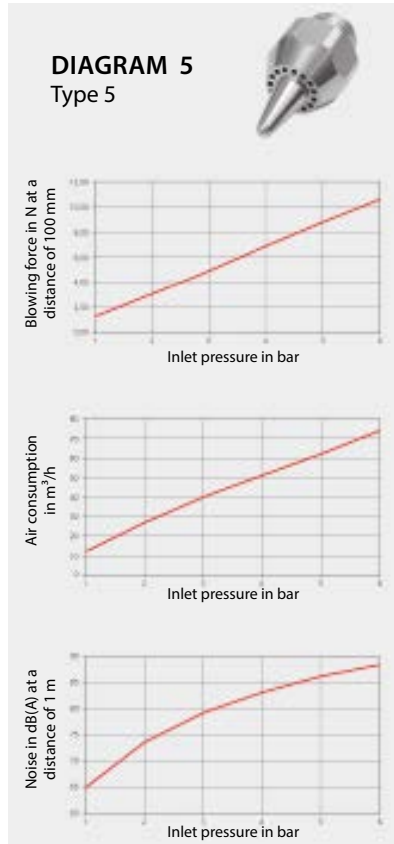
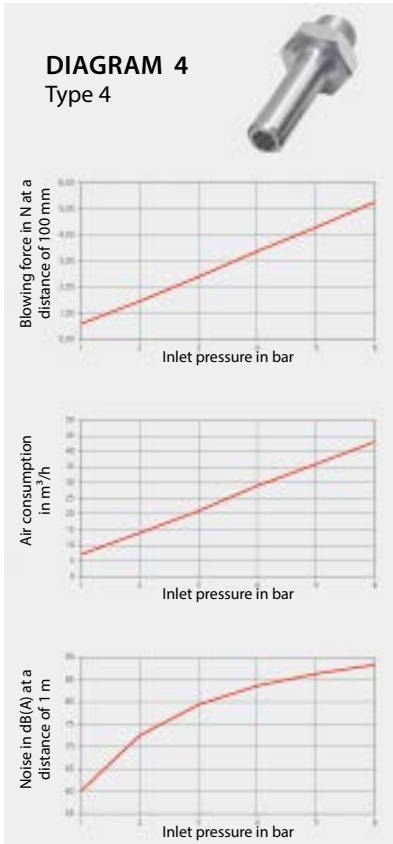
The values given for the flow in the main pipe can be changed for flow in each direction.

# NOISE TABLE FOR SAFTEY NOZZLES

## COMPARED TO STANDARD ONE-HOLE TYPES

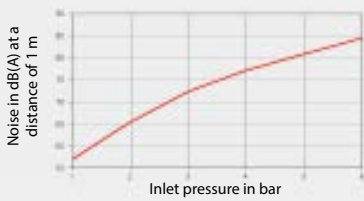
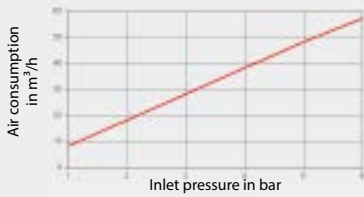
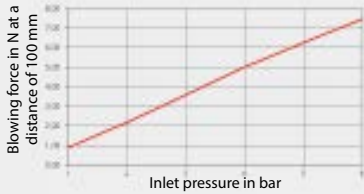
T



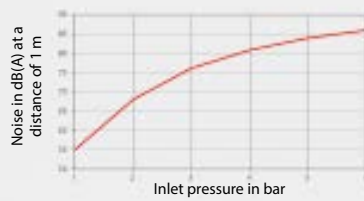
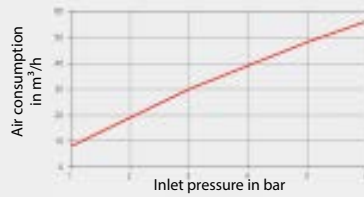
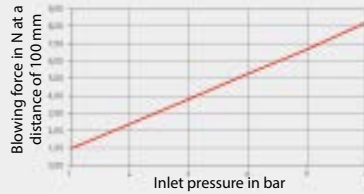


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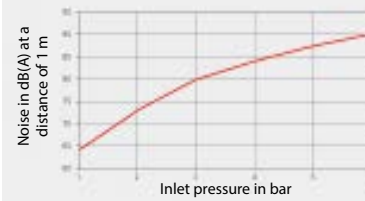
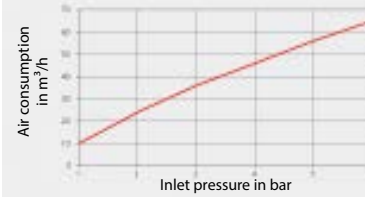
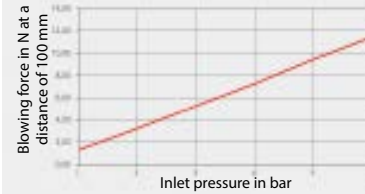
**DIAGRAM 10**  
Type 10



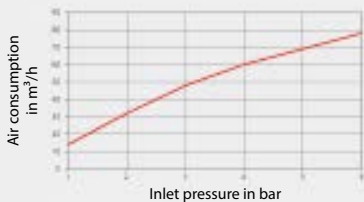
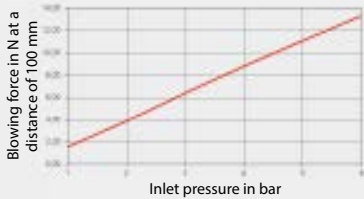
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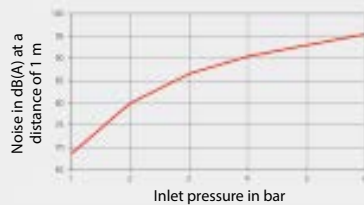
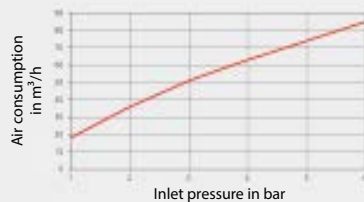
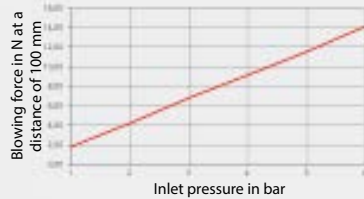
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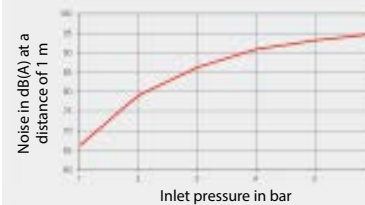
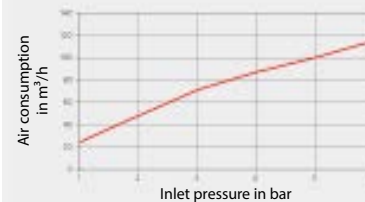
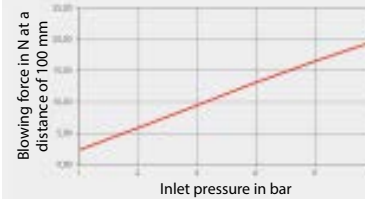
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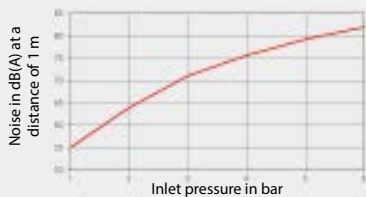
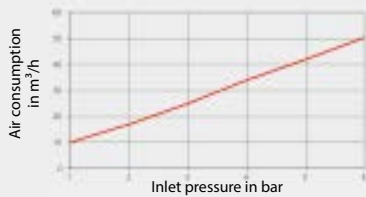
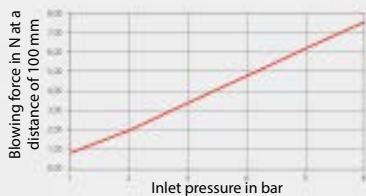
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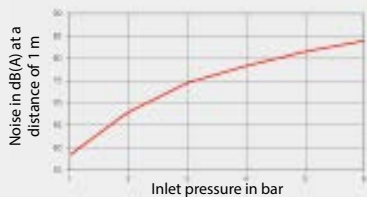
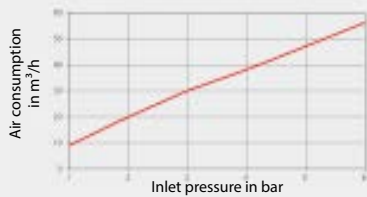
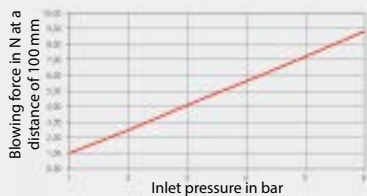
**DIAGRAM 15**  
Type 15



**DIAGRAM 16**  
Type 16



**DIAGRAM 17**  
Type 17





## Hoses and accessories



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**K-SPIR SCHL****Spiral hose, without fittings**

These hoses allow gaseous and liquid media to flow safely and efficiently (Air, gases, oils, greases, fuels, organic and inorganic substances). Thanks to their small coil diameter, they are compact, easy to handle and lightweight. Very good recoil force owing to the use of nylon 12 (PA).

**Applications:** Air, gases, oils, greases, fuels, organic and inorganic substances

**Operating temperature:** -40 °C to +100 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Ø spiral external	coils	Max. working pressure resistance at 23°C		max. working length
	mm	mm	mm		bar	m	
K-07 10 07 51	3,1	4,7	38	144	22		10,0
K-07 10 07 52	4,8	6,3	75	140	16		22,5
K-07 10 07 53	6,3	7,9	75	135	13		22,5
K-07 10 07 49	7,9	9,5	115	90	12		22,5
K-07 10 07 50	9,5	11,8	140	70	11		22,5

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHL>

**Accessories:**

**K-DREHBARE VERSCHR KNICK** - Swivel adapters with kink protector

**K-STARRE VERSCHRAUBUNG** - Rigid adapters with kink protector

**K-SPIR SCHL B DREH VERSCHRAU****Spiral hose, with swivel adapter fitted at both ends and kink protector**

These hoses allow gaseous and liquid media to flow safely and efficiently (Air, gases, oils, greases, fuels, organic and inorganic substances). Thanks to their small coil diameter, they are compact, easy to handle and lightweight. Very good recoil force owing to the use of nylon 12 (PA).

**Applications:** Air, gases, oils, greases, fuels, organic and inorganic substances

**Operating temperature:** -40 °C to +100 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Thread	Ø spiral external	coils	Max. working pressure resistance at 23°C		max. working length
	mm	mm		mm		bar	m	
K-07 10 07 34	3,1	4,7	R 1/8	38	36	22		2,5
K-07 10 07 35	3,1	4,7	R 1/8	38	72	22		5,0
K-07 10 07 36	3,1	4,7	R 1/8	38	108	22		7,5
K-07 10 07 37	4,8	6,3	R 1/4	75	15	16		2,5
K-07 10 07 38	4,8	6,3	R 1/4	75	30	16		5,0
K-07 10 07 39	4,8	6,3	R 1/4	75	45	16		7,5
K-07 10 07 40	6,3	7,9	R 1/4	75	15	13		2,5
K-07 10 07 41	6,3	7,9	R 1/4	75	30	13		5,0
K-07 10 07 42	6,3	7,9	R 1/4	75	45	13		7,5
K-07 10 07 28	7,9	9,5	R 1/4	115	10	12		2,5
K-07 10 07 29	7,9	9,5	R 1/4	115	20	12		5,0
K-07 10 07 30	7,9	9,5	R 1/4	115	30	12		7,5
K-07 10 07 31	9,5	11,8	R 3/8	140	8	11		2,5
K-07 10 07 32	9,5	11,8	R 3/8	140	15	11		5,0
K-07 10 07 33	9,5	11,8	R 3/8	140	23	11		7,5

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLBDREHVERSCHRAU>

**Accessories:**

**K-DREHBARE VERSCHR KNICK** - Swivel adapters with kink protector

**K-STARRE VERSCHRAUBUNG** - Rigid adapters with kink protector

**K-SPIR SCHL KUPPL SET STANDARD****Spiral hose and coupling kit with standard coupling**

These hoses allow gaseous and liquid media to flow safely and efficiently (Air, gases, oils, greases, fuels, organic and inorganic substances). Thanks to their small coil diameter, they are compact, easy to handle and lightweight. Very good recoil force owing to the use of nylon 12 (PA).

**Applications:** Air, gases, oils, greases, fuels, organic and inorganic substances

**Operating temperature:** -40 °C to +100 °C



**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Ø spiral external	coils	Max. working pressure resistance at 23°C		max. working length
	mm	mm	mm		bar	m	
K-07 10 12 95	6,3	7,9	75	15	13	2,5	2,5
K-07 10 12 96	6,3	7,9	75	30	13	5,0	5,0
K-07 10 12 97	6,3	7,9	75	45	13	7,5	7,5
K-07 10 12 65	7,9	9,5	115	10	12	2,5	2,5
K-07 10 12 66	7,9	9,5	115	20	12	5,0	5,0
K-07 10 12 67	7,9	9,5	115	30	12	7,5	7,5
K-07 10 12 68	9,5	11,8	140	8	11	2,5	2,5
K-07 10 12 69	9,5	11,8	140	15	11	5,0	5,0
K-07 10 12 70	9,5	11,8	140	23	11	7,5	7,5

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLKUPPLSETSTANDARD>

**Accessories:**

**K-DREHBARE VERSCHR KNICK** - Swivel adapters with kink protector

**K-STARRE VERSCHRAUBUNG** - Rigid adapters with kink protector

**K-SPIR SCHL DREH VERSCHRAU****Spiral hose, with swivel adapter and kink protector**

Standard type or with braided reinforcements for high pressures. These exceptionally elastic polyurethane hoses boast a recoil force similar to that of conventional nylon spiral hose, but with less tendency to loop and significantly better resistance to abrasion. There is consequently less danger of scratching coated or sensitive surfaces. The hose is extremely flexible and non-kinking.

**Operating temperature:** -40 °C to +74 °C



**Note:** Further information on request

Identification	Thread	Ø hose internal	Ø hose external	Ø external coil	Max. working pressure resistance at 23°C		max. working length
		mm	mm	mm	bar	m	
K-07 10 07 19	G 1/4	5,0	8,0	40	10	3,0	3,0
K-07 10 07 20	G 1/4	5,0	8,0	40	10	6,0	6,0
K-07 10 07 21	G 1/4	5,0	8,0	40	10	7,5	7,5
K-07 10 07 22	G 1/4	6,3	9,5	60	10	3,0	3,0
K-07 10 07 23	G 1/4	6,3	9,5	60	10	6,0	6,0
K-07 10 07 24	G 1/4	6,3	9,5	60	10	7,5	7,5
K-07 10 12 77	G 1/4	6,3	9,5	60	10	10,0	10,0
K-07 10 07 25	G 3/8	8,0	12,0	80	9	3,0	3,0
K-07 10 07 26	G 3/8	8,0	12,0	80	9	6,0	6,0
K-07 10 07 27	G 3/8	8,0	12,0	80	9	7,5	7,5
K-07 10 12 86	G 3/8	8,0	12,0	80	9	10,0	10,0

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLDREHVERSCHRAU>

**Accessories:**

**K-DREHBARE VERSCHRAUBUNG** - Swivel adapters

**K-SPIR SCHL KUPPL SET STAND MS****Spiral hose and coupling kit with standard coupling and push-in plug, bare brass**

Standard type or with braided reinforcements for high pressures. These exceptionally elastic polyurethane hoses boast a recoil force similar to that of conventional nylon spiral hose, but with less tendency to loop and significantly better resistance to abrasion. There is consequently less danger of scratching coated or sensitive surfaces. The hose is extremely flexible and non-kinking.

**Pneumatic Type:** connection nipples and coupling NW 7,2  
**Operating temperature:** -40 °C to +74 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Ø external coil	Max. working pressure resistance at 23°C		max. working length
	mm	mm	mm	bar	m	
K-07 10 12 72	5,0	8,0	40	10	3,0	
K-07 10 12 74	5,0	8,0	40	10	6,0	
K-07 10 12 76	5,0	8,0	40	10	7,5	
K-07 10 12 81	6,3	9,5	60	10	3,0	
K-07 10 12 83	6,3	9,5	60	10	6,0	
K-07 10 12 85	6,3	9,5	60	10	7,5	
K-07 10 12 79	6,3	9,5	60	10	10,0	
K-07 10 12 90	8,0	12,0	80	9	3,0	
K-07 10 12 92	8,0	12,0	80	9	6,0	
K-07 10 12 94	8,0	12,0	80	9	7,5	
K-07 10 12 88	8,0	12,0	80	9	10,0	

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLKUPPLSETSTANDMS>

**Accessories:**

**K-DREHBARE VERSCHRAUBUNG** - Swivel adapters

**K-SPIR SCHL KUPPL SET LKM NW 7,4****Spiral hose and coupling kit with pushbutton-type safety coupling (DN 7.4) and push-in plug, galvanised steel**

Standard type or with braided reinforcements for high pressures. These exceptionally elastic polyurethane hoses boast a recoil force similar to that of conventional nylon spiral hose, but with less tendency to loop and significantly better resistance to abrasion. There is consequently less danger of scratching coated or sensitive surfaces. The hose is extremely flexible and non-kinking.

**Pneumatic Type:** with pushbutton safety coupling NW 7,4 steel nipple galvanised  
**Operating temperature:** -40 °C to +74 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Ø external coil	Max. working pressure resistance at 23°C		max. working length
	mm	mm	mm	bar	m	
K-07 10 12 71	5,0	8,0	40	10	3,0	
K-07 10 12 73	5,0	8,0	40	10	6,0	
K-07 10 12 75	5,0	8,0	40	10	7,5	
K-07 10 12 80	6,3	9,5	60	10	3,0	
K-07 10 12 82	6,3	9,5	60	10	6,0	
K-07 10 12 84	6,3	9,5	60	10	7,5	
K-07 10 12 78	6,3	9,5	60	10	10,0	
K-07 10 12 89	8,0	12,0	80	9	3,0	
K-07 10 12 91	8,0	12,0	80	9	6,0	
K-07 10 12 93	8,0	12,0	80	9	7,5	
K-07 10 12 87	8,0	12,0	80	9	10,0	

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLKUPPLSETLKMNW74>

**Accessories:**

**K-DREHBARE VERSCHRAUBUNG** - Swivel adapters

**K-SPIR SCHL DREH VERSCHRAU V****Spiral hose, with swivel adapter and kink protector, braided**

Standard type or with braided reinforcements for high pressures. These exceptionally elastic polyurethane hoses boast a recoil force similar to that of conventional nylon spiral hose, but with less tendency to loop and significantly better resistance to abrasion. There is consequently less danger of scratching coated or sensitive surfaces. The hose is extremely flexible and non-kinking.

**Pneumatic Type:** with kink protector, swivel type  
**Operating temperature:** -40 °C to +74 °C



**Note:** Further information on request

Identification	Thread	Ø hose internal	Ø hose external	Ø external coil	Max. working pressure resistance at 23°C	max. working length
		mm	mm	mm	bar	m
K- 07 10 07 43	G 1/4	6,3	9,5	42	14	3,0
K- 07 10 07 44	G 1/4	6,3	9,5	42	14	6,0
K- 07 10 07 45	G 1/4	6,3	9,5	42	14	7,5
K- 07 10 07 46	G 3/8	8,0	12,0	55	14	3,0
K- 07 10 07 47	G 3/8	8,0	12,0	55	14	6,0
K- 07 10 07 48	G 3/8	8,0	12,0	55	14	7,5

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLDREHVERSCHRAUV>

**Accessories:**

**K-DREHBARE VERSCHRAUBUNG** - Swivel adapters

**K-SPIR SCHL KUPPL SET****Spiral hose and coupling kits**

For pneumatic applications in challenging industrial environments. High-quality, one-hand quick disconnect coupling made of steel with safety lock to prevent unintentional disconnection. For complex applications susceptible to severe mechanical wear. The outer layer of the hose, which is designed to withstand flying sparks and scorching, has special spark protection. It is therefore ideal for all pneumatic tools used in welding processes.

**Operating pressure:** max. 10 bar (to the temperature +20 °C); max. 7 bar (at temperature +40 °C); max. 5 bar (at temperature +60 °C)

**Coupling:** High quality hand quick release coupling of steel for high flow rates, For demanding applications with high mechanical wear

**Spiral hose:** Polyurethane

**Note:** Further information on request



Identification	Hose size	Ø spiral	Service length
		mm	m
K- 07 10 07 56	10 mm x 6,5 mm	52	4,0
K- 07 10 07 57	10 mm x 6,5 mm	52	6,0
K- 07 10 07 58	12 mm x 8 mm	65	8,0

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLKUPPLSET>

**K-SPIR SCHL KUPPL SET SVKM****Spiral hose and coupling kits, with quick disconnect couplings DN 7.6**

Couplings: High-grade single-handed quick-release coupling and safety coupling in steel / brass zinc-plated for high flow rates, specially designed for all applications with high mechanical wear. Strong, impact- and vibration-resistant construction for challenging applications. Polyurethane hose Exceedingly flexible, extremely kink-resistant and tolerant of dirt spiral hose with high resilience under tear, tensile and impact loads with a long service life and outstanding ageing qualities. It is also UV resistant and has outstanding abrasion resistance.

**Operating pressure:** 10 bar

**Media temperature:** -20 °C to +60 °C

**Note:** Further information on request

Identification	Hose size	Ø spiral mm	Service length m
K- 07 10 07 59	10 mm x 6,5 mm	52	4,0
K- 07 10 07 60	10 mm x 6,5 mm	52	6,0
K- 07 10 07 61	10 mm x 6,5 mm	52	8,0
K- 07 10 07 62	12 mm x 8 mm	65	4,0
K- 07 10 07 63	12 mm x 8 mm	65	6,0
K- 07 10 07 64	12 mm x 8 mm	65	8,0

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLKUPPLSETSVKM>

**K-SPIR SCHL KUPPL SET LKM NW 7,6****Spiral hose and coupling kits, with safety couplings DN 7.6**

Couplings: High-grade single-handed quick-release coupling and safety coupling in steel / brass zinc-plated for high flow rates, specially designed for all applications with high mechanical wear. Strong, impact- and vibration-resistant construction for challenging applications. Polyurethane hose Exceedingly flexible, extremely kink-resistant and tolerant of dirt spiral hose with high resilience under tear, tensile and impact loads with a long service life and outstanding ageing qualities. It is also UV resistant and has outstanding abrasion resistance.

**Operating pressure:** 10 bar

**Media temperature:** -20 °C to +60 °C

**Note:** Further information on request

Identification	Hose size	Ø spiral mm	Service length m
K- 07 10 07 65	10 mm x 6,5 mm	52	2,0
K- 07 10 07 66	10 mm x 6,5 mm	52	4,0
K- 07 10 07 67	10 mm x 6,5 mm	52	6,0
K- 07 10 07 68	10 mm x 6,5 mm	52	8,0
K- 07 10 07 69	12 mm x 8 mm	65	2,0
K- 07 10 07 70	12 mm x 8 mm	65	4,0
K- 07 10 07 71	12 mm x 8 mm	65	6,0
K- 07 10 07 72	12 mm x 8 mm	65	8,0

**Web:** <http://cat.hansa-flex.com/en/KSPIRSCHLKUPPLSETLKMNW76>

**K-SCHLAUCH KUPPLUNG SET STAN****Hose and coupling kits, with straight hose and DN 7.6 standard coupling**

Couplings: High-grade single-handed quick-release coupling and safety coupling in steel / brass zinc-plated for high flow rates, specially designed for all applications with high mechanical wear. Strong, impact- and vibration-resistant construction for challenging applications. Polyurethane hose Exceedingly flexible, extremely kink-resistant and tolerant of dirt spiral hose with high resilience under tear, tensile and impact loads with a long service life and outstanding ageing qualities. It is also UV resistant and has outstanding abrasion resistance.

**Operating pressure:** 16 bar

**Media temperature:** -20 °C to +60 °C



**Note:** Further information on request

Identification	Hose size	Service length m
K- 07 10 05 62	12 mm x 8 mm	10,0
K- 07 10 05 63	12 mm x 8 mm	15,0
K- 07 10 05 64	16 mm x 11 mm	10,0
K- 07 10 05 65	16 mm x 11 mm	15,0

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHKUPPLUNGSETSTAN>

**K-SCHLAUCH KUPPLUNG SET SICH****Hose and coupling kits, with straight hose and DN 7.6 safety coupling**

Couplings: High-grade single-handed quick-release coupling and safety coupling in steel / brass zinc-plated for high flow rates, specially designed for all applications with high mechanical wear. Strong, impact- and vibration-resistant construction for challenging applications. Polyurethane hose Exceedingly flexible, extremely kink-resistant and tolerant of dirt spiral hose with high resilience under tear, tensile and impact loads with a long service life and outstanding ageing qualities. It is also UV resistant and has outstanding abrasion resistance.

**Operating pressure:** 16 bar

**Media temperature:** -20 °C to +60 °C



**Note:** Further information on request

Identification	Hose size	Service length m
K- 07 10 05 58	12 mm x 8 mm	10,0
K- 07 10 05 59	12 mm x 8 mm	15,0
K- 07 10 05 60	16 mm x 11 mm	10,0
K- 07 10 05 61	16 mm x 11 mm	15,0

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHKUPPLUNGSETSICH>

**K-PUR-BREMSSPIRALE****PUR brake coil with connection**

**Connection 1 + 2:** metric cylindrical outer thread

**Standard:** tested in accordance with, DIN 74323, DIN 74324, ISO 7268-2, ISO 7375-2, DIN 73378, DIN 74310-2

**Approval:** German Technical Surveyance Association (TÜV)-type approved (Certificate R 9910199)

**Temp. min.:** -40 °C

**Temp. max.:** 90 °C

**Material:** PUR



Identification	G1 + G2	Internal Ø mm	External Ø mm	Wall thickness mm	Length m	Colour
K-07 10 13 21	M 16 x 1.5	8,0	12,0	2,0	4,50	black
K-07 10 13 22	M 16 x 1.5	8,0	12,0	2,0	4,50	yellow
K-07 10 13 23	M 16 x 1.5	8,0	12,0	2,0	4,50	red
K-07 10 13 24	M 16 x 1.5	8,0	12,0	2,0	5,50	black

**K-PUR-BREMSSPIRALE**

(Continued)

**PUR brake coil with connection**

Identification	G1 + G2	Internal Ø mm	External Ø mm	Wall thickness mm	Length m	Colour
K-07 10 13 25	M 16 x 1.5	8,0	12,0	2,0	5,50	yellow
K-07 10 13 26	M 16 x 1.5	8,0	12,0	2,0	5,50	red

**Web:** <http://cat.hansa-flex.com/en/KPURBREMSSPIRALE>

**K-ZTR POLYAMID****Polyamide DUO hoses**

DUO hoses made of polyamide PA 12. PA 12 exhibits excellent impact and notched-impact resistance, even at temperatures as low as -60°C, and is resistant to corrosion and suitable for a wide temperature range. It has a low water absorptive capacity and is therefore dimensionally stable if the ambient humidity varies. PA 12 resists greases, oil, fuels, hydraulic fluids, alkalis and salt solutions. Sufficient UV resistance can only be guaranteed if the material is pigmented black! PA DUO hoses are not suitable for use with push-in fittings. Suitable for vacuum up to 12 x 9 mm.

**Colour:** Blue / black  
**Temperature:** -60 °C to +100 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Max. working pressure resistance at 23°C
	mm	mm	bar
K-07 10 04 92	4,0	6,0	27
K-07 10 04 93	6,0	8,0	19

**Web:** <http://cat.hansa-flex.com/en/KZTRPOLYAMID>

**TR WT****PA 11/12 plastic pipe, soft**

**Application:** Control lines in hydraulics and pneumatics, automotive technology, laboratories and food industry

**Special features:** resistant to temperature and weatherproof, low weight

**Inner layer:** Polyamide

**Insert:** none

**Outer layer:** Polyamide

**Colour:** Transparent

**Temp. min.:** -60 °C

**Temp. max.:** 100 °C

**Temp. range:** Temperature peaks up to 120°C

**Media:** Mineral oil, Grease, Propellants, resistant to aqueous acids, alkalis and salts

**Note:** From 20 °C the pressure reduction factor is to be taken into account. (Max. operating pressure = operating pressure x factor).

Temp.: 20°C / 30°C / 40°C / 50°C / 60°C / 70°C / 80°C / 90°C / 100°C / 110°C / 120°C

Factor: 1.00 / 0.83 / 0.72 / 0.64 / 0.57 / 0.52 / 0.47 / 0.44 / 0.36 / 0.32 / 0.28

Identification	Internal Ø	External Ø	Wall thickness	BD* at 20°C	Min. bending radius
	mm	mm	mm	bar	mm
TR 3.15-0.575 WT	2,0	3,2	0,575	30,0	15
TR 04-0.5 WT	3,0	4,0	0,500	19,0	20
TR 04-0.65 WT	2,7	4,0	0,650	26,0	20
TR 04-1 WT	2,0	4,0	1,000	44,0	20
TR 05-0.85 WT	3,3	5,0	0,850	28,0	25
TR 05-1 WT	3,0	5,0	1,000	34,0	25
TR 06-1 WT	4,0	6,0	1,000	27,0	30
TR 06-1.5 WT	3,0	6,0	1,500	45,0	30
TR 08-1 WT	6,0	8,0	1,000	19,0	40
TR 08-1.5 WT	5,0	8,0	1,500	31,0	40
TR 08-2 WT	4,0	8,0	2,000	45,0	40
TR 10-1 WT	8,0	10,0	1,000	15,0	60
TR 10-1.25 WT	7,5	10,0	1,250	19,0	60
TR 10-2 WT	6,0	10,0	2,000	34,0	50
TR 12-1 WT	10,0	12,0	1,000	12,0	55
TR 12-1.5 WT	9,0	12,0	1,500	19,0	60
TR 12-2 WT	8,0	12,0	2,000	27,0	60

BD = Working pressure





(Continued)

TR WT

PA 11/12 plastic pipe, soft

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	BD* at 20°C bar	Min. bending radius mm
TR 12.5-1.25 WT	10,0	12,5	1,250	15,0	75
TR 14-1.5 WT	11,0	14,0	1,500	16,0	80
TR 15-1.5 WT	12,0	15,0	1,500	15,0	90
TR 18-2 WT	14,0	18,0	2,000	16,0	100
TR 20-2 WT	16,0	20,0	2,000	14,0	120
TR 22-2 WT	18,0	22,0	2,000	13,0	150
TR 25-2.5 WT	20,0	25,0	2,500	14,0	150
TR 28-2.5 WT	23,0	28,0	2,500	13,0	150
TR 30-2.5 WT	25,0	30,0	2,500	8,0	260

BD = Working pressure

Web: <http://cat.hansa-flex.com/en/TRWTPNEU>

TRPE WT

Polyethylene hose

**Application:** Control lines in hydraulics and pneumatics, tank and equipment manufacture, laboratory technology

**Special features:** resistant to temperature and weatherproof, low weight

**Inner layer:** Polyethylene

**Insert:** none

**Outer layer:** Polyethylene

**Colour:** Transparent

**Temp. min.:** -10 °C

**Temp. max.:** 60 °C

**Media:** Mineral oil, Grease, Propellants, resistant against aqueous acids, alkalis and salts and a variety of solvents

**Note:** From 20 °C the pressure reduction factor is to be taken into account. (Max. operating pressure = operating pressure x factor).

Temp.: 20 °C / 30 °C / 40 °C / 50 °C / 60 °C

Factor: 1,00 / 0,83 / 0,72 / 0,64 / 0,57



Identification	Internal Ø mm	External Ø mm	Wall thickness mm	BD* at 20°C bar	Min. bending radius mm
TRPE 04-0.5 WT	3,0	4	0,50	9	20
TRPE 04-0.65 WT	2,7	4	0,65	13	20
TRPE 04-1 WT	2,0	4	1,00	20	20
TRPE 05-1 WT	3,0	5	1,00	15	25
TRPE 06-1 WT	4,0	6	1,00	13	30
TRPE 08-1 WT	6,0	8	1,00	8	40
TRPE 08-1.5 WT	5,0	8	1,50	13	40
TRPE 10-1 WT	8,0	10	1,00	6	60
TRPE 10-1.5 WT	7,0	10	1,50	10	50
TRPE 10-2 WT	6,0	10	2,00	15	50
TRPE 12-1 WT	10,0	12	1,00	5	85
TRPE 12-1.5 WT	9,0	12	1,50	9	60
TRPE 12-2 WT	8,0	12	2,00	12	60
TRPE 14-1.5 WT	11,0	14	1,50	8	80
TRPE 14-2 WT	10,0	14	2,00	9	80
TRPE 15-1.5 WT	12,0	15	1,50	7	90
TRPE 16-2 WT	12,0	16	2,00	8	120
TRPE 18-2 WT	14,0	18	2,00	7	120
TRPE 20-2 WT	16,0	20	2,00	6	120
TRPE 22-2 WT	18,0	22	2,00	5	150
TRPE 25-2.5 WT	20,0	25	2,50	6	150
TRPE 30-2.5 WT	25,0	30	2,50	5	260

BD = Working pressure

Web: <http://cat.hansa-flex.com/en/TRPEWTPNEU>**Product versions:**

**TRPE WB** - Polyethylene hose, blue

**TRPE WGE** - Polyethylene hose, yellow

**TRPE WR** - Polyethylene hose, red

**TRPE WS** - Polyethylene hose, black

**K-ZTR POLYURETHAN****Polyurethane DUO hoses**

Polyurethane hoses are renowned for their extreme flexibility and correspondingly narrow bending radius across a wide temperature range. They exhibit good abrasion resistance, very good low-temperature flexibility, only minimal permanent deformation when subjected to long-term stresses as well as good resistance to oils, greases, aliphatic hydrocarbons and oxygen. Suitable for vacuum.

**Colour:** Blue / black  
**Temperature:** -35 °C to +60 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	max. working pressure at 20° C
	mm	mm	bar
K- 07 10 05 42	2,0	4,0	21
K- 07 10 05 43	3,0	5,0	16
K- 07 10 05 44	4,0	6,0	14
K- 07 10 05 45	6,0	8,0	12
K- 07 10 05 46	8,0	10,0	9

**Web:** <http://cat.hansa-flex.com/en/KZTRPOLYURETHAN>

**K-TR POLYURETHAN****Polyurethane hose (PUR)**

This externally calibrated plastic hose made of high-quality polyester PUR is extremely flexible with optimal mechanical characteristics and very high pressure resistance across a wide temperature range. It is permanently flexible, boasts very good resilience and can be laid with a narrow bending radius. Its other advantages include good abrasion resistance, very good low-temperature flexibility and very high elongation at break. The hose is also suitable for vacuum applications. It is resistant to many different oils and lubricants (a special resistance test is recommended in specific cases owing to the additives that are blended in by the manufacturers), aliphatic hydrocarbons and gases such as oxygen, ozone, helium, etc.

**Working pressure:** Max. 10 bar (at +20 °C)  
**Hardness:** 52 Shore D±3  
**Calibration:** External  
**Ambient temperature:** -35 °C to +80 °C  
**Material:** Polyurethane

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	bending radius flow-relevant	Colour	Roll length
	mm	mm	mm		
K- 07 10 05 47	2,6	4,0	17	Natural	100
K- 07 10 05 49	3,1	5,0	15	Natural	100
K- 07 10 05 48	3,1	5,0	15	blue	100
K- 07 10 05 51	9,0	12,0	67	Natural	100
K- 07 10 05 52	9,0	12,0	67	black	100
K- 07 10 05 54	9,8	14,0	72	Natural	50
K- 07 10 05 53	9,8	14,0	72	blue	50
K- 07 10 05 55	9,8	14,0	72	black	50
K- 07 10 05 56	11,0	16,0	88	Natural	50
K- 07 10 05 57	11,0	16,0	88	black	50

**Web:** <http://cat.hansa-flex.com/en/KTRPOLYURETHAN>

## TRPU T

## Polyurethane hose

**Special features:** Hardness: 95-98° Shore A, very good cold flexibility, high abrasion resistance

**Inner layer:** Polyurethane

**Insert:** none

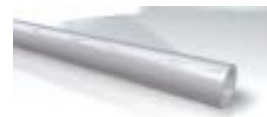
**Outer layer:** Polyurethane

**Colour:** Transparent

**Temp. min.:** -40 °C

**Temp. max.:** 60 °C

**Media:** aging resistant in oxygen and ozone, resistant to aliphatic hydrocarbons and most lubricating oils, resistant to hydrolysis and microbes



**Note:** From 20 °C the pressure reduction factor is to be taken into account. (Max. operating pressure = operating pressure x factor).

Temp.: 20 °C / 30 °C / 40 °C / 50 °C / 60 °C

Factor: 1,00 / 0,83 / 0,72 / 0,64 / 0,57

Identification	Internal Ø	External Ø	Wall thickness	BD* at 20 °C	Min. bending radius
	mm	mm	mm	bar	mm
TRPU 04-0.65 T	2,7	4	0,65	8	20
TRPU 04-1 T	2,0	4	1,00	14	20
TRPU 05-1 T	3,0	5	1,00	17	20
TRPU 06-1 T	4,0	6	1,00	14	30
TRPU 08-1.25 T	5,5	8	1,25	13	30
TRPU 10-1 T	8,0	10	1,00	7	50
TRPU 10-1.25 T	7,5	10	1,25	10	40
TRPU 10-1.5 T	7,0	10	1,50	12	40

BD = Working pressure

**Web:** <http://cat.hansa-flex.com/en/TRPUTPNEU>

**Product versions:**

**TRPU B** - Polyurethane hose, blue

**TRPU GE** - Polyurethane hose, yellow

**TRPU R** - Polyurethane hose, red

**TRPU S** - Polyurethane hose, black

## TR FL / TR FS

## Drive type nipple, BEL / BES

**Connection 1:** Pipe sockets

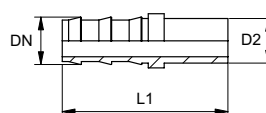
**Sealing form 1:** Cutting ring connection

**Short code:** BEL / BES

**Standard:** ISO 8434-1

**Material:** Steel

**Surface:** electro galvanised



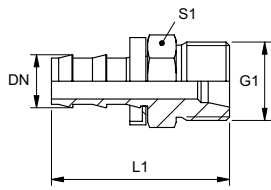
**Note:** Final cutting ring assembly must be carried out in the hardened pre-assembly socket (VOM...).

Identification	DN	Size	Inches	Series	D2	L1
					mm	mm
TR 04 FL	5	3	3/16"	L	6	36
TR 06 FL	6	4	1/4"	L	8	38
TR 08 FL 06	8	5	5/16"	L	8	45
TR 08 FL	8	5	5/16"	L	10	47
TR 10 FL 08	10	6	3/8"	L	10	48
TR 10 FL	10	6	3/8"	L	12	47
TR 13 FL	12	8	1/2"	L	15	57
TR 16 FL	16	10	5/8"	L	18	57
TR 06 FS	6	4	1/4"	S	10	41
TR 08 FS	8	5	5/16"	S	12	47

**Web:** <http://cat.hansa-flex.com/en/TRFLTRFSPNEU>

**TR HL**

## Drive type nipple, CEL



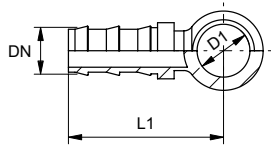
**Connection 1:** metric cylindrical outer thread  
**Sealing form 1:** 24° inner cone  
**Standard:** ISO 8434-1  
**Material:** Steel  
**Surface:** electro galvanised

Identification	DN	Size	Inches	for external pipe Ø mm	G1	L1 mm
TR 04 HL	5	3	3/16"	6	M 12 x 1.5	30
TR 06 HL	6	4	1/4"	8	M 14 x 1.5	31
TR 08 HL 06	8	5	5/16"	8	M 14 x 1.5	38
TR 08 HL	8	5	5/16"	10	M 16 x 1.5	38
TR 10 HL 08	10	6	3/8"	10	M 16 x 1.5	38
TR 10 HL	10	6	3/8"	12	M 18 x 1.5	39
TR 13 HL	12	8	1/2"	15	M 22 x 1.5	52

**Web:** <http://cat.hansa-flex.com/en/TRHLPNEU>

**TR B**

## Drive type nipple, RGN



**Connection 1:** Metric banjos  
**Sealing form 1:** Sealed by copper ring  
**Short code:** RGN  
**Standard:** DIN 7642  
**Material:** Steel  
**Surface:** electro galvanised

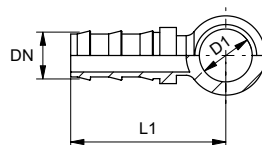
Identification	DN	Size	Inches	D1 mm	L1 mm
TR 04 B 02	5	3	3/16"	8	24
TR 04 B	5	3	3/16"	10	26
TR 06 B 04	6	4	1/4"	10	26
TR 06 B	6	4	1/4"	12	28
TR 06 B 08	6	4	1/4"	14	28
TR 06 B 10	6	4	1/4"	16	30
TR 08 B 06	8	5	5/16"	12	34
TR 08 B	8	5	5/16"	14	34
TR 08 B 10	8	5	5/16"	16	36
TR 10 B 08	10	6	3/8"	14	34
TR 10 B	10	6	3/8"	16	36

**Web:** <http://cat.hansa-flex.com/en/TRBPNEU>

## TR BR

## Drive type nipple, RGN

**Connection 1:** imperial banjo  
**Standard:** DIN 7642  
**Material:** Steel  
**Surface:** electro galvanised



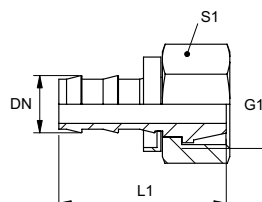
Identification	DN	Size	Inches	D1 mm
TR 08 BR 10	8	5	5/16"	17

**Web:** <http://cat.hansa-flex.com/en/TRBRPNEU>

## TR A

## Drive type nipple, DKM

**Connection 1:** metric nut thread  
**Sealing form 1:** 60° sealing head  
**Standard:** DIN 3863  
**Material:** Steel  
**Surface:** electro galvanised



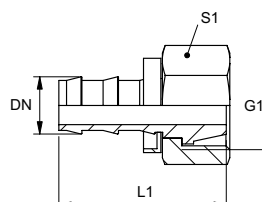
Identification	DN	Size	Inches	G1	L1 mm	S1
TR 04 A	5	3	3/16"	M 12 x 1.5	28	14
TR 06 A	6	4	1/4"	M 14 x 1.5	28	17
TR 06 A 08	6	4	1/4"	M 16 x 1.5	28	19
TR 08 A	8	5	5/16"	M 16 x 1.5	34	19
TR 10 A 08	10	6	3/8"	M 16 x 1.5	34	19
TR 10 A	10	6	3/8"	M 18 x 1.5	34	22
TR 13 A	12	8	1/2"	M 22 x 1.5	45	27

**Web:** <http://cat.hansa-flex.com/en/TRAPNEU>

## TR AB

## Drive type nipple, DKR

**Connection 1:** BSP nut thread  
**Sealing form 1:** 60° outer cone  
**Short code:** DKR  
**Standard:** ISO 8434-6, BS 5200  
**Material:** Steel  
**Surface:** electro galvanised

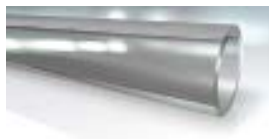


Identification	DN	Size	Inches	G1	L1 mm	S1
TR 04 AB 06	5	3	3/16"	G 1/4" -19	28	17
TR 10 AB	10	6	3/8"	G 3/8" -19	34	20
TR 10 AB 13	10	6	3/8"	G 1/2" -14		

**Web:** <http://cat.hansa-flex.com/en/TRABPNEU>

## PSK

## PVC hose, transparent



**Special features:** Hardness: approx. 77° Shore A

**Inner layer:** Soft PVC

**Insert:** none

**Outer layer:** Soft PVC

**Colour:** clear

**Temp. min.:** -5 °C

**Temp. max.:** 60 °C

**Media:** Water, Air

**Note:** The pressure figures relate to a short-term pressure load without pressure surges at +20 °C.

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	BD* at 20°C bar	Roll length m
PSK 02-1	2	4	1,0	13,0	50
PSK 03-1	3	5	1,0	9,5	50
PSK 03-1.5	3	6	1,5	12,5	50
PSK 04-1	4	6	1,0	7,5	50
PSK 04-1.5	4	7	1,5	10,5	50
PSK 04-2	4	8	2,0	12,5	50
PSK 05-1	5	7	1,0	6,0	50
PSK 05-1.5	5	8	1,5	8,5	50
PSK 05-2	5	9	2,0	10,5	50
PSK 05-3.5	5	12	3,5	12,5	50
PSK 06-1	6	8	1,0	5,5	50
PSK 06-1.5	6	9	1,5	7,5	50
PSK 06-2	6	10	2,0	9,5	50
PSK 06-3	6	12	3,0	12,5	50
PSK 07-1.5	7	10	1,5	6,5	50
PSK 07-2	7	11	2,0	8,5	50
PSK 08-1	8	10	1,0	4,0	50
PSK 08-1.5	8	11	1,5	6,0	50
PSK 08-2	8	12	2,0	7,5	50
PSK 08-3	8	14	3,0	10,5	50
PSK 09-1	9	11	1,0	3,5	50
PSK 09-1.5	9	12	1,5	5,0	50
PSK 09-2	9	13	2,0	6,5	50
PSK 09-3.5	9	16	3,5	10,5	50
PSK 10-1.5	10	13	1,5	4,5	50
PSK 10-2	10	14	2,0	6,0	50
PSK 10-3	10	16	3,0	8,5	50
PSK 12-1.5	12	15	1,5	4,0	50
PSK 12-2	12	16	2,0	5,0	50
PSK 12-2.5	12	17	2,5	6,5	50
PSK 12-3	12	18	3,0	7,5	50
PSK 13-2	13	17	2,0	5,0	50
PSK 13-3	13	19	3,0	7,0	50
PSK 14-2	14	18	2,0	4,5	50
PSK 14-2.5	14	19	2,5	5,5	50
PSK 14-3	14	20	3,0	6,0	50
PSK 15-2	15	19	2,0	7,5	50
PSK 15-3	15	21	3,0	6,0	50
PSK 16-2	16	20	2,0	4,0	50
PSK 16-2.5	16	21	2,5	5,0	50
PSK 16-3	16	22	3,0	6,0	50
PSK 18-2	18	22	2,0	3,5	50
PSK 18-3	18	24	3,0	5,0	50
PSK 19-2.5	19	24	2,5	4,5	50
PSK 19-3	19	25	3,0	5,0	50
PSK 19-3.5	19	26	3,5	5,5	50
PSK 19-4	19	27	4,0	6,5	50
PSK 20-2	20	24	2,0	3,0	50
PSK 20-3	20	26	3,0	4,5	50
PSK 22-3	22	28	3,0	4,5	50
PSK 22-4	22	30	4,0	4,5	50
PSK 24-2	24	28	2,0	2,5	50

BD = Working pressure



(Continued)

PSK

## PVC hose, transparent

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	BD* at 20°C bar	Roll length m
PSK 24-3	24	30	3,0	4,0	50
PSK 25-3	25	31	3,0	4,0	50
PSK 25-4	25	33	4,0	5,0	50
PSK 25-4.5	25	34	4,5	5,5	50
PSK 27-3	27	33	3,0	3,5	50
PSK 28-4	28	36	4,0	4,5	50
PSK 30-3.5	30	37	3,5	4,0	50
PSK 30-4	30	38	4,0	4,0	50
PSK 32-3.5	32	39	3,5	3,0	50
PSK 32-4	32	40	4,0	4,0	50
PSK 32-5	32	42	5,0	5,0	50
PSK 35-3.5	35	42	3,5	3,5	50
PSK 35-5	35	45	5,0	4,5	50
PSK 38-5	38	48	5,0	4,0	50
PSK 40-4	40	48	4,0	3,0	50
PSK 40-5	40	50	5,0	4,0	50
PSK 42-5	42	52	5,0	3,5	50
PSK 45-5	45	55	5,0	3,5	25
PSK 50-5	50	60	5,0	3,0	25
PSK 55-4.5	55	64	4,5	2,5	25
PSK 60-5	60	70	5,0	2,5	25
PSK 65-5	65	70	5,0	2,5	25
PSK 70-5	70	80	5,0	2,5	25
PSK 75-7.5	75	90	7,5	3,4	25
PSK 80-5	80	90	5,0	2,3	25
PSK 90-5	90	100	5,0	2,1	25

BD = Working pressure

Web: <http://cat.hansa-flex.com/en/PSKPNEU>

## K-TR PVC GRUEN SAFETY

## PVC braided hose, fluorescent green, Safety

Flexible, pressure-resistant and non-abrasive standard hose for a wide range of applications in industry, machinery and plant construction, commerce, manual trades and laboratories, complies with EU Regulation No. 10/2011 regarding contact with food, simulants A, B, C, good chemical resistance when gaseous or liquid media are conveyed, use of high-quality materials guarantees enhanced durability and UV protection.

**Inner layer:** Soft PVC  
**Insert:** one braided textile insert  
**Outer layer:** Soft PVC  
**Colour:** green  
**Temperature:** -15 °C to +60 °C



Note: Further information on request

Identification	Ø hose internal	Ø hose external	max. working pressure at 23° C fluids		max. working pressure at 23° C air /gas	
	mm	mm	bar		bar	
K- 07 10 05 75	6,0	12,0	15		20	
K- 07 10 05 76	9,0	15,0	15		20	
K- 07 10 05 77	13,0	20,0	15		20	

Web: <http://cat.hansa-flex.com/en/KTRPVCGRUENSAFETY>

**K-TR PVC SPEZIAL**

## Special PVC pneumatic hose

Flexible, high-quality, PVC hose with a smooth inner layer and braiding made of special impregnated fabric, suitable for high pressures. Largely resistant to salt solutions, diluted acids and alkaline solutions, greases and mineral oils.



**Operating temperature:** -10 °C to +60 °C  
**Colour:** blue  
**Material:** PVC with integrated special fabric  
**Roll length:** 50 m

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Operating pressure 20°C (stat.)
	mm	mm	bar
K-07 10 04 86	4,0	6,2	40,0
K-07 10 04 87	6,0	8,2	40,0
K-07 10 04 88	8,0	10,2	35,0
K-07 10 04 89	9,0	11,6	30,0
K-07 10 04 90	10,0	12,5	28,0
K-07 10 04 91	13,0	17,6	28,0

**Web:** <http://cat.hansa-flex.com/en/KTRPVCSPESIAL>

**PSG**

## PVC hose with braided insert

**Application:** general application for air, water etc.  
**Special features:** Hardness: approx. 77° Shore A, environmentally and free of heavy metals, abrasion and aging resistant, sterilisable, permanently transparent, very flexible



**Inner layer:** Soft PVC  
**Insert:** one braided textile insert  
**Outer layer:** Soft PVC  
**Colour:** clear  
**Temp. min.:** -5 °C  
**Temp. max.:** 60 °C  
**Media:** Water, Air

Identification	Internal Ø	External Ø	Wall thickness	BD* at 20 °C	Min. bending radius	Roll length
	mm	mm	mm	bar	mm	m
PSG 04-3	4,0	10,0	3,0	20	15	50
PSG 05-3	5,0	11,0	3,0	20	20	50
PSG 06-3	6,0	12,0	3,0	20	25	50
PSG 08-3	8,0	14,0	3,0	20	30	50
PSG 09-3	9,0	15,0	3,0	15	35	50
PSG 10-3	10,0	16,0	3,0	15	40	50
PSG 12-3	12,0	18,0	3,0	15	50	50
PSG 12-4.5	12,0	21,0	4,5	15	50	50
PSG 12.5-3	12,5	18,5	3,0	15	50	50
PSG 13-3	13,0	19,0	3,0	15	60	50
PSG 13-3.5	13,0	20,0	3,5	15	60	50
PSG 15-3	15,0	21,0	3,0	10	75	50
PSG 16-3.5	16,0	23,0	3,5	10	80	50
PSG 16-4	16,0	24,0	4,0	10	80	50
PSG 19-3.5	19,0	26,0	3,5	10	80	50
PSG 19-4	19,0	27,0	4,0	10	100	25/50
PSG 19-5	19,0	29,0	5,0	10	100	25/50
PSG 22-4	22,0	30,0	4,0	8	180	25/50
PSG 25-4	25,0	33,0	4,0	8	200	25/50
PSG 25-4.5	25,0	34,0	4,5	8	120	25/50
PSG 30-4	30,0	38,0	4,0	7	170	25/50
PSG 32-5	32,0	42,0	5,0	7	180	25/50
PSG 38-5	38,0	48,0	5,0	6	200	25/50

BD = Working pressure





(Continued)

PSG

## PVC hose with braided insert

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	BD* at 20 °C bar	Min. bending radius mm	Roll length m
PSG 45-5	45,0	55,0	5,0	4	300	25
PSG 50-5	50,0	60,0	5,0	4	350	25

BD = Working pressure

Web: <http://cat.hansa-flex.com/en/PSGPNEU>

## Product versions:

PSG BLAU - PVC hose with braided insert, blue

PSG GRUEN - PVC hose with braided insert, green

PSG ROT - PVC hose with braided insert, red

PSG SCHWARZ - PVC hose with braided insert, black

## K-TR PVC SET

## PVC air hose kits

Flexible, pressure-resistant and non-abrasive standard hose, also resistant to ageing. Assembled with brass stem and brass quick disconnect coupling DN 7.2.

Operating temperature: -15 °C to +60 °C



Note: Further information on request

Identification	Ø hose internal	Ø hose external	Max. working pressure resistance at 23°C bar	Hose length m
	mm	mm		
K-07 10 12 13	6,0	12,0	15	5
K-07 10 12 09	6,0	12,0	15	10
K-07 10 12 10	6,0	12,0	15	15
K-07 10 12 11	6,0	12,0	15	20
K-07 10 12 12	6,0	12,0	15	25
K-07 10 12 18	9,0	15,0	15	5
K-07 10 12 14	9,0	15,0	15	10
K-07 10 12 15	9,0	15,0	15	15
K-07 10 12 16	9,0	15,0	15	20
K-07 10 12 17	9,0	15,0	15	25
K-07 10 12 08	13,0	20,0	15	5
K-07 10 12 07	13,0	20,0	15	10

Web: <http://cat.hansa-flex.com/en/KTRPVCSET>

## K-TR PVC SICHERHEITS SET

## PVC safety air hose kits

Flexible, pressure-resistant and non-abrasive standard hose. High safety standard through signal colours - fluorescent green. Assembled with pushbutton safety coupling DN 7.4. and stem nickel-plated brass.

Operating temperature: -15 °C to +60 °C



Note: Further information on request

Identification	Ø hose internal	Ø hose external	max. working pressure at 20° C bar	Hose length m
	mm	mm		
K-07 10 12 03	6,0	12,0	12	5
K-07 10 12 01	6,0	12,0	12	10
K-07 10 12 02	6,0	12,0	12	20
K-07 10 12 06	9,0	15,0	12	5



**K-TR PVC SICHERHEITS SET**

(Continued)

**PVC safety air hose kits**

Identification	Ø hose internal	Ø hose external	max. working pressure at 20° C		Hose length
	mm	mm	bar		m
K-07 10 12 04	9,0	15,0	12		10
K-07 10 12 05	9,0	15,0	12		20

**Web:** <http://cat.hansa-flex.com/en/KTRPVCISICHERHEITSSET>

**K-WERKST-SCHLAUCH SOFT****Workshop hose soft**

Highly flexible hose for compressed air applications in workshop areas (compressed air feed for pneumatic tools, equipping assembly stations, etc.). Thanks to the even fabric reinforcement, this hose combines high pressure resistance, very good handling and high mechanical strength with excellent bond adhesion. The high level of ozone resistance further enhances the hose's durability and reliability. TÜV approved.



**Inner layer:** Soft-PVC, black  
**Insert:** polyester braid  
**Outer layer:** Soft-PVC, blue  
**Temperature:** -20 °C to +60 °C  
**Roll length:** 50 m

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Max. working pressure resistance at 23°C		Min. bending radius
	mm	mm	bar		mm
K-07 10 10 33	6,3	11,0	15		23
K-07 10 10 34	8,0	13,0	15		28
K-07 10 10 35	9,0	14,5	15		32
K-07 10 10 36	10,0	15,5	15		35
K-07 10 10 37	12,7	19,0	15		45
K-07 10 10 38	16,0	23,0	15		56
K-07 10 10 39	19,0	26,5	15		67
K-07 10 10 40	25,0	33,5	15		88

**Web:** <http://cat.hansa-flex.com/en/KWERKSTSCHLAUCHSOFT>

**K-SOFT PVC SET SVKM TUE NW7,2****Soft PVC workshop hose kits with quick disconnect couplings and stems DN 7.2**

Highly flexible hose for compressed air applications in workshop areas. Assembled with brass stem and brass quick disconnect coupling DN 7.2

**Inner layer:** Soft-PVC, black  
**Insert:** polyester braid  
**Outer layer:** Soft-PVC, blue  
**Operating temperature:** -20 °C to +60 °C

**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	max. working pressure at 20° C		Hose length
	mm	mm	bar		m
K-07 10 11 91	6,3	11,0	15		5
K-07 10 11 85	6,3	11,0	15		10
K-07 10 11 87	6,3	11,0	15		15
K-07 10 11 88	6,3	11,0	15		20
K-07 10 11 90	6,3	11,0	15		25
K-07 10 11 99	9,0	14,5	15		5
K-07 10 11 93	9,0	14,5	15		10
K-07 10 11 95	9,0	14,5	15		15
K-07 10 11 96	9,0	14,5	15		20
K-07 10 11 98	9,0	14,5	15		25

**Web:** <http://cat.hansa-flex.com/en/KSOFTPVCSETSVKMTUENW72>

**K-WERKST-SCHLAUCH SOFT O****Workshop hose soft, oil resistant**

Workshop hose to meet the most demanding requirements. Extremely flexible (even at low temperatures), good resistance to oil and chemicals, long service life and excellent resistance to mechanical stresses (deformation under pressure, bending cycles, pressure pulses).

**Inner layer:** Soft-PVC, red, oil resistant  
**Insert:** polyester braid  
**Outer layer:** Soft-PVC, black, oil resistant  
**Temperature:** -20 °C to +60 °C  
**Roll length:** 50 m



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**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	Max. working pressure resistance at 23°C	Min. bending radius
	mm	mm	bar	mm
K-07 10 10 41	6,3	11,0	16	18
K-07 10 10 42	8,0	13,0	16	25
K-07 10 10 43	9,0	14,5	16	25
K-07 10 10 44	10,0	15,5	16	35
K-07 10 10 45	12,7	19,0	16	50
K-07 10 10 46	16,0	23,0	16	70
K-07 10 10 47	19,0	26,5	16	70
K-07 10 10 48	25,0	33,5	16	120

**Web:** <http://cat.hansa-flex.com/en/KWERKSTSCHLAUCHSOFTO>

**K-SOFT PVC SET SVKM TUE NW7,4****Soft PVC workshop hose kit with mounted pushbutton safety coupling DN 7.4 and nickel-plated brass stem**

Highly flexible hose for compressed air applications in workshop areas. Assembled with pushbutton safety coupling DN 7.4

**Inner layer:** Soft-PVC, black  
**Insert:** polyester braid  
**Outer layer:** Soft-PVC, blue  
**Operating temperature:** -20 °C to +60 °C



**Note:** Further information on request

Identification	Ø hose internal	Ø hose external	max. working pressure at 20° C	Hose length
	mm	mm	bar	m
K-07 10 11 92	6,3	11,0	12	5
K-07 10 11 86	6,3	11,0	12	10
K-07 10 11 89	6,3	11,0	12	20
K-07 10 12 00	9,0	14,5	12	5
K-07 10 11 94	9,0	14,5	12	10
K-07 10 11 97	9,0	14,5	12	20

**Web:** <http://cat.hansa-flex.com/en/KSOFTPVCSETSVKMTUENW74>

**K-PVDF-SCHLAUCH NATUR**

## PVDF tubing nature



**Application:** suitable for use with foodstuffs (FDA CFR 177.2510), suitable for medical applications (USP Class VI Standard), resistant to a variety of chemicals

**Inner layer:** PVDF  
**Outer layer:** PVDF  
**Colour:** Natural  
**Temp. min.:** -40 °C  
**Temp. max.:** 150 °C

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	Roll length m
K-07 10 13 16	2,0	4,0	1,0	100
K-07 10 13 17	4,0	6,0	1,0	100
K-07 10 13 18	6,0	8,0	1,0	100
K-07 10 13 19	8,0	10,0	1,0	100
K-07 10 13 20	10,0	12,0	1,0	100

**Web:** <http://cat.hansa-flex.com/en/KPVDFSCHLAUCHNATUR>

**K-FLAMM SCHLAUCH**

## Flame tube



**Application:** welding equipment, welding robots, welding machines, Welding Related areas

**Colour:** black  
**Temp. min.:** -40 °C  
**Temp. max.:** 90 °C

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	Min. bending radius mm	Max. working pressure resistance at 23°C		Roll length m
					bar	bar	
K-07 10 13 27	2,0	4,0	1,0	7	27	27	50
K-07 10 13 28	4,0	6,0	1,0	8	20	20	50
K-07 10 13 29	4,0	8,0	2,0	9	23	23	50
K-07 10 13 30	6,0	10,0	2,0	15	21	21	50
K-07 10 13 31	8,0	12,0	2,0	26	18	18	50
K-07 10 13 32	10,0	14,0	2,0	38	13	13	50
K-07 10 13 33	11,0	16,0	2,5	65	15	15	50

**Web:** <http://cat.hansa-flex.com/en/KFLAMMSCHLAUCH>

**KOMP**

## Compressor hose



**Application:** Low pressure range, for compressors

**Special features:** resistant to aging and weatherproof

**Inner layer:** SBR  
**Insert:** one high tensile synthetic thread braided insert  
**Outer layer:** SBR smooth  
**Colour:** black  
**Temp. min.:** -25 °C  
**Temp. max.:** 70 °C  
**Media:** Water, Compressed air containing oil mist

Identification	Internal Ø mm	External Ø mm	BD* for air bar	Min. bending radius mm	Burst pressure bar	Roll length m
KOMP 6-3.5	6	13	20	30	60	40
KOMP 9-3.5	8	15	20	35	60	40

BD = Working pressure

(Continued)

KOMP

## Compressor hose

Identification	Internal Ø mm	External Ø mm	BD* for air bar	Min. bending radius mm	Burst pressure bar	Roll length m
KOMP 10-5	10	18	20	40	60	40
KOMP 13-5	13	22	20	60	60	40
KOMP 15-6	16	25	20	75	60	40
KOMP 19-6	19	29	20	90	60	40
KOMP 25-7	25	37	20	120	60	40

BD = Working pressure

Web: <http://cat.hansa-flex.com/en/KOMPPNEU>

KOMP G

## Compressor hose

**Application:** Mining, Compressors  
**Special features:** smooth outer cover  
**Inner layer:** Natural and synthetic rubber  
**Insert:** highly tear-resistant synthetic textile insert  
**Outer layer:** Natural and synthetic rubber, abrasion, ozone and weather resistant  
**Colour:** yellow  
**Temp. min.:** -25 °C  
**Temp. max.:** 70 °C  
**Media:** Compressed air



Identification	Inches	Internal Ø mm	External Ø mm	Wall thickness mm	Operating pressure bar	Min. bending radius mm	Burst pressure bar	Roll length m
KOMP 13-5 G	1/2"	13,0	23	5,0	20,0	125	60	40
KOMP 19-5 G	3/4"	19,0	29	5,0	20,0	190	60	40
KOMP 19-6 G	3/4"	19,0	31	6,0	20,0	190	60	40
KOMP 25-5.5 G	1"	25,4	36	5,5	20,0	254	60	40
KOMP 25-7 G	1"	25,4	39	7,0	20,0	254	60	40
KOMP 32-6 G	1.1/4"	32,0	44	6,0	20,0	260	60	40
KOMP 38-5 G	1.1/2"	38,0	48	5,0	20,0	380	60	40
KOMP 38-7 G	1.1/2"	38,0	52	7,0	20,0	380	60	40
KOMP 51-7.5 G	2"	50,8	66	7,5	20,0	510	60	40
KOMP 63-10 G	2.1/2"	63,5	84	10,0	20,0	480	60	40
KOMP 75-9 G	3"	76,2	92	9,0	20,0	762	60	40

Web: <http://cat.hansa-flex.com/en/KOMPGPNEU>

KOMP T

## Compressor hose

**Application:** for compressors, in harsh operating conditions in mining,, quarrying, construction, shipyards, petrol stations, Low pressure range  
**Standard:** DIN 20018, EN ISO 2398  
**Inner layer:** NBR  
**Insert:** synthetic yarn braids  
**Outer layer:** NBR  
**Colour:** black with blue stripes  
**Temp. min.:** -40 °C  
**Temp. max.:** 70 °C  
**Media:** Water, Compressed air containing oil mist



Identification	Inches	Internal Ø mm	External Ø mm	Wall thickness mm	Operating pressure bar	Min. bending radius mm
KOMP 19-6 T	3/4"	19	31	6	25,0	95
KOMP 25-7 T	1"	25	39	7	25,0	125

Web: <http://cat.hansa-flex.com/en/KOMPTPNEU>

**BREMS****Brake hose**

<b>Application:</b>	Compressed air brake systems
<b>Special features:</b>	weather proof and aging resistant
<b>Standard:</b>	DIN 74310
<b>Inner layer:</b>	EPDM
<b>Insert:</b>	one braided textile insert
<b>Outer layer:</b>	EPDM
<b>Colour:</b>	black
<b>Temp. min.:</b>	-40 °C
<b>Temp. max.:</b>	70 °C
<b>Media:</b>	Compressed air

Identification	Internal Ø mm	External Ø mm	Wall thickness mm	Operating pressure bar	Burst pressure bar	Roll length m
BREMS 11-3.5	11	18	3,5	10,0	25	100
BREMS 13-6	13	25	6,0	10,0	20	100

**Web:** <http://cat.hansa-flex.com/en/BREMSPNEU>

**K-PRESSLUFTSCHLAUCH****Compressed air hose**

Robust yet flexible hose type for high pressure loads. The hose cover resists the temporary influence of oil and is non-abrasive and weatherproof.

<b>Liner:</b>	NR/SBR, black
<b>Insert:</b>	Textile
<b>Cover:</b>	NR/EPDM, black
<b>Operating pressure:</b>	Max. 20 bar
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Colour:</b>	black
<b>Roll length:</b>	50 m

**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm
K-07 10 05 67	6,0	13,0
K-07 10 05 68	9,0	17,0
K-07 10 05 66	13,0	23,0

**Web:** <http://cat.hansa-flex.com/en/KPRESSLUFTSCHLAUCH>

**K-TR PU FU****Anti-spark PU hose**

Blue polyurethane hose with an outer sheath made of black synthetic resin material. This sheath protects the inner PU tube from welding sparks. The sheath is not attached to the inner tube and can therefore be easily removed to enable conventional fittings to be installed. Protects against welding sparks, extremely flexible and non-kinking, resistant to a large number of chemicals, oils, greases, acids, bases, heat, ageing, UV light.

<b>Working pressure:</b>	Dependent on temperature: 12 bar at 24 °C, 5 bar at 66 °C
<b>Colour:</b>	black
<b>Temperature:</b>	-40 °C to +70 °C

**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm
K-07 10 03 59	4,0	6,0
K-07 10 03 60	5,0	8,0
K-07 10 03 61	8,0	12,0

**Web:** <http://cat.hansa-flex.com/en/KTRPUFU>

**K-TR POLY****Electrically conductive hose**

Ether based polyurethane hose. The hose is conductive (insulating). We commend using antistatic tube fittings to connect it.

**Applications:** Electrical systems, medical equipment, robotics, clean rooms in the semiconductor industry, packaging machines, powder coating machines

**Dissipation of charges:** Acc. to EIS Std. 541

**Volume resistivity:** 109 Ohm-cm

**Surface resistance:** 109 Ohm/sq.

**Temperature:** -40 °C to +70 °C

**Roll length:** 25 m



**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm	Working pressure at 25 °C / 65 °C
K- 07 10 02 44	2,4	4,0	7,24 / 3,45 bar
K- 07 10 02 45	4,0	6,0	6,21 / 3,1 bar
K- 07 10 02 46	5,0	8,0	6,89 / 3,45 bar
K- 07 10 02 47	8,0	12,0	6,21 / 3,1 bar

**Web:** <http://cat.hansa-flex.com/en/KTRPOLY>

**K-AUTOGENSCHL****Oxyacetylene hose**

Proven, flexible design acc. to DIN EN ISO 3821:2010 with non-abrasive cover.

**Liner:** EPDM/SBR, black, flat

**Insert:** Textile braided or spiral

**Cover:** EPDM/SBR, smooth and ribbed

**Operating pressure:** Max. 20 bar

**Operating temperature:** -20 °C to +60 °C



**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm	Colour	gas type
K- 07 10 02 68	6,0	13,0	blue	Oxygen
K- 07 10 02 70	9,0	16,0	red	Acetylene
K- 07 10 02 69	6,0	13,0	red	Acetylene

**Web:** <http://cat.hansa-flex.com/en/KAUTOGENSCHL>

**K-TRPU SET****Air hose kits, PU-hose, Hose Guard hose rupture valve, screwed stem, Safety**

Braided PU hose with integrated rupture hose valve type »Hose Guard« and screwed stem with a G 3/8" or G 1/2" male thread.



**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm	Thread nozzle (with HoseGuard)	Hose length m
K- 07 10 05 38	8,0	13,0	G 3/8 male	10
K- 07 10 05 39	8,0	13,0	G 3/8 male	20



**K-TRPU SET**

(Continued)

## Air hose kits, PU-hose, Hose Guard hose rupture valve, screwed stem, Safety

Identification	Ø hose internal	Ø hose external	Thread nozzle (with HoseGuard)	Hose lenght
	mm	mm		m
K-07 10 05 40	13,0	18,0	G 1/2 male	10
K-07 10 05 41	13,0	18,0	G 1/2 male	20

**Web:** <http://cat.hansa-flex.com/en/KTRPUSET>

**K-SCHLAUCHBRUCHSICHERUNG**

## Hose rupture valves Typ Hose Guard



Efficient protection for ruptured hoses or pipes in pneumatic systems. Preset to permit normal air consumption by pneumatic tools. Hose Guard detects a rupture in a hose or pipe and interrupts the supply of compressed air in a fraction of a second apart from a minimal residual flow. Unaffected parts of the compressed air system remain fully pressurised, so that the damaged hose or segment can be replaced without difficulty. Once the ruptured hose or pipe has been repaired, the replaced segment gradually fills to its working pressure level. As soon as this occurs, Hose Guard opens the line again for normal operation. Hose Guard protects personnel, machinery and plant against damage if a pneumatic system or hose ruptures, complies with the EU standard DIN EN ISO 4414: 2010, 2011-04 - § 5.4.5.11, is reliable and tamper-proof, can be installed in any pneumatic system, bears the TÜV test mark 01-02-0145.

**Housing:** Aluminium  
**Piston:** Polyacetate (G 1/4 to G 1/2); Aluminium (G 3/4 to G 2)  
**O-ring:** NBR  
**max. inlet pressure:** 18 bar (G 1/4 to G 3/4); 35 bar (G 1 to G 2)  
**Temp. range:** -20 °C to +80 °C (G 1/4 to G 1/2), -20 °C to +120 °C (G 3/4 to G 2)  
**Installation:** Upstream of a coupling (connector between hard piping and junction box/coupling) and downstream of a service unit

**Note:** Further information on request

**Ordering information:** ATTENTION: For suitable hoses, please check the respective data sheet.

Identification	Thread	AF	Length
		mm	mm
K-07 30 24 84	G 1/4 male/female	22	57,0
K-07 30 24 86	G 3/8 male/female	27	76,0
K-07 30 24 83	G 1/2 male/female	30	80,0
K-07 30 24 88	G 1/4 female/female	22	48,0
K-07 30 24 90	G 3/8 female / female	27	59,0
K-07 30 24 87	G 1/2 female/female	30	65,0
K-07 30 24 89	G 3/4 female/female	36	76,0
K-07 30 24 82	G 1 female/female	50	100,0
K-07 30 24 85	G 2 female/female	80	130,0

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHBRUCHSICHERUNG>

**K-DREHBARE VERSCHRAUBUNG**

## Swivel adapters



Identification	Ø hose internal	Ø hose external	Thread	AF
	mm	mm		mm
K-07 10 10 06	5,0	8,0	G 1/4	17
K-07 10 10 07	6,3	9,5	G 1/4	17
K-07 10 10 08	8,0	12,0	G 3/8	19

**Web:** <http://cat.hansa-flex.com/en/KDREHBAREVERSCHRAUBUNG>



**K-DREHBARE VERSCHR KNICK**

Swivel adapters with kink protector

**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm	Thread	AF mm
K-07 10 10 01	3,1	4,7	R 1/8	11
K-07 10 10 02	4,8	6,3	R 1/4	14
K-07 10 10 03	6,3	7,9	R 1/4	14
K-07 10 10 04	7,9	9,5	R 1/4	15
K-07 10 10 05	9,5	11,8	R 3/8	19

**Web:** <http://cat.hansa-flex.com/en/KDREHBAREVERSCHRKNICK>**K-STARRE VERSCHRAUBUNG**

Rigid adapters with kink protector

**Note:** Further information on request

Identification	Ø hose internal mm	Ø hose external mm	Thread	AF mm
K-07 10 09 92	4,0	6,0	G 1/8	12
K-07 10 09 93	6,0	8,0	G 1/8	12
K-07 10 09 94	4,0	6,0	G 1/4	17
K-07 10 09 95	6,0	8,0	G 1/4	17
K-07 10 09 96	8,0	10,0	G 1/4	17
K-07 10 09 97	9,0	12,0	G 1/4	17
K-07 10 09 98	6,0	8,0	G 3/8	19
K-07 10 09 99	8,0	10,0	G 3/8	19
K-07 10 10 00	9,0	12,0	G 3/8	19

**Web:** <http://cat.hansa-flex.com/en/KSTARREVERSCHRAUBUNG>

**K-SCHLAUCH KLEMMLEISTE**

## Multiple hose holders

Colour: blue

**Note:** Further information on request

Identification	for external hose Ø mm
K- 07 10 09 84	6
K- 07 10 09 85	8
K- 07 10 09 86	10

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHKLEMMLEISTE>**K-SCHLAUCHABSCHNEIDER BIS 14**

## Hose cutters (up to O.D. 14 mm)

**Note:** Further information on request

Identification	Designation
K- 07 10 09 38	Hose cutter
K- 07 10 09 41	Replacement blade

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHABSCHNEIDERBIS14>**K-DRUCKLUFT-SCHLAUCHTROM**

## Compressed air hose reels

Including 20 m high-quality, PVC braided hose, one-hand couplings (DN 7.2) and all connectors

**Note:** Further information on request

Identification	Hose size
K- 07 10 06 12	12 mm x 6 mm
K- 07 10 06 13	15 mm x 9 mm

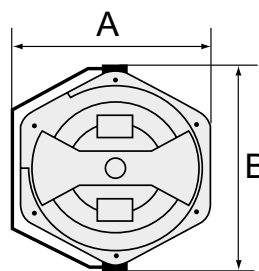
**Web:** <http://cat.hansa-flex.com/en/KDRUCKLUFTSCHLAUCHTROM>

**K-SCHL-AUFROLLER LUFT**

## Hose reels for compressed air

For easy mounting on the wall or ceiling. Closed, rugged, impact-resistant housing made of POM, supply/outlet R 1/4 male thread and lightweight, hard-wearing, oil-resistant polyurethane hose. Incl. 2 m feeder hose (not Art. K-07100618).

**Hose material:** Braided polyurethane  
**Operating pressure:** Max. 16 bar; 13.5 x 9.5 mm hose: max. 12 bar  
**Operating temperature:** -20 °C to +60 °C  
**Swivel angle:** 300°



**Note:** Further information on request

Identification	Hose size	A mm	B mm	Hose length m
K-07 10 06 18	12 mm x 8 mm	394,5	436,0	7
K-07 10 06 19	12 mm x 8 mm	361,0	390,0	10
K-07 10 06 20	12 mm x 8 mm	394,5	436,0	16
K-07 10 06 21	13,5 mm x 9,5 mm	394,5	436,0	14

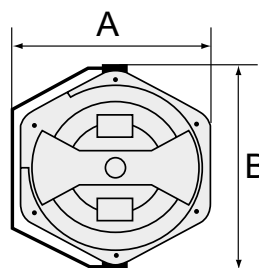
**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERLUFT>

**K-SCHL-AUFROLLER LUFT H**

## Hose reels for compressed air, high flow capacity

Specially designed to ensure a high flow capacity. Easy mounting on the wall or ceiling. Closed, rugged, impact-resistant housing made of POM, supply/outlet R 1/4 male thread and lightweight, hard-wearing, oil-resistant polyurethane hose. Incl. 2 m feeder hose.

**Hose material:** Braided polyurethane  
**Operating pressure:** max. 12 bar  
**Operating temperature:** -20 °C to +60 °C  
**Swivel angle:** 300°



**Note:** Further information on request

Identification	Hose size	A mm	B mm	Hose length m
K-07 10 06 14	16 mm x 11 mm	394,5	436,0	10

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERLUFTH>

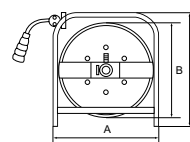
**K-SCHL-AUFROLLER MOBIL**

## Hose reels for mobile applications

Specially designed for mobile applications. This 50 m long polyurethane hose is mounted in a portable four-wheel cart made from blue anodised steel. An automatic latching mechanism allows the hose to be engaged at any length. Enclosed spring. Precise locking device for continuous feeding or latching mechanism. Reel guide prevents excessive wear on the hose.

**Hose material:** Polyurethane  
**Operating pressure:** Max. 10 bar  
**Operating temperature:** -10 °C to +40 °C  
**Inlet:** Hose stem 8 mm  
**Connecting thread:** Coupling G 3/8

**Note:** Further information on request

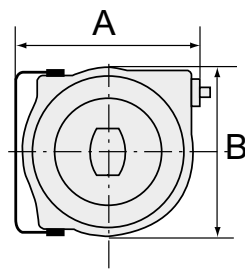


Identification	Hose size	A mm	B mm	C mm	Hose length m
K-07 10 06 16	12 mm x 8 mm	452,0	400,0	460,0	50

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERMOBIL>

**K-SCHL-AUFROLLER LU WA L**

## Hose reels for compressed air and water, lightweight type



High-quality, impact-resistant polypropylene housing. An automatic latching mechanism allows the hose to be engaged at any length. Enclosed spring. Precise locking device for continuous feeding or stop function. Reel guide prevents excessive wear on the hose.

**Hose material:** PVC  
**Operating pressure:** max. 12 bar (K-07100622); max. 20 bar (K-07100623)  
**Operating temperature:** max. +60 °C  
**Inlet nozzle:** G 1/4  
**Swivel angle:** 180°

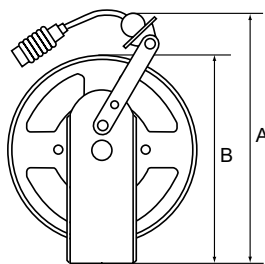
**Note:** Further information on request

Identification	Hose size	A mm	B mm	Hose length m
K-07 10 06 22	12 mm x 8 mm	340,0	311,0	8
K-07 10 06 23	12 mm x 6 mm	445,0	400,0	15

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERLUWAL>

**K-SCHL-AUFROLLER LU WA S**

## Hose reels for compressed air and water, heavy-duty type



Heavy-duty steel design for industrial applications. Blue, powder-coated housing. An automatic latching mechanism allows the hose to be engaged at any length. Enclosed spring. Precise locking device for continuous feeding or latching mechanism. Reel guide prevents excessive wear on the hose.

**Hose material:** Polyurethane  
**Operating pressure:** Max. 10 bar  
**Operating temperature:** -10 °C to +40 °C  
**Mounting:** Wall, floor or ceiling  
**Inlet:** Hose stem 8 mm

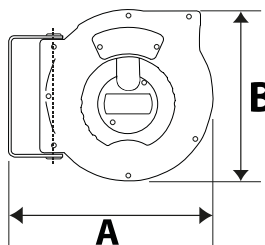
**Note:** Further information on request

Identification	Hose size	A mm	B mm	Hose length m
K-07 10 06 24	10 mm x 6,5 mm	420,0	353,0	10
K-07 10 06 25	10 mm x 6,5 mm	420,0	353,0	20
K-07 10 06 26	12 mm x 8 mm	420,0	353,0	15
K-07 10 06 27	16 mm x 11 mm	420,0	353,0	15

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERLUWAS>

**K-SCHL-AUFROLLER STANDARD**

## Hose reel - standard type



Hose reel with automatic rewind and spring assembly. Robust hose locking mechanism, impact resistant plastic casing. Swivel wall mount made made from coated steel. Easy mounting on the wall or ceiling.

**Hose material:** Polyurethane (PUR)  
**Operating temperature:** max +40 °C  
**Applications:** for compressed air and water  
**Swivel angle:** 150°

**Note:** Further information on request

Identification	Hose size	A mm	B mm	Thread outlet	Thread inlet	Max. working pressure bar	Hose length m
K-07 10 11 03	12 mm x 8 mm	325,0	275,0	G 1/4 AG	G 1/4 female thread	10	9
K-07 10 11 04	12 mm x 8 mm	355,0	315,0	G 1/4 AG	G 1/4 female thread	15	12

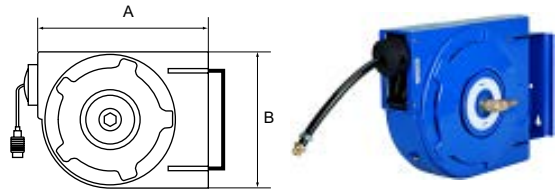
**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERSTANDARD>

**K-SCHL-AUFROLLER KOMPAKT**

## Hose reel, compact type

A compact, lightweight hose reel for universal air applications whenever space is restricted.

<b>Hose material:</b>	Polyurethane
<b>Operating pressure:</b>	Max. 10 bar
<b>Operating temperature:</b>	-10 °C to +40 °C
<b>Swivel angle:</b>	180°
<b>Connection:</b>	G 1/4
<b>Inlet:</b>	Hose stem 8 mm
<b>Housing:</b>	Rugged, impact-resistant polypropylene



**Note:** Further information on request

Identification	Hose size	A mm	B mm	Hose length m
K- 07 10 06 15	12 mm x 8 mm	340,0	245,0	7

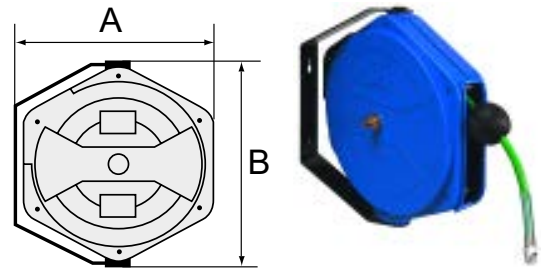
**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERKOMPAKT>

**K-SCHL-AUFROLLER WASSER**

## Hose reels for water

For easy mounting on the wall or ceiling. Closed, rugged, impact-resistant housing made of POM, supply/outlet R 1/4 male thread and lightweight, hard-wearing, braided PVC hose. Incl. 2 m feeder hose.

<b>Hose material:</b>	Braided PVC
<b>Operating pressure:</b>	Max. 9 bar
<b>Operating temperature:</b>	+5 °C to +60 °C
<b>Swivel angle:</b>	300°



**Note:** Further information on request

Identification	Hose size	A mm	B mm	Hose length m
K- 07 10 06 17	13 mm x 9,5 mm	394,5	436,0	14

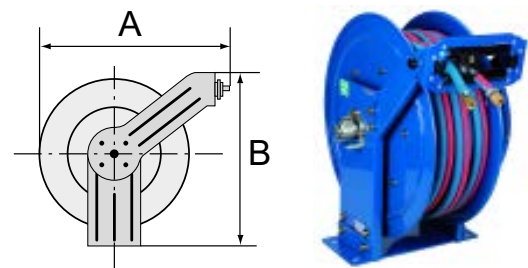
**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERWASSER>

**K-SCHL-AUFROLLER SCHWEISS**

## Hose reel, welding type

Heavy-duty steel design for industrial applications. Blue, powder-coated housing. Special reel guide prevents excessive wear on the hose. An automatic latching mechanism allows the hose to be engaged at any length. Enclosed spring. Precise locking device for continuous feeding or latching mechanism.

<b>Hose material:</b>	Welding hose for oxygen and acetylene, red and blue, made from synthetic rubber.
<b>Operating pressure:</b>	Max. 10 bar
<b>Mounting:</b>	Wall, floor or ceiling
<b>Inlet:</b>	Oxygen G 1/4 male, right-hand thread with 60° inside cone, Acetylene G 3/8 male, left-hand thread with 60° inside cone



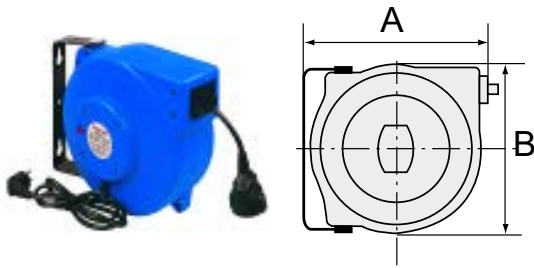
**Note:** Further information on request

Identification	Hose size	Height mm	Diameter mm	Hose length m
K- 07 10 06 28	Oxygen: 16.5 mm x 6 mm, Acetylene: 17 mm x 10 mm	360	320	15

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUFROLLERSCHWEISS>

**K-ELEKTRO-KABELAUFROLL POLY**

Electrical cable reel (polypropylene) easy mounting on the wall or ceiling



High-quality, polypropylene housing. Includes a thermal circuit breaker. In case of overloading, a thermal overload protective circuit cuts off the electrical power supply automatically.

**Cable type:** HO5VV-F  
**Current:** Max. 10 A  
**Connection:** Schuko plug  
**For voltage:** 230 V, 50 Hz  
**Power input:** Max. 1000 W (fully wound), max. 2000 W (fully unwound)  
**Swivel angle:** 180°

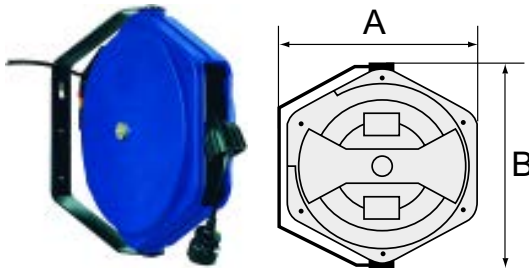
**Note:** Further information on request

Identification	A mm	B mm	Length m
K-07 10 03 48	335,0	290,0	15

**Web:** <http://cat.hansa-flex.com/en/KELEKTROKABELAUFROLLPOLY>

**K-ELEKTRO-KABELAUFROLL POM**

Electrical cable reels (POM) easy mounting on the wall or ceiling



Closed, rugged, impact-resistant housing made of POM. Includes a thermal circuit breaker. In case of overloading, a thermal overload protective circuit cuts off the electrical power supply automatically.

**Cable:** PVC 3 x 1.5 mm<sup>2</sup>  
**Current:** Max. 16 A  
**Connection:** Schuko plug  
**Power input:** Max. 1000 W (fully wound), max. 3500 W (fully unwound)

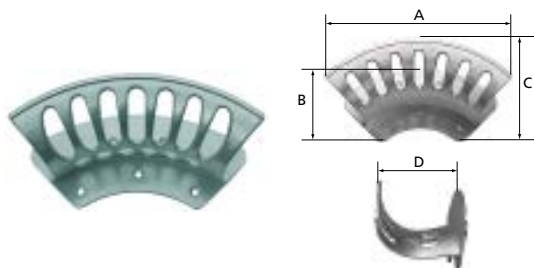
**Note:** Further information on request

Identification	A mm	B mm	Length m	Voltage
K-07 10 03 46	394,5	436,0	10	max. 230V
K-07 10 03 47	394,5	436,0	17	max. 230V

**Web:** <http://cat.hansa-flex.com/en/KELEKTROKABELAUFROLLPOM>

**K-SCHLAUCHHALTER ALU**

Hose holders, aluminium unpainted



Easy mounting on the wall with variable hole pattern (7 drilled holes). Suitable for holding hoses, cables or ropes. Unpainted. Countersunk holes guarantee a smooth surface in the mounting area.

**Material:** Aluminium, unpainted

**Note:** In combination with the rounded holder design, the fact that a small hose holder can be placed inside a large one, or a medium hose holder inside a maxi one, creates extra storage capacity without any increase in the space required.

Identification	Size	A mm	B mm	C mm	D mm	max. hose capacity
K-07 10 09 88	Small	189,0	86,0	82,0	70,0	For DN 6, 35-40 m
K-07 10 09 89	Medium	254,0	113,0	108,0	106,0	For DN 9, 45-50 m
K-07 10 09 90	Large	350,0	151,0	145,0	136,0	For DN 13, 45-50 m
K-07 10 09 91	Maxi	389,0	170,0	160,0	188,0	For DN 26, 35-40 m

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHHALTERALU>

## LH MM

## Air jet gun

**Connection:** Hose connection  
**Temp. min.:** -20 °C  
**Temp. max.:** 100 °C  
**Material:** Aluminium



Identification	Operating pressure	for hose ID mm	Inches
LH 06 MM	PN 12	6	1/4"
LH 09 MM	PN 12	9	3/8"

**Web:** <http://cat.hansa-flex.com/en/LHMM>

## K-LH MM ALU

## Blow-off valve, aluminium, straight type

Robust, ergonomic blow-off valve for continuous duty under extreme conditions.

**Operating pressure:** max. 12 bar  
**Operating temperature:** -20 °C to +100 °C  
**Nozzles and extension  
nozzles:** Thread G 3/8



**Note:** Further information on request

Identification	Connection
K- 07 10 00 01	Stem, I.D. 6
K- 07 10 00 02	Stem, I.D. 9
K- 07 10 00 03	Stem, I.D. 13
K- 07 10 00 04	connection nipples for coupling NW 7,2
K- 07 10 00 05	G 1/4 female

**Web:** <http://cat.hansa-flex.com/en/KLHMMALU>

## LP MM

## Air jet gun

**Connection:** Hose connection  
**Temp. min.:** -20 °C  
**Temp. max.:** 100 °C  
**Material:** Aluminium



Identification	Operating pressure	for hose ID mm	Inches
LP 06 MM	PN 12	6	1/4"
LP 09 MM	PN 12	9	3/8"

**Web:** <http://cat.hansa-flex.com/en/LPMM>

**LP-LKS**

**Compressed air gun with plug in connection**



**Pneumatic Type:** Push-in plug for DN 7.2 couplings  
**Temp. min.:** -20 °C  
**Temp. max.:** 100 °C  
**Material:** Aluminium

Identification	Operating pressure
LP-LKS	PN 12

**Web:** <http://cat.hansa-flex.com/en/LPLKS>

**K-LP DAEMPFERDUESE**

**Blow guns with silencer nozzle**



Standard type. For blowing out and cleaning machines, workpieces, bore holes, hollow parts, etc.  
**Operating pressure:** Max. 10 bar  
**Working pressure:** 2 to 6 bar  
**Operating temperature:** -10 °C to +50 °C  
**Nozzles and extension nozzles:** Thread M12x1.25

**Note:** Further information on request

Identification	Connection
K-07 10 00 06	Stem, I.D. 6
K-07 10 00 09	Stem, I.D. 9
K-07 10 00 13	Stem, I.D. 13
K-07 10 00 17	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPDAEMPFERDUESE>

**K-LP STANDARDUESE**

**Blow guns with standard nozzle, bore 1.5 mm**



Standard type. For blowing out and cleaning machines, workpieces, bore holes, hollow parts, etc.  
**Operating pressure:** Max. 10 bar  
**Working pressure:** 2 to 6 bar  
**Operating temperature:** -10 °C to +50 °C  
**Nozzles and extension nozzles:** Thread M12x1.25

**Note:** Further information on request

Identification	Connection
K-07 10 00 12	Stem, I.D. 13
K-07 10 00 16	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPSTANDARDUESE>



**K-LP SCHUTZSCHILD****Blow guns with chip shield (to prevent eye injuries from flyaway chip debris)**

Standard type. For blowing out and cleaning machines, workpieces, bore holes, hollow parts, etc.

**Operating pressure:** Max. 10 bar  
**Working pressure:** 2 to 6 bar  
**Operating temperature:** -10 °C to +50 °C  
**Nozzles and extension nozzles:** Thread M12x1.25



**Note:** Further information on request

Identification	Connection
K- 07 10 00 08	Stem, I.D. 6
K- 07 10 00 11	Stem, I.D. 10
K- 07 10 00 15	Stem, I.D. 13
K- 07 10 00 19	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPSCHUTZSCHILD>

**K-LP ALU O DUESE****Blow guns die-cast aluminium nickel-plated, without nozzle, Safety**

Standard type without nozzle! In combination with the safety nozzles described below, this blow gun meets a wide range of safety requirements. For blowing out and cleaning machines, workpieces, bore holes, hollow parts, etc.

**Operating pressure:** Max. 10 bar  
**Operating temperature:** -10 °C to +50 °C  
**Nozzles and extension nozzles:** Thread M12x1.25



**Note:** Further information on request

Identification	Connection	Connecting thread
K- 07 10 00 07	Stem, I.D. 6	G 1/4
K- 07 10 00 10	Stem, I.D. 9	G 1/4
K- 07 10 00 14	Stem, I.D. 13	G 1/4
K- 07 10 00 18	connection nipples for coupling NW 7,2	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KLPALUODUESE>

**K-LP ALU ELOXIERT****Blow guns (aluminium)**

The classic aluminium gun with the proven silencer nozzle for blowing out and cleaning machines, workpieces, bore holes, hollow parts, etc.

**Operating pressure:** Max. 10 bar  
**Working pressure:** 2 - 6 bar  
**Temperature:** -10 °C to +50 °C  
**Material:** Aluminium  
**Surface:** anodised



Identification	Connection
K- 07 10 02 71	Stem, I.D. 6
K- 07 10 02 72	Stem, I.D. 9



**K-LP ALU ELOXIERT**

(Continued)

**Blow guns (aluminium)**

Identification	Connection
K-07 10 02 73	Stem, I.D. 13
K-07 10 02 74	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPALUELOXIERT>**Accessories:****K-GERAEUSCHDAEMPFERDUESE** - Replacement nozzle**K-LP DOS AL****Variable-control blow guns, aluminium**

The blowing power is steplessly adjusted by the lever action and can be increased up to the maximum level. The blowing force can thus be individually controlled to cover a wide range of applications.

**Operating pressure:** Max. 10 bar  
**Working pressure:** 2 to 6 bar  
**Operating temperature:** -10 °C to +50 °C

**Note:** Further information on request

Identification	Connection	Material
K-07 10 03 30	Stem, I.D. 6	Aluminium
K-07 10 03 31	Stem, I.D. 9	Aluminium
K-07 10 03 32	Stem, I.D. 13	Aluminium
K-07 10 03 33	connection nipples for coupling NW 7,2	Aluminium

**Web:** <http://cat.hansa-flex.com/en/KLPDOSAL>**K-H-LP TYPHOON****High-volume blow guns »Typhoon«**

Steplessly adjustable, lightweight and ergonomically optimised high-volume blow gun with exceptionally high blowing power. The »Typhoon« model, which achieves approximately three times the blowing power of conventional guns, rests comfortably and securely in the hand even when full pressure is applied. Extension tubes can be supplied for blowing out inaccessible points.

**Operating pressure:** Max. 10 bar  
**Nozzles and extension nozzles:** Thread 1/2" - 27 UNS  
**Hand lever:** Die cast aluminium  
**Gun body:** Aluminium

**Note:** Further information on request

Identification	Connection	Connecting thread
K-07 10 00 20	Stem, I.D. 6	G 1/4
K-07 10 00 22	Stem, I.D. 9	G 1/4
K-07 10 00 24	Stem, I.D. 13	G 1/4
K-07 10 00 26	connection nipples for coupling NW 7,2	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KHLPTYPHOON>

**K-H-LP TYPHOON PRO**

## High-volume blow gun »Typhoon pro«

Steplessly adjustable and ergonomically optimised high-volume blow gun in full metal housing with exceptionally high blowing power. The »Typhoon pro« model, which achieves approximately three times the blowing power of conventional guns, rests comfortably and securely in the hand even when full pressure is applied. Resistant to chemicals and chemical solvents, with a chrome-plated surface for easy cleaning!

**Operating pressure:** Max. 10 bar  
**Nozzle:** Chrome-plated brass  
**Nozzles and extension nozzles:** Thread 1/2" - 27 UNS  
**Housing:** Chrome-plated aluminium  
**Hand lever:** Die-cast zinc

**Note:** Further information on request



Identification	Connection
K- 07 10 00 28	Stem, I.D. 6
K- 07 10 00 29	Stem, I.D. 9
K- 07 10 00 30	Stem, I.D. 13
K- 07 10 00 31	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KHLPTYPHOONPRO>

**K-H-LP TYPHOON SAFETY**

## High-volume blow guns »Typhoon«, without nozzle, Safety

In combination with the safety nozzles described below, this blow gun meets a wide range of safety requirements. Steplessly adjustable, lightweight and ergonomically optimised high-volume blow gun with exceptionally high blowing power. The »Typhoon« model, which achieves approximately three times the blowing power of conventional guns, rests comfortably and securely in the hand even when full pressure is applied.

**Operating pressure:** Max. 10 bar  
**Nozzles and extension nozzles:** Thread 1/2" - 27 UNS  
**Hand lever:** Die cast aluminium  
**Gun body:** Aluminium

**Note:** Further information on request



Identification	Connection	Connecting thread
K- 07 10 00 21	Stem, I.D. 6	G 1/4
K- 07 10 00 23	Stem, I.D. 9	G 1/4
K- 07 10 00 25	Stem, I.D. 13	G 1/4
K- 07 10 00 27	connection nipples for coupling NW 7,2 - 7,8	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KHLPTYPHOONSAFETY>

**K-LP SCHL SET**

## Spiral hose and blow gun kits

Each hose kit, comprising a spiral hose Nylon (PA), die-cast aluminium nickel-plated blow gun, integrated DN 7.2 quick disconnect coupling and nipple DN 7.2, is ready for immediate use.

**Operating pressure:** Max. 10 bar  
**Media temperature:** -10 °C to +50 °C  
**Blow gun:** Die cast aluminium  
**Spiral hose:** Nylon (PA)

**Note:** Further information on request



Identification	Hose size	Service length m
K- 07 10 07 54	8 mm x 6 mm	2,5
K- 07 10 07 55	8 mm x 6 mm	5,0

**Web:** <http://cat.hansa-flex.com/en/KLPSCHLSET>

**K-PROFI REINIGUNGSPISTOLE**

## Professional industrial spray gun



Ideal for cleaning in industry and manual trades. The thick rubber coating provides thermal insulation for the hot or cold water flowing inside as well as impact protection. The flow rate is controllable with the adjustment screw (using a coin). The steel shackle allows the lever to be latched for extended use. Also suitable for drinking water.

**Operating pressure:** Max. 24 bar  
**Operating temperature:** Max. 50 °C  
**Flow rate:** 25 l/min (at 5 bar)  
**Housing:** Brass with a bare metal surface  
**Valve insert:** chromium steel  
**Rubber coating:** EPDM

**Note:** Further information on request

Identification	Connection
K- 07 10 12 24	G 1/2 female thread

**Web:** <http://cat.hansa-flex.com/en/KPROFIREINIGUNGSPISTOLE>

**K-LP K DUESE**

## Blow guns with short nozzle



For blowing out and cleaning machines, engines, bearings, sliding surfaces, bores of all kinds, hollow parts, moulds, etc.

**Operating pressure:** Max. 10 bar  
**Pressure range:** 1 to 6 bar  
**Temperature:** -20 °C to +50 °C

**Note:** Further information on request

Identification	Connection
K- 07 10 02 50	Stem, I.D. 6
K- 07 10 02 51	Stem, I.D. 9
K- 07 10 02 52	Stem, I.D. 13
K- 07 10 02 53	G 1/4 female
K- 07 10 02 54	connection nipples for coupling NW 5
K- 07 10 02 55	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPKDUESE>

**K-LP SICHERHEITSDUESE**

## Blow guns with safety nozzle



For blowing out and cleaning machines, engines, bearings, sliding surfaces, bores of all kinds, hollow parts, moulds, etc.

**Operating pressure:** Max. 10 bar  
**Pneumatic Type:** Stem, I.D. 6  
**Pressure range:** 1 to 6 bar  
**Temperature:** -20 °C to +50 °C

**Note:** Further information on request

Identification	Connection
K- 07 10 02 56	Stem, I.D. 6
K- 07 10 02 57	Stem, I.D. 9
K- 07 10 02 58	Stem, I.D. 13
K- 07 10 02 59	G 1/4 female



(Continued)

**K-LP SICHERHEITSDUESE**

## Blow guns with safety nozzle

Identification	Connection
K- 07 10 02 60	connection nipples for coupling NW 5
K- 07 10 02 61	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPsICHERHEITSDUESE>

**K-LP VERLAENGERUNGSRÖHR**

## Blow guns with extension tube

For blowing out and cleaning machines, engines, bearings, sliding surfaces, bores of all kinds, hollow parts, moulds, etc.

**Operating pressure:** Max. 10 bar

**Pressure range:** 1 to 6 bar

**Temperature:** -20 °C to +50 °C



**Note:** Further information on request

Identification	Connection
K- 07 10 02 62	Stem, I.D. 6
K- 07 10 02 63	Stem, I.D. 9
K- 07 10 02 64	Stem, I.D. 13
K- 07 10 02 65	G 1/4 female
K- 07 10 02 66	connection nipples for coupling NW 5
K- 07 10 02 67	connection nipples for coupling NW 7,2

**Web:** <http://cat.hansa-flex.com/en/KLPVERLAENGERUNGSRÖHR>

**K-LP FLUESSIGKEIT**

## Air and fluid gun

This multifunctional blow gun effectively cleans surfaces with compressed air, water or cooling lubricant. Meets OSHA safety standards when dead-ended. Precise flow is achieved by adjustable flow settings. Nozzle adjusts from narrow jet to wide beam. Ergonomic, non-slip grip with built-in anti-whip function.

**Operating pressure:** Max. 16 bar

**Flow rate pressure air:** min./max. 200 to 1200 l/min

**Flow rate fluids:** min./max. 5 to 25 l/min

**Temperature:** -20 °C to +60 °C

**Gun body:** POM, TPE, Aluminium



**Note:** Further information on request

Identification	Connection
K- 07 10 11 57	G 1/4 female for Air and fluid
K- 07 10 11 58	connection nipples for coupling NW 7,2 for compressed Air
K- 07 10 11 59	connection nipples for watercoupling-plug

**Web:** <http://cat.hansa-flex.com/en/KLPFLUESSIGKEIT>

**Accessories:**

**K-ZUBEH LP LUF FLUESSIGKEIT** - Accessoires for air and fluid gun

**K-LP DRUR SAFETY****Blow guns with pressure regulator, plastic, Safety**

Pressure regulating safety version. This gun is a more sophisticated version of our successful 38 Series! Ergonomic grip with a very high blowing force. Several possible hanging points thanks to the modified handle. Robust yet lightweight for a long service life. With its ergonomic design, the gun can be used by both left and right-handed users! The integrated tube regulator reduces the output pressure to a safe value in the event of blockage inside the tube or in case of back pressure (e.g. if the gun is placed on a surface or on the operator's skin).

**Operating pressure:** max. 8 bar  
**Temperature:** -20 °C to +60 °C  
**Air pipe:** Nickel-plated brass  
**Gun body:** POM

**Note:** Further information on request

Identification	Connection
K- 07 10 03 42	Stem, I.D. 6
K- 07 10 03 43	Stem, I.D. 9
K- 07 10 03 44	Stem, I.D. 13
K- 07 10 03 45	connection nipples for coupling NW 7,2 - 7,8

**Web:** <http://cat.hansa-flex.com/en/KLPDRURSAFETY>

**Accessories:**

**K-ZUBEHOER LP KUNST 1** - Accessories for plastic blow guns

**K-ZUBEH LP LUF FLUESSIGKEIT** - Accessoires for air and fluid gun

**K-SP KUNSTSTOFF****Spray guns, plastic**

Plastic gun with a lightweight yet robust plastic container. The gun rests in a cradle and can easily be removed or replaced. Suitable for solvents! The spray fan can be adjusted with a throttle.



**Note:** Further information on request

Identification	Connection	Designation
K- 07 10 07 75	With coupler plug for standard NW 7,2 couplings	Spray gun

**Web:** <http://cat.hansa-flex.com/en/KSPKUNSTSTOFF>

**K-SP MIT BECHER****Spray guns with plastic cup**

With plastic cup, capacity approx. 0.7 litres, matte-transparent. Operating pressure: Approx. 2 to 6 bar; Connection: Push-in plug for DN 7.2 coupling. The spray fan of these guns can be adjusted with a nozzle according to requirements: Simply loosen the lock nut, adjust the nozzle and re-tighten the nut.

**Operating pressure:** Max. 10 bar  
**Working pressure:** Approx. 2 - 6 bar



**Note:** Further information on request

Identification	Connection	Designation
K- 07 10 07 73	With coupler plug for standard NW 7,2 couplings	Spray gun with straight spray pipe
K- 07 10 07 74	two parts stem I.D. 6	Spray gun with straight spray pipe and swivelling nozzle

**Web:** <http://cat.hansa-flex.com/en/KSPMITBECHER>

**K-VERL ROHR BASIS LP**

## Extension tube for basis blow guns

**Operating pressure:** Max. 16 bar  
**Temperature:** -20 °C to +60 °C  
**Air pipe:** Nickel-plated brass



**Note:** Further information on request

Identification	Circuit diagram	Designation	Thread
K- 07 10 11 46		Blow pipe with standard nozzle, 90 mm, bent	G 1/4
K- 07 10 11 47		Extension tube with standard nozzle, 300 mm, straight	G 1/4
K- 07 10 11 48		Flexible extension tube with standard nozzle, 400 mm, bendable	G 1/4
K- 07 10 11 49		Extension tube with standard nozzle, 500 mm, straight	G 1/4
K- 07 10 11 50		Blow pipe with Star-Tip nozzle, 90 mm, bent	G 1/4
K- 07 10 11 53		Extension tube with Star-Tip nozzle, 300 mm, straight	G 1/4
K- 07 10 11 54		Extension tube with Star-Tip nozzle, 500 mm, straight	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KVERLROHRBASISLP>

**K-BASIS LP**

## Blow guns, stepless adjustment, for use with extension tubes

With noise-reducing Star-Tip nozzle. Ergonomic grip with a very high blowing force. Several possible hanging points thanks to the modified handle. Robust yet lightweight for a long service life. With its ergonomic design, the gun can be used by both left and right-handed users!

**Operating pressure:** Max. 16 bar  
**Pneumatic Type:** Female thread G 1/4  
**Temperature:** -20 °C to +60 °C  
**Air pipe:** Nickel-plated brass  
**Gun body:** POM



**Note:** Further information on request

Identification	Connection
K- 07 10 11 40	Stem, I.D. 6
K- 07 10 11 41	Stem, I.D. 9
K- 07 10 11 42	Stem, I.D. 13
K- 07 10 11 43	connection nipples for coupling NW 7,2 - 7,8

**Web:** <http://cat.hansa-flex.com/en/KBASISLP>

**K-LP STUFENLOS REGULIERBAR****Blow guns, stepless adjustment, 90 mm tube**

With noise-reducing Star-Tip nozzle. Ergonomic grip with a very high blowing force. Several possible hanging points thanks to the modified handle. Robust yet lightweight for a long service life. With its ergonomic design, the gun can be used by both left and right-handed users!

**Operating pressure:** Max. 16 bar  
**Pneumatic Type:** Female thread G 1/4  
**Temperature:** -20 °C to +60 °C  
**Air pipe:** Nickel-plated brass  
**Gun body:** POM

**Note:** Further information on request

Identification	Connection
K-07 10 03 34	Stem, I.D. 6
K-07 10 03 35	Stem, I.D. 9
K-07 10 03 36	Stem, I.D. 13
K-07 10 03 37	connection nipples for coupling NW 7,2 - 7,8

**Web:** <http://cat.hansa-flex.com/en/KLPSTUFENLOSREGULIERBAR>

**K-LP STUFENLOS REGULIERBAR GE****Blow guns, stepless adjustment, with noise-reducing Star-Tip nozzle, 90 mm tube**

With noise-reducing Star-Tip nozzle. Ergonomic grip with a very high blowing force. Several possible hanging points thanks to the modified handle. Robust yet lightweight for a long service life. With its ergonomic design, the gun can be used by both left and right-handed users!

**Operating pressure:** Max. 16 bar  
**Pneumatic Type:** Stem, I.D. 6  
**Temperature:** -20 °C to +60 °C  
**Air pipe:** Nickel-plated brass  
**Gun body:** POM

**Note:** Further information on request

Identification	Connection	Thread
K-07 10 03 38	Stem, I.D. 6	G 1/4
K-07 10 03 39	Stem, I.D. 9	G 1/4
K-07 10 03 40	Stem, I.D. 13	G 1/4
K-07 10 03 41	connection nipples for coupling NW 7,2 - 7,8	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KLPSTUFENLOSREGULIERBARGE>

**K-DUESE MIT SCHUTZSCHILD****Nozzle with chip shield, M12x1.25 connection**

Suitable for all guns in the K-LP STANDARDDÜSE, K-LP DAEMPFERDÜSE, K-LP SCHUTZSCHILD, K-LP ALU O DÜSE und K-LP DOS AL Series.

**Note:** Further information on request

Identification	Nozzle type
K-07 10 09 15	Nozzle with chip shield

**Web:** <http://cat.hansa-flex.com/en/KDUESEMITSCHUTZSCHILD>



**K-DAEMPFERDUESE****Silencer nozzle, M12x1.25 connection**

Suitable for all guns in the K-LP STANDARDDÜSE, K-LP DAEMPFERDÜSE, K-LP SCHUTZSCHILD, K-LP ALU O DÜSE und K-LP DOS AL Series.

**Material:** Aluminium



**Note:** Further information on request

Identification	Nozzle type
K- 07 10 09 14	Silencer nozzle with sintered metal insert

**Web:** <http://cat.hansa-flex.com/en/KDAEMPFERDUESE>

**K-STANDARDUESE****Standard nozzle (short version) with Ø 1.5 mm bore**

Suitable for all guns in the K-LP STANDARDDÜSE, K-LP DAEMPFERDÜSE, K-LP SCHUTZSCHILD, K-LP ALU O DÜSE und K-LP DOS AL Series.

**Material:** Aluminium



**Note:** Further information on request

Identification	Nozzle type
K- 07 10 09 13	Standard nozzle (short version) with Ø 1.5 mm bore

**Web:** <http://cat.hansa-flex.com/en/KSTANDARDUESE>

**K-DRUCKREGULIERDUESE SAFETY****Regulating nozzle, M12x1,25, Safety**

Regulates the air flow and reduces the pressure by turning the nozzle ring.



**Note:** Further information on request

Identification	Material
K- 07 10 09 16	Aluminium / POM

**Web:** <http://cat.hansa-flex.com/en/KDRUCKREGULIERDUESESAFETY>

## K-VERL DUESE

### Extension nozzles

For blowing out inaccessible points directly.

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Nozzle type
K-07 10 09 31	100 mm long, angled
K-07 10 09 32	150 mm long, angled
K-07 10 09 33	250 mm long, angled
K-07 10 09 34	100 mm long, straight
K-07 10 09 35	150 mm long, straight
K-07 10 09 36	250 mm long, angled
K-07 10 09 37	400 mm long, straight

**Web:** <http://cat.hansa-flex.com/en/KVERLDUESE>

## K-FLACHDUESE LAERMARME

### Low-noise flat nozzles



If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Nozzle width mm	Thread	Length mm	Material	Diagram
K-07 10 09 60		21,5	G 1/4 male	100,0	Nickel-plated brass	11
K-07 10 09 61		29,0	G 3/8 male	100,0	Nickel-plated brass	12
K-07 10 09 62		16,5	G 3/8 male	50,0	Galvanised steel	14
K-07 10 09 63		21,0	G 1/4 male	100,0	Nickel-plated brass	13
K-07 10 09 64		29,0	G 3/8 male	100,0	Nickel-plated brass	15

**Web:** <http://cat.hansa-flex.com/en/KFLACHDUESELAERMARME>

**K-KOMBIDUESE LAERMARME**



## Low-noise combination nozzles

If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Pneumatic Type:** G 1/4 male



**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Nozzle width mm	Length mm	Material	Diagram
K-07 10 09 65		47,0	90,0	Plastic (POM)	16
K-07 10 09 66		51,0	86,5	Aluminium	17

**Web:** <http://cat.hansa-flex.com/en/KKOMBIDUESELAERMARME>

**K-FEINSTRAHLDUENSE LAERMARME**

## Low-noise fine-spray nozzles

If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Material:** Nickel-plated steel, brass



**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Thread	Length mm	Ø nozzles external mm	Diagram
K-07 10 09 54	G 1/4 male	45,0	8	1
K-07 10 09 55	G 1/4 male	45,0	8	2

**Web:** <http://cat.hansa-flex.com/en/KFEINSTRAHLDUENSELAERMARME>


**K-RUNDDUESE LAERMARME**

## Low-noise round nozzles

If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).










**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Thread	Length mm	Ø nozzles external mm	Material	Diagram
K-07 10 09 56		G 3/8 male	55,0	11	Nickel-plated brass	3

**K-RUNDDUESE LAERMARME**

## Low-noise round nozzles

Identification	Circuit diagram	Thread	Length mm	Ø nozzles external mm	Material	Diagram
K-07 10 09 57		G 3/8 male	50,0	10	Aluminium	4
K-07 10 09 58		G 1/4 male	41,0	13	Aluminium	5
K-07 10 09 59		G 1/4 male	46,0	17	Die cast zinc	6
K-07 10 11 14		G 1/4 male	40,0	17	Plastic (POM)	7
K-07 10 11 15		G 1/4 male	35,0	11	Aluminium	8
K-07 10 11 16		G 1/4 male	47,0	19	Die cast zinc	9
K-07 10 11 17		G 1/4 male	55,0	19	Plastic (ABS)	10

**Web:** <http://cat.hansa-flex.com/en/KRUNDDUESELAERMARME>

**K-FLACHDUESE LAERMARME M**




## Low-noise flat nozzles, M12x1.25 connection



If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Material:** Nickel-plated brass

**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Nozzle width mm	Length mm	Diagram
K-07 10 09 28		21,5	100,0	11
K-07 10 09 29		29,0	100,0	12
K-07 10 09 30		21,0	100,0	13

**Web:** <http://cat.hansa-flex.com/en/KFLACHDUESELAERMARMEM>

**K-RUNDDUESE LAERMARME M****Low-noise round nozzles, M12x1.25 connection**

If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).



**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Length mm	Ø nozzles external mm	Material	Diagram
K-07 10 09 24		55,0	11	Nickel-plated brass	3
K-07 10 09 25		50,0	10	Aluminium	4
K-07 10 09 26		41,0	13	Aluminium	5
K-07 10 09 27		46,0	17	Die-cast zinc	6
K-07 10 10 10		55,0	19	Plastic (ABS)	10
K-07 10 10 11		47,0	19	Die cast zinc	9
K-07 10 10 51		41,0	17	Plastic (POM)	7
K-07 10 10 52		35,0	11	Aluminium	8

**Web:** <http://cat.hansa-flex.com/en/KRUNDDUESELAERMARME>

**K-FEINSTRAHLDUE LAERMARME M****Low-noise fine-spray nozzles, M12x1.25 connection**

If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Material:** Nickel-plated steel, brass



**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Length mm	Ø nozzles external mm	Diagram
K-07 10 09 22	45,0	8	1
K-07 10 09 23	45,0	8	2

**Web:** <http://cat.hansa-flex.com/en/KFEINSTRAHLDUELAERMARME>

**K-FLACHDUESE LAERMARME UN**

## Low-noise flat nozzles, 1/2 - 27 UNS connection



If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Material:** Nickel-plated brass

**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Nozzle width mm	Length mm	Material	Diagram
K-07 10 09 48		21,5	100,0	Nickel-plated brass	11
K-07 10 09 49		29,0	100,0	Nickel-plated brass	12
K-07 10 09 50		21,0	100,0	Nickel-plated brass	13

**Web:** <http://cat.hansa-flex.com/en/KFLACHDUESELAERMARMEUN>

**K-RUNDDUESE LAERMARME UN**

## Low-noise round nozzles, 1/2 - 27 UNS connection



If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.

Identification	Circuit diagram	Length mm	Ø nozzles external mm	Material	Diagram
K-07 10 09 44		55,0	11	Nickel-plated brass	3
K-07 10 09 45		50,0	10	Aluminium	4
K-07 10 09 46		41,0	13	Aluminium	5
K-07 10 11 07		35,0	11	Aluminium	8

**Web:** <http://cat.hansa-flex.com/en/KRUNDDUESELAERMARMEUN>

### K-FEINSTRAHLDUE LAERMARME UN

#### Low-noise fine-spray nozzles, 1/2 - 27 UNS connection

If correctly designed, these noise-reducing nozzles guarantee a lower noise level than conventional one-hole types with an identical blowing force. They are usually fitted with a noise-reducing plastic insert and they are recommended by the German BGIA (Institute for Occupational Safety and Health).

**Material:** Nickel-plated steel, brass



**Note:** For noise, air consumption and blowing force values, see diagrams 1-17 in the technical information.




Identification	Length mm	Ø nozzles external mm	Diagram
K- 07 10 09 42	45,0	8	1
K- 07 10 09 43	45,0	8	2

**Web:** <http://cat.hansa-flex.com/en/KFEINSTRAHLDUELAERMARMEUN>

### K-ZUBEHOER LP KUNST 2

#### Accessories for plastic blow guns



Identification	Circuit diagram	Designation
K- 07 10 09 77		Chip shield, fits directly onto the tube.
K- 07 10 09 79		Venturi nozzle for deflecting lightweight chips. Fits directly onto the tube.
K- 07 10 09 81		Chip shield nozzle creates an preventing air flow.

**Web:** <http://cat.hansa-flex.com/en/KZUBEHOERLPKUNST2>

### K-ZUBEH LP ALU

#### Accessories for standard blow guns (series 22)

**Material:** Aluminium



Identification	Designation
K- 07 10 10 49	Extension tube straight, 150 mm
K- 07 10 10 55	Extension tube straight, 300 mm
K- 07 10 10 57	Extension tube straight, 600 mm



**K-ZUBEH LP ALU**

(Continued)

Accessories for standard blow guns (series 22)

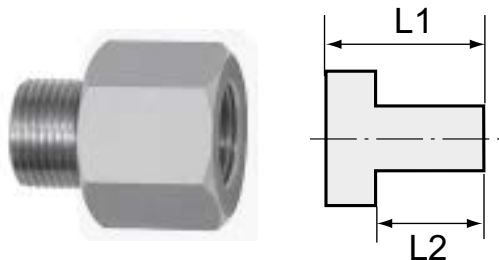
Identification	Designation
K-07 10 10 59	Extension tube straight, 900 mm
K-07 10 10 50	Extension tube bent, 150 mm
K-07 10 10 56	Extension tube bent, 300 mm
K-07 10 10 58	Extension tube bent, 600 mm
K-07 10 10 60	Extension tube bent, 900 mm



Web: <http://cat.hansa-flex.com/en/KZUBEHLPALU>

**K-GEWINDEADAPTER**

Thread adapter for the use of safety nozzles with connection M12x1,25



Identification	Male thread	Female thread	L1 mm	L2 mm	AF mm
K-07 25 19 75	1/2" - 27 UNS	M 12 x 1.25	25,0	9,0	17

Web: <http://cat.hansa-flex.com/en/KGEWINDEADAPTER>

**K-VERL ROHR O DUESE**

Extension tube (without nozzle) for use with safety nozzle with 1/2 "-27 UNS

Material: Aluminium



Identification	Designation
K-07 10 11 05	Extension tube straight, 150 mm
K-07 10 11 08	Extension tube straight, 300 mm
K-07 10 11 10	Extension tube straight, 600 mm
K-07 10 11 12	Extension tube straight, 900 mm
K-07 10 11 06	Extension tube bent, 150 mm
K-07 10 11 09	Extension tube bent, 300 mm
K-07 10 11 11	Extension tube bent, 600 mm
K-07 10 11 13	Extension tube bent, 900 mm



Web: <http://cat.hansa-flex.com/en/KVERLROHRODUESE>



**K-ZUBEH LP LUF FLUESSIGKEIT**

Accessoires for air and fluid gun



1








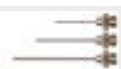

Identification	Designation
K- 07 10 12 19	Magnet holder (for air and fluid gun and plastic blow guns)

**Web:** <http://cat.hansa-flex.com/en/KZUBEHLPLUFFLUESSIGKEIT>

**K-ZUBEH TYPHOON LP**

Accessories for Typhoon high-volume blow guns



Identification	Circuit diagram	Description
K- 07 10 09 47		Extension tube 300 mm
K- 07 10 09 53		Extension tube 600 mm
K- 07 10 09 51		Standard nozzle, 1/2 - 27 UNS male
K- 07 10 09 52		Nozzle for extension tube, 1/2 - 27 UNS female
K- 07 25 19 24		Adapter for Needle Nozzles
K- 07 25 19 25		Needle Nozzle outer-Ø 1,27 mm, length: 30 mm, K-07251924 required
K- 07 25 19 26		Needle Nozzle outer-Ø 1,87 mm, length: 44 mm, K-07251924 required
K- 07 25 19 27		Needle Nozzle outer-Ø 2,43 mm, length: 62 mm, K-07251924 required
K- 07 25 19 28		Needle Nozzle outer-Ø 3,40 mm, length: 70 mm, K-07251924 required





**Web:** <http://cat.hansa-flex.com/en/KZUBEHTYPHOONLP>

## K-ZUBEHOER LP KUNST 1

### Accessories for plastic blow guns



1

Identification	Circuit diagram	Designation
K-07 10 09 76		Set of rubber-tip nozzles (Ø 14, 25, 35 mm) for sensitive surfaces fit directly onto the tube.
K-07 10 09 78		Silencer nozzle, fits directly onto the tube. Noise reducing.
K-07 10 09 80		Bypass nozzle reduces the output pressure to a safe value in case of back pressure. Fits directly onto the tube.
K-07 10 09 82		Silencer nozzle, noise reducing. For use in small rooms, fits directly onto the thread of the air gun.

**Web:** <http://cat.hansa-flex.com/en/KZUBEHOERLPKUNST1>

## K-GERAEUSCHDAEMPFERDUESE

### Replacement nozzle



#### Identification

K-07 10 10 09

**Web:** <http://cat.hansa-flex.com/en/KGERAEUSCHDAEMPFERDUESE>

**K-ERSATZTEILE F SPRUEHPISTOLEN**

## Spare parts for spray guns



Identification	Description
K- 07 10 09 17	Plastic cup, capacity 0.7 litres
K- 07 10 09 18	Plastic lid
K- 07 10 09 19	Metal cup, capacity 0.7 litres
K- 07 10 09 20	Metal lid
K- 07 10 09 21	Cork sealing ring for metal cup

**Web:** <http://cat.hansa-flex.com/en/KERSATZTEILEFSPRUEHPISTOLEN>

**K-HRF STANDARD**

## Tyre gauges - standard type

Robust, standard handheld tyre gauge with rubber sheath, 80 mm. WIKA pressure gauge with dual scale in bar / psi. Hose length 75 cm. With push-in plug, brass, for 7.2 - 7.8 mm coupling.



**Note:** Further information on request

Identification	Measuring range	Note
K- 07 10 11 56	0 to 12 bar/170 psi	Calibrated
K- 07 10 11 55	0 to 12 bar/170 psi	Uncalibrated

**Web:** <http://cat.hansa-flex.com/en/KHRFSTANDARD>

**K-HRF HEBELSTECKER**

## Handheld tyre gauges with tyre valve connector

Single-lever operation: Inflation, deflation and checking with a single handle. To check - lever in home position. To deflate - lever actuated half-way. To inflate - lever fully actuated. High-quality, concentric pressure gauge 80 mm Ø. Available for the following measuring ranges: 0 to 4 bar/50 psi, 0 to 10 bar/140 psi, 0 to 25 bar/350 psi. These pressure gauges are effectively protected against shock and impact by means of a free-standing plastic cap. They can be loaded against gauge pressure and up to the maximum scale value. With push-in plug for DN 7.2 coupling.



**Note:** Further information on request

Identification	Measuring range	Note
K- 07 10 04 10	0 to 4 bar/56 psi	Calibrated
K- 07 10 04 11	0 to 4 bar/56 psi	Uncalibrated
K- 07 10 04 12	0 to 12 bar/170 psi	Calibrated
K- 07 10 04 13	0 to 12 bar/170 psi	Uncalibrated
K- 07 10 04 14	0 to 25 bar/350 psi	Uncalibrated

**Web:** <http://cat.hansa-flex.com/en/KHRFHABELSTECKER>

**K-HRF TANKSTELLENSTECKER**

## Handheld tyre gauges with twin hold-on connector



Single-lever operation: Inflation, deflation and checking with a single handle. To check - lever in home position. To deflate - lever actuated half-way. To inflate - lever fully actuated. High-quality, concentric pressure gauge 80 mm Ø. Available for the following measuring ranges: 0 to 4 bar/50 psi, 0 to 10 bar/140 psi, 0 to 25 bar/350 psi. These pressure gauges are effectively protected against shock and impact by means of a free-standing plastic cap. They can be loaded against gauge pressure and up to the maximum scale value. With push-in plug for DN 7.2 coupling.

**Note:** Further information on request

Identification	Measuring range	Note
K-07 10 04 17	0 to 12 bar/170 psi	Calibrated
K-07 10 04 18	0 to 12 bar/170 psi	Uncalibrated
K-07 10 04 19	0 to 25 bar/350 psi	Uncalibrated

**Web:** <http://cat.hansa-flex.com/en/KHRFTANKSTELLENSTECKER>

**K-HRF MANO**

## Handheld tyre gauges with clip-on connector



Single-lever operation: Inflation, deflation and checking with a single handle. To check - lever in home position. To deflate - lever actuated half-way. To inflate - lever fully actuated. High-quality, concentric pressure gauge 80 mm Ø. Available for the following measuring ranges: 0 to 4 bar/50 psi, 0 to 10 bar/140 psi, 0 to 25 bar/350 psi. These pressure gauges are effectively protected against shock and impact by means of a free-standing plastic cap. They can be loaded against gauge pressure and up to the maximum scale value. With push-in plug for DN 7.2 coupling.

**Note:** Further information on request

Identification	Measuring range	Note
K-07 10 11 35	0 to 4 bar/56 psi	Calibrated
K-07 10 11 36	0 to 4 bar/56 psi	Uncalibrated
K-07 10 11 37	0 to 12 bar/170 psi	Calibrated
K-07 10 11 38	0 to 12 bar/170 psi	Uncalibrated

**Web:** <http://cat.hansa-flex.com/en/KHRFMANO>

**K-HRF MANO 63**

## Handheld tyre gauges, pressure gauge 63 mm Ø, uncalibrated



Single-lever operation: Inflation, deflation and checking with a single handle. To check - lever in home position. To deflate - lever actuated half-way. To inflate - lever fully actuated. High-quality, concentric pressure gauge 80 mm Ø. Available for the following measuring ranges: 0 to 4 bar/50 psi, 0 to 10 bar/140 psi, 0 to 25 bar/350 psi. These pressure gauges are effectively protected against shock and impact by means of a free-standing plastic cap. They can be loaded against gauge pressure and up to the maximum scale value. With push-in plug for DN 7.2 coupling.

**Note:** Further information on request

Identification	Measuring range
K-07 10 04 09	0 to 10 bar/140 psi with car-valve lever plug



(Continued)

**K-HRF MANO 63****Handheld tyre gauges, pressure gauge 63 mm Ø, uncalibrated****Identification**K- 07 10 04 15  
K- 07 10 11 39**Measuring range**0 to 10 bar/140 psi with double filling-station plug  
0 to 10 bar/140 psi with clip-on connector**Web:** <http://cat.hansa-flex.com/en/KHRFMANO63>**K-MANO 2****Pressure gauges****Identification**K- 07 10 09 70  
K- 07 10 09 71  
K- 07 10 09 72  
K- 07 10 09 73**Designation**Pressure gauge 0 to 10 bar/140 psi 63 mm Ø, connection on rear G 1/4 for K-07100409 - K-07100415 gauges  
Pressure gauge 0 to 4 bar/50 psi 80 mm Ø, for plugging for K-07100410 - K-07100411 gauges  
Pressure gauge 0 to 12 bar/170 psi 80 mm Ø, for plugging for K-07100412 - K-07100413 gauges  
Pressure gauge 0 to 25 bar/350 psi 80 mm Ø, for plugging for K-07100414 gauge**Web:** <http://cat.hansa-flex.com/en/KMANO2>**K-ERSATZSCHLAEUICHE****Replacement hoses****Identification**K- 07 10 09 68  
K- 07 10 09 69  
K- 07 10 09 74  
K- 07 10 09 75**Designation**Hose, complete with tyre valve connector for K-07100409 gauge  
Hose, complete with tyre valve connector for K-07100410 - K-07100414 gauges  
Hose, complete with twin hold-on connector for K-07100415 gauge  
Hose, complete with twin hold-on connector for K-07100416 - K-07100419 gauges

**K-ERSATZSCHLAEUCHE**

(Continued)

## Replacement hoses

Identification	Designation
K-07 10 11 51	Hose, complete with clip-on connector for K-07101139 gauge
K-07 10 11 52	Hose, complete with clip-on connector for K-07101135 to K-07101138 gauges



**Web:** <http://cat.hansa-flex.com/en/KERSATZSCHLAEUCHE>

**K-STECKER**

## Connector



Identification	Designation
K-07 10 09 67	Tyre valve connector
K-07 10 11 44	Clip-on connector
K-07 10 11 45	Twin hold-on connector



**Web:** <http://cat.hansa-flex.com/en/KSTECKER>

**K-VSEH AIRCUBE**

## Receptacle combinations »aircube«



Receptacle combination with low power and combined low / high power connection plus additional pneumatic connection.

<b>Housing:</b>	High-quality industrial plastic
<b>Colour:</b>	Black / yellow
<b>Port Aircompression:</b>	1 m tube with connection for 20 x 13 mm air hose and 1 two-way distributor G 1/2
<b>Integrated in the housing:</b>	Hanging eyelet and hooks
<b>Design:</b>	Pre-wired
<b>Connection:</b>	2 x 3-pole terminals (EA 60), 1 x 3-pole terminal (EA 61)
<b>Protection IP:</b>	IP 20

**Note:** Further information on request

Identification	Parts included
K-07 10 03 55	4 Schuko socket 16 A 2p + E 230 V
K-07 10 03 56	3 Schuko socket 16 A 2p + E 230 V, 1 CEEform socket 16 A 5p 400 V

**Web:** <http://cat.hansa-flex.com/en/KVSEHAIRCUBE>

**Accessories:**

**K-ZUBEH VSEH CUBE AIRCUBE** - Accessories for receptacle combinations »cube« and »aircube«

**K-VSEH CUBE**

## Receptacle combinations »cube«

Receptacle combination with low power and combined low / high power connection.

**Housing:** High-quality industrial plastic  
**Integrated in the housing:** Hanging eyelet and hooks  
**Design:** Pre-wired  
**Connection:** 2 x 3-pole terminals (EA 50), 1 x 3-pole terminal (EA 51)  
**Protection IP:** IP 20



**Note:** Further information on request

Identification	Parts included
K-07 10 03 53	4 Schuko socket 16 A 2p + E 230 V
K-07 10 03 54	3 Schuko socket 16 A 2p + E 230 V, 1 CEEform socket 16 A 5p 400 V

**Web:** <http://cat.hansa-flex.com/en/KVSEHCUBE>

**Accessories:**

**K-ZUBEH VSEH CUBE AIRCUBE** - Accessories for receptacle combinations »cube« and »aircube«

**K-VSEH 3-KRAFT**

## Receptacle combinations »3-Kraft«

Receptacle combination with low power, high power or combined connections. Equipped with a pneumatic connection (DN 7.2 coupling with 9 mm stem).

**Housing:** Amaplast with hinged cover  
**Integrated in the housing:** Hanging eyelets, wall mounting fixing and standing feet  
**Design:** Pre-wired  
**Cable entries:** Top: 1 x M 32, 1 x M 25, 2 x M 20; Side: 1 x M 25; One opening at the top for pneumatic connection or grabrails, (all introductions to break)  
**Protection IP:** IP 44



**Note:** Further information on request

Identification	Parts included	Colour
K-07 10 03 50	3 Schuko socket 16 A 2p + E 230 V	yellow
K-07 10 03 49	2 Schuko socket 16 A 2p + E 230 V, 1 CEEform socket 16 A 5p 400 V	silver

**Web:** <http://cat.hansa-flex.com/en/KVSEH3KRAFT>

**Accessories:**

**K-VT 2 KUPPL 7,2 STECKNIP MS** - Distributors with 2 quick disconnect couplings DN 7.2, brass with push in plug DN 7.2 - DN 7.8  
**K-ZUBEH VSEH 3 KRAFT AIRKRAFT** - Accessories for receptacle combinations »3-Kraft« and »airkraft«

**K-VSEH AIRKRAFT**

## Receptacle combinations »airkraft«



Receptacle combination with low power, high power or combined connections. Equipped with a pneumatic connection (DN 7.2 coupling with 9 mm stem).

<b>Housing:</b>	Amoplast with hinged cover
<b>Integrated in the housing:</b>	Hanging eyelets, wall mounting fixing and standing feet
<b>Fusing:</b>	Beneath transparent lid (4 MW)
<b>Design:</b>	Pre-wired
<b>Cable entries:</b>	Top: 1 x M 32, 1 x M 25, 2 x M 20; Side: 1 x M 25; One opening at the top for pneumatic connection(all openings can be cut out)
<b>Protection IP:</b>	IP 44

**Note:** Further information on request

Identification	Parts included	Colour
K-07 10 03 52	4 Schuko socket 16 A 2p + E 230 V	yellow
K-07 10 03 51	3 Schuko socket 16 A 2p + E 230 V, 1 CEEform socket 16 A 5p 400 V	silver

**Web:** <http://cat.hansa-flex.com/en/KVSEHAIRKRAFT>

**Accessories:**

**K-VT 2 KUPPL 7,2 STECKNIP MS** - Distributors with 2 quick disconnect couplings DN 7.2, brass with push in plug DN 7.2 - DN 7.8

**K-ZUBEH VSEH 3 KRAFT AIRKRAFT** - Accessories for receptacle combinations »3-Kraft« and »airkraft«

**K-ZUBEH VSEH CUBE AIRCUBE**

## Accessories for receptacle combinations »cube« and »aircube«



Identification	Designation
K-07 10 08 54	Chain for suspension from the ceiling 3.0 m
K-07 10 08 55	Chain for suspension from the ceiling 5.0 m
K-07 10 08 53	Tension spring for »aircube« model, length: 200 mm, max. length: 500 mm



**Web:** <http://cat.hansa-flex.com/en/KZUBEHVSEHCUBEAIRCUBE>

**K-ZUBEH VSEH 3 KRAFT AIRKRAFT**

## Accessories for receptacle combinations »3-Kraft« and »airkraft«







Identification	Circuit diagram	Designation
K-07 10 08 51		Chains for suspension from the ceiling for »AirKRAFT« model



**K-ZUBEH VSEH 3 KRAFT AIRKRAFT**

## Accessories for receptacle combinations »3-Kraft« and »airkraft«

Identification	Circuit diagram	Designation
K- 07 10 08 50		Chains for suspension from the ceiling for »3KRAFT« model
K- 07 35 12 22		Quick pneumatic connection (DN 7.2 coupling and 9 mm stem)
K- 07 10 08 52		Handle for »3KRAFT« model
K- 07 10 08 56		Cable bushing

**Web:** <http://cat.hansa-flex.com/en/KZUBEHVSEH3KRAFTAIRKRAFT>

**K-TR PA 12**

## Plastic pipes made of polyamide PA 12 (20 pcs.)

Push-in fittings - aluminium pipes - plastic pipes - take-off points. The flexible, maintenance-free compressed air installation system from compressor to take-off point. For Ø 12 mm to Ø 32 mm pipe systems and for Ø 4 mm to Ø 12 mm pneumatic applications

**Operating temperature:** -60 °C to +100 °C (PA 12)

**Properties:** Resistant to corrosion, vibration, impact, ageing, high pressures and heat

**Pipe length:** 3 m

**Packaging unit:** 20 lengths (O.D. 28 mm in packs of 10 lengths), only sold in complete packaging units!

**Material:** Polyamid PA 12, hard (according to DIN 73378)



**Note:** Operating pressure with 2.5 x overpressure safety! Further information on request

Identification	External pipe Ø	Internal pipe Ø	max. working pressure at 20° C	Colour
	mm	mm	bar	
K- 07 10 04 56	12	9	38	blue
K- 07 10 04 58	12	9	38	black
K- 07 10 04 60	15	12	25	blue
K- 07 10 04 62	15	12	25	black
K- 07 10 04 64	18	14	28	blue
K- 07 10 04 66	18	14	28	black
K- 07 10 04 68	22	18	22	blue
K- 07 10 04 70	22	18	22	black
K- 07 10 04 72	28	23	20	blue
K- 07 10 04 74	28	23	20	black

**Web:** <http://cat.hansa-flex.com/en/KTRPA12>

**K-TR PA 612**

## Plastic pipes made of polyamide PA 12 (10 pcs.)

Push-in fittings - aluminium pipes - plastic pipes - take-off points. The flexible, maintenance-free compressed air installation system from compressor to take-off point. For Ø 12 mm to Ø 32 mm pipe systems and for Ø 4 mm to Ø 12 mm pneumatic applications

**Operating temperature:** -60 °C to +100 °C (PA 12)

**Properties:** Resistant to corrosion, vibration, impact, ageing, high pressures and heat

**Pipe length:** 3 m

**Packaging unit:** 10 lengths (O.D. 28 mm in packs of 5 lengths), only sold in complete packaging units!

**Material:** Polyamid PA 12, hard (according to DIN 73378)



**Note:** Operating pressure with 2.5 x overpressure safety! Further information on request

Identification	External pipe Ø	Internal pipe Ø	max. working pressure at 20° C	Colour
	mm	mm	bar	
K- 07 10 04 57	12	9	38	blue



**K-TR PA 612**

(Continued)

Plastic pipes made of polyamide PA 12 (10 pcs.)

Identification	External pipe Ø	Internal pipe Ø	max. working pressure at 20° C		Colour
	mm	mm	bar		
K-07 10 04 59	12	9	38		black
K-07 10 04 61	15	12	25		blue
K-07 10 04 63	15	12	25		black
K-07 10 04 65	18	14	28		blue
K-07 10 04 67	18	14	28		black
K-07 10 04 69	22	18	22		blue
K-07 10 04 71	22	18	22		black
K-07 10 04 73	28	23	20		blue
K-07 10 04 75	28	23	20		black

Web: <http://cat.hansa-flex.com/en/KTRPA612>**K-TR PA 12 ROLLE**

Plastic pipes on coils, polyamide PA 12

Push-in fittings - aluminium pipes - plastic pipes - take-off points. The flexible, maintenance-free compressed air installation system from compressor to take-off point. For Ø 12 mm to Ø 32 mm pipe systems and for Ø 4 mm to Ø 12 mm pneumatic applications

**Operating temperature:** -60 °C to +100 °C (PA 12)

**Properties:** Resistant to corrosion, vibration, impact, ageing, high pressures and heat

**Material:** Polyamid PA 12, hard (according to DIN 73378)



**Note:** Operating pressure with 2.5 x overpressure safety! Further information on request

Identification	Ø hose internal	Ø hose external	max. working pressure at 20° C		Roll length
	mm	mm	bar		m
K-07 10 04 77	9,0	12,0	19		25
K-07 10 04 79	12,0	15,0	15		25
K-07 10 04 81	14,0	18,0	16		25
K-07 10 04 83	18,0	22,0	14		25
K-07 10 04 76	9,0	12,0	19		100
K-07 10 04 78	12,0	15,0	15		100
K-07 10 04 80	14,0	18,0	16		100
K-07 10 04 82	18,0	22,0	14		100
K-07 10 04 84	23,0	28,0	14		50

Web: <http://cat.hansa-flex.com/en/KTRPA12ROLLE>**K-ROHR ALU 20**

Aluminium pipes (20 pcs.)



Push-in fittings - aluminium pipes - plastic pipes - take-off points. The flexible, maintenance-free compressed air installation system from compressor to take-off point. For Ø 12 mm to Ø 32 mm pipe systems and for Ø 4 mm to Ø 12 mm pneumatic applications

**Properties:** corrosion-resistant, electrically insulating

**Pipe length:** 3 m

**Packaging unit:** 20 lengths (O.D. 28 and 32 mm in packs of 10 lengths), only sold in complete packaging units!

**Material:** Surface coated aluminium

**Note:** Further information on request

**Ordering information:** All prices apply per pack!

Identification	External pipe Ø	Internal pipe Ø	max. working pressure at 20° C		Colour
	mm	mm	bar		
K-07 10 02 34	15	13	20		blue
K-07 10 02 36	18	16	20		blue
K-07 10 02 38	22	20	20		blue



(Continued)

**K-ROHR ALU 20**

Aluminium pipes (20 pcs.)

Identification	External pipe Ø	Internal pipe Ø	max. working pressure at 20° C		Colour
	mm	mm	bar		
K- 07 10 02 40	28	26	20		blue
K- 07 10 02 42	32	29	20		blue

**Web:** <http://cat.hansa-flex.com/en/KROHRALU20>**K-ROHR ALU 10**

Aluminium pipes (10 pcs.)

Push-in fittings - aluminium pipes - plastic pipes - take-off points. The flexible, maintenance-free compressed air installation system from compressor to take-off point. For Ø 12 mm to Ø 32 mm pipe systems and for Ø 4 mm to Ø 12 mm pneumatic applications

**Properties:** corrosion-resistant, electrically insulating**Pipe length:** 3 m**Packaging unit:** 10 lengths (O.D. 28 and 32 mm in packs of 5 lengths), only sold in complete packaging units!**Material:** Surface coated aluminium**Note:** Further information on request**Ordering information:** All prices apply per pack!

Identification	External pipe Ø	Internal pipe Ø	max. working pressure at 20° C		Colour
	mm	mm	bar		
K- 07 10 02 35	15	13	20		blue
K- 07 10 02 37	18	16	20		blue
K- 07 10 02 39	22	20	20		blue
K- 07 10 02 41	28	26	20		blue
K- 07 10 02 43	32	29	20		blue

**Web:** <http://cat.hansa-flex.com/en/KROHRALU10>**K-LUFTVERTEILERDOSE KUNST**

Porting box

With five G 1/2 female threads for screwing on adapters and three self-sealing plastic screws for the threaded openings as well as G 1/2 for a quick disconnect coupling.

**Material:** Plastic**Note:** Further information on request

Identification	Colour
K- 07 10 08 76	black

**Web:** <http://cat.hansa-flex.com/en/KLUFTVERTEILERDOSEKUNST>

## K-LUFTVERTEILERDOSE ALU

### Porting box



With 2 plugs

**Material:** Aluminium

**Note:** Further information on request

Identification	Thread outlet	Thread inlet
K-07 10 08 77	3 x G 1/2	G 1/2
K-07 10 08 78	3 x G 1/2	G 3/4

**Web:** <http://cat.hansa-flex.com/en/KLUFTVERTEILERDOSEALU>

## K-ROHRKLEMME

### Pipe clips



For wall mounting the starting PA- or aluminum tubes

**Material:** Polypropylene

**Note:** Further information on request

Identification	for pipe external Ø	Colour
K-07 10 08 79	12 mm	white
K-07 10 08 80	15 mm	white
K-07 10 08 85	18 mm	white
K-07 10 08 90	22 mm	white
K-07 10 08 95	28 mm	white
K-07 10 09 00	32 mm	black

**Web:** <http://cat.hansa-flex.com/en/KROHRKLEMME>

**K-ROHRKLEMME FARBIG**

Pipe clips, coloured

For wall mounting the starting PA- or aluminum tubes

**Material:** Polypropylene**Note:** Further information on request

Identification	for pipe external Ø	Colour	Identification	for pipe external Ø	Colour
K-07 10 08 83	15 mm	black	K-07 10 08 82	15 mm	red
K-07 10 08 88	18 mm	black	K-07 10 08 87	18 mm	red
K-07 10 08 93	22 mm	black	K-07 10 08 92	22 mm	red
K-07 10 08 98	28 mm	black	K-07 10 08 97	28 mm	red
K-07 10 08 81	15 mm	blue	K-07 10 08 84	15 mm	white
K-07 10 08 86	18 mm	blue	K-07 10 08 89	18 mm	white
K-07 10 08 91	22 mm	blue	K-07 10 08 94	22 mm	white
K-07 10 08 96	28 mm	blue	K-07 10 08 99	28 mm	white

**Web:** <http://cat.hansa-flex.com/en/KROHRKLEMMEFARBIG>**K-SICHERUNGSRINGE**

Collet locking clips

**Material:** Plastic

Identification	for pipe external Ø	Colour
K-07 10 09 01	12 mm	red
K-07 10 09 02	15 mm	grey
K-07 10 09 03	18 mm	grey
K-07 10 09 04	22 mm	grey

**Web:** <http://cat.hansa-flex.com/en/KSICHERUNGSRINGE>**K-SCHUTZKAPPE SCHNELLSTECKVERBINDER**

Collet covers

**Material:** Plastic**Note:** Collet covers for the series »speedfit«, fits on all acetal polymer (POM) push-in fittings

Identification	for pipe external Ø	Colour
K-07 10 09 05	12 mm	black
K-07 10 09 06	15 mm	black



## K-SCHUTZKAPPE SCHNELLSTECKVERBINDER

(Continued)

### Collet covers

Identification	for pipe external Ø	Colour
K-07 10 09 07	18 mm	black
K-07 10 09 08	22 mm	black

Web: <http://cat.hansa-flex.com/en/KSCHUTZKAPPE SCHNELLSTECKVERBINDER>

## K-LOESEHILFE

### Release aids

Material: Plastic



Identification	for pipe external Ø
K-07 10 09 09	15 mm
K-07 10 09 10	22 mm
K-07 10 09 11	28 mm

Web: <http://cat.hansa-flex.com/en/KLOESEHILFE>

## K-ENDSTUECK ROHR

### End stops for pipe connections

Material: Plastic



Identification	for pipe external Ø	Length mm
K-07 10 08 60	12 mm	28,0
K-07 10 08 61	15 mm	31,0
K-07 10 08 62	22 mm	38,6

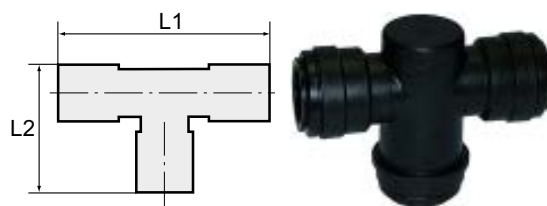
Web: <http://cat.hansa-flex.com/en/KENDSTUECKROHR>

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**K-WASSERABSCHEIDER 22**

## Water trap tee for 22 mm pipe

Prevents penetration of water into the stub

**Material:** Plastic**Note:** Further information on request

Identification	for pipe external Ø	L1 mm	L2 mm
K- 07 10 08 63	22 mm	98,0	48,0

**Web:** <http://cat.hansa-flex.com/en/KWASSERABSCHEIDER22>**K-WASSERABSCHEIDER 28**

## Water trap tee for 28 mm pipe

Solves the problem of moisture in branch lines. Must be used in conjunction with K-07402872! The converter is inserted into the plastic pipe and the pipe into the union tee. By turning the screw cap a quarter turn, the pipe is doubly locked!

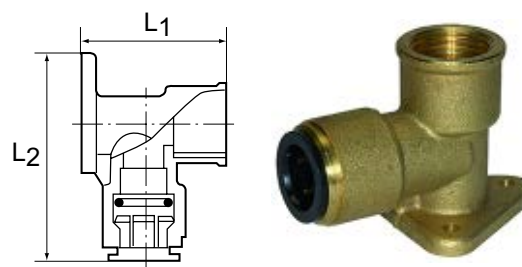
**Material:** Brass**Note:** Further information on request

Identification	for pipe external Ø	Length mm
K- 07 10 08 64	28 mm	24,8

**Web:** <http://cat.hansa-flex.com/en/KWASSERABSCHEIDER28>**K-WANDWINKEL MS**

## wall elbows, brass

**Sealant:** NBR  
**Material:** Brass



Identification	Thread	for pipe external Ø	L1 mm	L2 mm
K- 07 10 08 65	1/2 BSP	15 mm	47,0	66,4
K- 07 10 08 66	3/4 BSP	22 mm	52,0	79,0

**Web:** <http://cat.hansa-flex.com/en/KWANDWINKELMS>

**K-EINSCHR ST MS**

## Wingback elbows, brass

Material: Brass



Identification	Thread	for pipe external Ø	Length mm
K-07 10 08 67	1/2 BSPT	15 mm	60,0
K-07 10 08 68	3/4 BSPT	22 mm	68,0
K-07 10 08 69	3/4 BSP	28 mm	80,0
K-07 10 08 70	1 BSP	28 mm	74,5

Web: <http://cat.hansa-flex.com/en/KEINSCHRSTMS>**K-EINSCHR VB MS**

## Male stem adapters, brass

Material: Brass



Identification	Thread	for pipe external Ø	Length mm
K-07 10 08 71	1/2 BSPT	15 mm	38,0
K-07 10 08 72	3/4 BSPT	22 mm	52,0
K-07 10 08 73	1 BSPT	28 mm	68,1

Web: <http://cat.hansa-flex.com/en/KEINSCHRVBMS>**K-GAM MS**

## Straight adapters, female thread, brass

Material: Brass



Identification	Thread	for pipe external Ø	Length mm
K-07 10 08 74	1/2 BSP	15 mm	54,0
K-07 10 08 75	3/4 BSP	22 mm	64,5

Web: <http://cat.hansa-flex.com/en/KGAMMS>



**K-ROHSCHN ALU****Aluminium pipe cutter incl. Deburrer**

Push-in fittings - aluminium pipes - plastic pipes - take-off points. The flexible, maintenance-free compressed air installation system from compressor to take-off point. For  $\varnothing$  12 mm to  $\varnothing$  32 mm pipe systems and for  $\varnothing$  4 mm to  $\varnothing$  12 mm pneumatic applications



Identification	for pipe external $\varnothing$
K- 07 10 08 57	4 - 30 mm

**Web:** <http://cat.hansa-flex.com/en/KROHSCHNALU>

**K-GEWINDEDICHTFADEN****Thread sealant**

Universal, non-curing thread sealant in the form of impregnated nylon yarn. Applications: All combinations of metal and plastic threads. Drinking and waste water, Gas, compressed air and industrial oils. Aqueous and non-aqueous fluids up to +130°C. Clean processing, adjustable, non-curing, odourless, good chemical resistance.

**Approvals:** DVGW-compliance acc. DIN 751-1 and DIN 30660, Testing sign DV-5142 AU 0166, KTW-compliance for Hotwater up to +95 °C and pressure up to 16 bar.



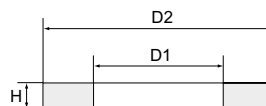
**Note:** Further information on request

Identification	Contents
K- 07 10 00 33	m 150

**Web:** <http://cat.hansa-flex.com/en/KGEWINDEDICHTFADEN>

**K-DICHTRINGE VULKANFIBER****Sealing rings, fibre, max. temperature 75 °C**

**Temperature:** Max. +75 °C  
**Material:** Vulcanised fibre



**Note:** Further information on request

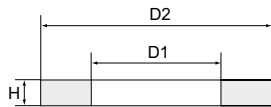
**Ordering information:** All seals are only sold in packaging units of 100 x. Tolerances refer to data sheets.

Identification	for thread	D1 mm	D2 mm	H mm
K- 07 10 02 88	M 5	5,1	8,0	1,0
K- 07 10 02 92	G 1/2	21,0	28,0	2,0
K- 07 10 02 90	G 1/4	13,2	18,0	1,5
K- 07 10 02 91	G 3/8	16,8	22,0	1,5
K- 07 10 02 94	G 1	33,3	38,9	2,0
K- 07 10 02 93	G 3/4	26,5	33,0	2,0
K- 07 10 02 89	G 1/8	10,0	13,0	1,5

**Web:** <http://cat.hansa-flex.com/en/KDICHTRINGEVULKANFIBER>

**K-DICHTRINGE POLYAMID**

Sealing rings, polyamide, max. temperature 80 °C



**Temperature:** Max. +80 °C  
**Material:** Polyamide

**Note:** Further information on request

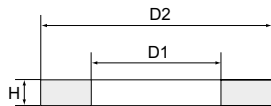
**Ordering information:** All seals are only sold in packaging units of 100 x. Tolerances refer to data sheets.

Identification	for thread	D1 mm	D2 mm	H mm
K-07 10 02 95	M 5	5,1	8,0	1,0
K-07 10 02 99	G 1/2	21,0	28,0	1,5
K-07 10 02 97	G 1/4	13,2	18,0	1,5
K-07 10 02 98	G 3/8	16,8	22,0	1,5
K-07 10 03 01	G 1	33,3	38,9	2,0
K-07 10 03 00	G 3/4	26,8	33,0	2,0
K-07 10 02 96	G 1/8	10,0	13,0	1,5

**Web:** <http://cat.hansa-flex.com/en/KDICHTRINGEPOLYAMID>

**K-DICHTRINGE ALU**

Sealing rings, aluminium, max. temperature 250 °C



**Temperature:** Max. +250 °C  
**Material:** Aluminium

**Note:** Further information on request

**Ordering information:** All seals are only sold in packaging units of 100 x. Tolerances refer to data sheets.

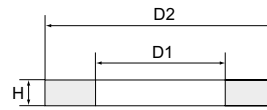
Identification	for thread	D1 mm	D2 mm	H mm
K-07 10 03 02	M 5	5,1	8,0	1,0
K-07 10 03 06	G 1/2	21,0	28,0	1,5
K-07 10 03 04	G 1/4	13,3	18,0	1,5
K-07 10 03 05	G 3/8	17,0	21,8	1,5
K-07 10 03 08	G 1	33,3	38,9	2,0
K-07 10 03 07	G 3/4	26,5	33,0	2,0
K-07 10 03 03	G 1/8	10,0	13,8	1,5

**Web:** <http://cat.hansa-flex.com/en/KDICHTRINGEALU>

**K-DICHTRINGE KUPFER**

Sealing rings, copper, max. temperature 250 °C

**Temperature:** Max. +250 °C  
**Material:** Copper



**Note:** Further information on request

**Ordering information:** All seals are only sold in packaging units of 100 x. Tolerances refer to data sheets.

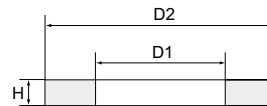
Identification	for thread	D1 mm	D2 mm	H mm
K-07 10 03 09	M 5	5,2	8,0	1,0
K-07 10 03 13	G 1/2	21,3	27,9	2,0
K-07 10 03 11	G 1/4	13,2	17,9	1,5
K-07 10 03 12	G 3/8	16,8	22,0	1,5
K-07 10 03 15	G 1	33,3	38,9	2,0
K-07 10 03 14	G 3/4	26,5	33,0	2,0
K-07 10 03 10	G 1/8	10,2	13,4	1,0

**Web:** <http://cat.hansa-flex.com/en/KDICHTRINGEKUPFER>

**K-DICHTRINGE PTFE**

Sealing rings, PTFE (PTFE), max. temperature 260 °C

**Temperature:** Max. +260 °C  
**Material:** PTFE



**Note:** Further information on request

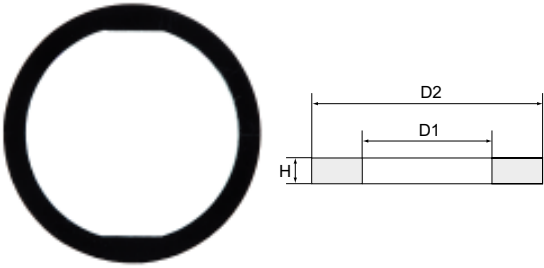
**Ordering information:** All seals are only sold in packaging units of 100 x. Tolerances refer to data sheets.

Identification	for thread	D1 mm	D2 mm	H mm
K-07 10 03 16	M 5	5,1	8,0	1,0
K-07 10 03 20	G 1/2	21,0	28,0	1,5
K-07 10 03 18	G 1/4	13,2	18,0	1,5
K-07 10 03 19	G 3/8	16,8	22,0	1,5
K-07 10 03 22	G 1	33,3	38,9	2,0
K-07 10 03 21	G 3/4	26,5	33,0	2,0
K-07 10 03 17	G 1/8	10,0	13,0	1,5

**Web:** <http://cat.hansa-flex.com/en/KDICHTRINGEPTFE>

**K-DICHTRING PVC**

Captive seals, PVC, max. temperature 70 °C

**Note:** Further information on request**Ordering information:** All seals are only sold in packaging units of 100 x. Tolerances refer to data sheets.

Identification	for thread	D1 mm	D2 mm	H mm
K-07 10 03 23	M 5	5,0	8,0	1,2
K-07 10 03 27	G 1/2	21,0	25,4	2,0
K-07 10 03 25	G 1/4	13,1	17,9	1,8
K-07 10 03 26	G 3/8	16,8	21,4	1,8
K-07 10 03 29	G 1	33,4	40,0	2,0
K-07 10 03 28	G 3/4	26,6	32,0	2,0
K-07 10 03 24	G 1/8	9,9	13,9	1,8

**Web:** <http://cat.hansa-flex.com/en/KDICHTRINGPVC>**K-AN 305-77**

Lock AN 305-77



**Applications:** For locking and sealing pipe threads up to M80/R3"  
**Strength:** Medium strength  
**Viscosity:** High viscosity  
**Thermally stable:** -60 °C to +150 °C  
**Standard:** acc. to DVGW-rules

**Note:** Further information on request

Identification	Contents
K-07 10 11 29	50 ml
K-07 10 11 28	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30577>

**K-AN 306-03****Lock AN 306-03**

**Applications:** screw locking for all threads to M12  
**Special features:** as well as joint connection for bearings, shafts and bushings, difficult to separate  
**Strength:** High strength  
**Viscosity:** low viscosity  
**Thermally stable:** -60 °C to +150 °C



**Note:** Further information on request

Identification	Contents
K- 07 10 11 31	50 ml
K- 07 10 11 30	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30603>

**K-AN 301-72****Lock AN 301-72**

Non-classified adhesive for sensitive production areas. Thermal stability: -60 °C to +200 °C- Very good strength- Good chemical resistance after curing- High level of safety and health at work- No irritation to eyes, nose or throat- DVGW certified, also suitable for use in the food, pharmaceutical and cosmetics industries- No marking with hazard symbols in accordance with EC Regulation No. 1907/2006 - ISO 11014-1

**Applications:** Tube and surface seal with PTFE  
**Strength:** Medium strength  
**Viscosity:** High viscosity  
**Thermally stable:** -60 °C to +200 °C  
**Standard:** acc. to DVGW-rules



**Note:** Further information on request

Identification	Contents
K- 07 10 04 47	50 ml
K- 07 10 04 46	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30172>

**K-AN 302-21****Lock AN 302-21**

**Applications:** Vibration locking all screws and threads up to size M12, Screw- and thread locking  
**Special features:** easy disassembly  
**Strength:** Low strength  
**Viscosity:** low viscosity  
**Thermally stable:** -60 °C to +150 °C



**Note:** Further information on request

Identification	Contents
K- 07 10 11 25	50 ml
K- 07 10 11 24	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30221>

**K-AN 301-43****Lock AN 301-43**

Non-classified adhesive for sensitive production areas. Thermal stability: -60 °C to +150 °C- Very good strength- Good chemical resistance after curing- High level of safety and health at work- No irritation to eyes, nose or throat- DVGW certified, also suitable for use in the food, pharmaceutical and cosmetics industries- No marking with hazard symbols in accordance with EC Regulation No. 1907/2006 - ISO 11014-1

**Applications:** Screw- and thread locking  
**Strength:** Medium strength  
**Viscosity:** Higher viscosity  
**Thermally stable:** -60 °C to +150 °C

**Note:** Further information on request

Identification	Contents
K- 07 10 04 43	50 ml
K- 07 10 04 42	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30143>

**K-AN 301-70****Lock AN 301-70**

Non-classified adhesive for sensitive production areas. Thermal stability: -60 °C to +150 °C- Very good strength- Good chemical resistance after curing- High level of safety and health at work- No irritation to eyes, nose or throat- No marking with hazard symbols in accordance with EC Regulation No. 1907/2006 - ISO 11014-1

**Applications:** Screw- and thread locking  
**Strength:** High strength  
**Viscosity:** Medium viscosity  
**Thermally stable:** -60 °C to +150 °C

**Note:** Further information on request

Identification	Contents
K- 07 10 04 45	50 ml
K- 07 10 04 44	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30170>

**K-AN 306-20****Lock AN 306-20**

**Applications:** For locking and sealing pipe threads  
**Strength:** High strength  
**Viscosity:** Medium viscosity  
**Thermally stable:** -60 °C to +200 °C  
**Standard:** acc. to DVGW-rules

**Note:** Further information on request

Identification	Contents
K- 07 10 04 55	50 ml
K- 07 10 04 54	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30620>

**K-AN 302-60****Lock AN 302-60**

High-strength bonding of passive materials such as stainless steel or aluminium, no pre-treatment required.  
 Thermal stability: -60 °C to +180 °C- Reduced assembly time- High strength- Handling strength: just 2 to 5 minutes- Final strength: just 2 to 4 hours- No need for pre-treatment with activator and therefore no additional emissions due to solvents

**Applications:** Screw locking without pretreatment

**Strength:** High strength

**Viscosity:** Medium viscosity

**Thermally stable:** -60 °C to +180 °C



**Note:** Further information on request

Identification	Contents
K- 07 10 04 52	50 ml
K- 07 10 04 51	250 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30260>

**K-AN 302-43****Lock AN 302-43**

The standard adhesive for locking all screws and threads up to size M 36.  
 Medium strength. In accordance with DVGW guidelines.

**Applications:** Vibration locking all screws and threads up to size M36,  
 Screw- and thread locking

**Strength:** Medium strength

**Thermally stable:** -60 °C to +150 °C

**Standard:** acc. to DVGW-rules



**Note:** Further information on request

Identification	Contents
K- 07 10 04 48	10 ml
K- 07 10 04 49	250 ml
K- 07 10 04 50	50 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30243>

**K-AN 302-70****Lock AN 302-70**

**Applications:** For locking all screws and stud bolts up to size M20/R1/2"

**Special features:** difficult to separate

**Thermally stable:** -60 °C to +150 °C



**Note:** Further information on request

Identification	Contents
K- 07 10 04 53	50 ml

**Web:** <http://cat.hansa-flex.com/en/KAN30270>

**K-SILIKON-SPRAY**

## Silicon-Spray



Ideal lubricant and separating agent for rational production and servicing. Protection and care product for plastic, rubber and metal.

**Thermally stable:** -50 °C to +250 °C

**Note:** Further information on request

Identification	Description	Contents
K-07 10 11 33	Silicon-Spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KSILIKONSPRAY>

**K-HANDSCHUTZSCHAUM SPRAY**

## Hand protective foam



This hand protective foam forms a greaseless, invisible and water-resistant film that prevents various kinds of soiling from penetrating the skin and pores. Protects against harmful and irritant ingredients in aggressive chemical substances. The care effect is considerably improved due to the addition of liposomes.

**Note:** Further information on request

Identification	Description	Contents
K-07 10 11 32	Hand protective foam	200 ml

**Web:** <http://cat.hansa-flex.com/en/KHANDSCHUTZSCHAUMSPRAY>

**K-ROST-SCHOCK**

## Rust Shock



The chemical spanner. Separates screw fittings of all kinds - no matter how problematic - in seconds with its cold-shrinkage and capillary action. Contains no mineral oil, silicone or grease.

**Note:** Further information on request

Identification	Description	Contents
K-07 10 07 80	Rust Shock	400 ml

**Web:** <http://cat.hansa-flex.com/en/KROSTSCHOCK>



**K-EDELSTAHL PFLEGESPRAY**

## Stainless steel care spray

Cleaning, care and protection of matte and polished stainless steel surfaces indoors and outdoors. Antistatic effect, colourless, prevents dirt from sticking to surfaces again.

**Thermally stable:** -17 °C to +120 °C



**Note:** Further information on request

Identification	Description	Contents
K- 07 10 11 34	Stainless steel care spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KEDELSTAHLPFLEGESPRAY>

**K-DICHT- KLEBSTOFFENTFERNER**

## Sealant and Adhesive Remover

Removes stubborn sealant and adhesive residues as well as a wide range of paints and varnishes.



**Note:** Further information on request

Identification	Description	Contents
K- 07 10 07 79	Sealant and Adhesive Remover	400 ml

**Web:** <http://cat.hansa-flex.com/en/KDICHTKLEBSTOFFENTFERNER>

**K-LECKSUCH-SPRAY**

## Leak Detection Spray

Detects cracks and porous areas in compressed air pipes quickly, conveniently and reliably. Non-flammable, anti-corrosive action. DVGW tested.



**Note:** Further information on request

Identification	Description	Contents
K- 07 10 07 81	Leak Detection Spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KLECKSUCHSPRAY>

**K-ALLROUNDSPRAY****All-Round Spray**

All-round spray containing PTFE for use in all industrial or workshop applications. Corrosion protection, cleaning, water displacement, lubrication and conservation in a single product! Separates seized screw fittings, bolts, etc., prevents leakage currents, cleans dirty surfaces, protects and cares for all tools, machines and precision instruments to prolong their service life.

**Note:** Further information on request

Identification	Description	Contents
K-07 10 07 88	All-Round Spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KALLROUNDSPRAY>

**K-BIO-CUT****Bio-Cut**

Biologically degradable, heavy-duty cutting oil. Unusually good cutting action permits higher cutting speeds and a longer life. The service life of the cutting tools is likewise prolonged.

**Note:** Further information on request

Identification	Description	Contents
K-07 10 07 82	Bio-Cut	400 ml

**Web:** <http://cat.hansa-flex.com/en/KBIOCUT>

**K-AKTIVATOR F****Lock Activator F**

Activates passive surfaces and accelerates the curing process. Enables Lock adhesives to be used for metal-to-plastic bonds or at low temperatures.

**Note:** Further information on request

Identification	Description	Contents
K-07 10 07 76	Riegler Lock Activator F	200 ml

**Web:** <http://cat.hansa-flex.com/en/KAKTIVATORF>

**K-ROSTLOESER KONTAKTSPRAY****Rust Loosener and Contact Spray**

6-fold action: Removes rust - displaces and creeps under water - improves contact-making – protects against corrosion - lubricates sliding surfaces - cares for metal.



**Note:** Further information on request

Identification	Description	Contents
K- 07 10 07 78	Rust Loosener and Contact Spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KROSTLOESERKONTAKTSPRAY>

**K-MESSING KUPFERSPRAY****Brass and copper sprays**

Weatherproof sprays for protective or decorative metal coatings.

**Thermally stable:** up to +300 °C



**Note:** Further information on request

Identification	Description	Contents
K- 07 10 07 87	Copper spray	400 ml
K- 07 10 07 86	Brass spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KMESSINGKUPFERSPRAY>

**K-ZINK-SPRAY****Zinc spray**

Provides all metal surfaces with permanent, cathodic corrosion protection. Resistant to salt and water. This spray can be used to repair damaged galvanised parts, as high-quality rust protection primer or for touching up welded or drilled sections. It meets all the requirements of DIN 53167 or DIN 50021 and DIN EN ISO 1461.

**Thermally stable:** up to +300 °C



**Note:** Further information on request

Identification	Description	Contents
K- 07 10 07 83	Zinc spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KZINKSPRAY>

**K-ALUMINIUM-SPRAY**

## Aluminium spray



High-quality corrosion protection for all metal surfaces, non-abrasive. Resistant to a large number of diluted acids and alkaline solutions, weatherproof. Suitable for use in air conditioning and ventilation systems, combustion plants, pipelines and machine housings.

**Thermally stable:** up to +800 °C

**Note:** Further information on request

Identification	Description	Contents
K-07 10 07 84	Aluminium spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KALUMINIUMSPRAY>

**K-EDELSTAHL-SPRAY**

## Stainless steel spray



Provides all metal surfaces with permanent protection against rust and corrosion. This spray can be used to repair damaged stainless steel parts. It forms a quick-drying, adhesive, protective layer and is resistant to a large number of chemicals.

**Thermally stable:** up to +300 °C

**Note:** Further information on request

Identification	Description	Contents
K-07 10 07 85	Stainless steel spray	400 ml

**Web:** <http://cat.hansa-flex.com/en/KEDELSTAHLSPRAY>

**K-REPAIR STICK EDELSTAHL**

## Repair Stick Stainless Steel

For non-corroding repairs and reconditioning of stainless steel and other rust-proof metals, e.g. on tanks, vessels, pipes and tubes.



**Note:** Further information on request

Identification	Contents
K-07 10 10 12	57 g

**Web:** <http://cat.hansa-flex.com/en/KREPAIRSTICKEDELSTAHL>

**K-REPAIR STICK TITANIUM**

## Repair Stick Titanium

For permanent, high-temperature and wear resistant repairs or bonds of metal parts (tanks, conduit pipes, aluminium, light metal and die cast parts, shafts, pumps, casings, defective threads).

**Thermally stable:** Up to +280 °C (briefly up to +300 °C)



**Note:** Further information on request

Identification	Contents
K- 07 10 04 38	57 g

**Web:** <http://cat.hansa-flex.com/en/KREPAIRSTICKTITANIUM>

**K-REPAIR STICK STAHL**

## Repair Stick Steel

High-quality corrosion protection for all metal surfaces, non-abrasive. Resistant to a large number of diluted acids and alkaline solutions, weatherproof. Suitable for use in air conditioning and ventilation systems, combustion plants, pipelines and machine housings.



**Note:** Further information on request

Identification	Contents
K- 07 10 04 39	57 g

**Web:** <http://cat.hansa-flex.com/en/KREPAIRSTICKSTAHL>

**K-REPAIR STICK KUPFER**

## Repair Stick Copper

For very fast (3 minutes) repairs of breaks, leakages and leakages on damp and wet surfaces such as pipes, tube bends, fittings, flanges, copper sheets, tanks, freezing and air conditioning systems and as repair mass for the installation and trades.



**Note:** Further information on request

Identification	Contents
K- 07 10 04 41	57 g

**Web:** <http://cat.hansa-flex.com/en/KREPAIRSTICKKUPFER>

## K-REPAIR STICK ALUMINIUM

### Repair Stick Aluminium

For quick, non-rusting repairs or bonds of metal parts.  
Patches and seals cracks, holes, leakages and surface damage on car bodies, tanks, casings, profiles or window frames as well as in DIY and gardening applications.



1

**Note:** Further information on request

Identification	Contents
K- 07 10 04 40	57 g

**Web:** <http://cat.hansa-flex.com/en/KREPAIRSTICKALUMINIUM>





## Hose couplings



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### K-SVKM NW 2,7 AG MS BL

#### Quick disconnect couplings DN 2.7, brass with a bare metal surface, male



One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, dental equipment, instrumentation and control, small pneumatic tools, chemical applications, laboratory equipment, analysis techniques, miniature pneumatics, mechanical engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 08	M 5 male	26,0	9
K- 07 35 06 09	G 1/8 male	28,0	11

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27AGMSBL>

### K-SVKM NW 2,7 IG MS BL

#### Quick disconnect couplings DN 2.7, brass with a bare metal surface, female



One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, dental equipment, instrumentation and control, small pneumatic tools, chemical applications, laboratory equipment, analysis techniques, miniature pneumatics, mechanical engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 10	M 5 female	25,0	9
K- 07 35 06 11	G 1/8 female	28,0	12

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27IGMSBL>

### K-SVKM NW 2,7 SCHL TUE MS BL

#### Quick disconnect couplings DN 2.7, brass with a bare metal surface, with hose stem



One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, dental equipment, instrumentation and control, small pneumatic tools, chemical applications, laboratory equipment, analysis techniques, miniature pneumatics, mechanical engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 06 12	Stem, I.D. 3	35,0
K- 07 35 06 13	Stem, I.D. 4	35,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27SCHLTUEMSBL>

### K-SVKM NW 2,7 SCHL MS BL

#### Quick disconnect couplings DN 2.7, brass with a bare metal surface, with hose connector

One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, dental equipment, instrumentation and control, small pneumatic tools, chemical applications, laboratory equipment, analysis techniques, miniature pneumatics, mechanical engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request



Identification	Connection	Length mm
K- 07 35 06 14	Hose connection 4 x 3	34,0
K- 07 35 06 15	Hose connection 5 x 3	34,0
K- 07 35 06 16	Hose connection 6 x 4	34,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27SCHLMSBL>

### K-NIPPEL NW2,7 AG MS BL

#### Plugs DN 2.7, brass with a bare metal surface, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface  
**Sealant:** NBR

**Note:** Further information on request



Identification	Designation	AF mm
K- 07 35 00 97	Nippel M5 male	7
K- 07 35 00 98	Plug G 1/8 male	11

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27AGMSBL>

### K-NIPPEL NW2,7 IG MS BL

#### Plugs DN 2.7, brass with a bare metal surface, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface

**Note:** Further information on request



Identification	Designation	AF mm
K- 07 35 00 99	Nippel M5 female	7
K- 07 35 01 00	Plug G 1/8 female	12

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27IGMSBL>

## K-TUE 2,7 MS BLANK

Stems DN 2.7, brass with a bare metal surface

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation
K- 07 35 00 92	Stem, I.D. 3
K- 07 35 00 93	Stem, I.D. 4

**Web:** <http://cat.hansa-flex.com/en/KTUE27MSBLANK>

## K-NIPPEL NW2,7 SCHL MS BL

Plugs DN 2.7, brass with a bare metal surface, for hose

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 00 94	Plug for hose 4x3	7
K- 07 35 00 95	Plug for hose 5x3	7
K- 07 35 00 96	Plug for hose 6x4	8

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27SCHLMSBL>

## K-SVKM NW 2,7 AG MS NI

Quick disconnect couplings DN 2.7, nickel-plated brass, male

One-hand quick disconnect coupling, one side sealing, extremely compact, with a large bore and a small pressure drop. Ideal for: Medical & Dental equipment, instrumentation and control, laboratory equipment, chemical applications, small tools, analysis, miniature pneumatics, engineering.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 18	M 5 male	26,0	9
K- 07 35 06 19	G 1/8 male	28,0	11

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27AGMSNI>

### K-SVKM NW 2,7 IG MS NI

#### Quick disconnect couplings DN 2.7, nickel-plated brass, female

One-hand quick disconnect coupling, one side sealing, extremely compact, with a large bore and a small pressure drop. Ideal for: Medical & Dental equipment, instrumentation and control, laboratory equipment, chemical applications, small tools, analysis, miniature pneumatics, engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 20	M 5 female	25,0	9
K- 07 35 06 21	G 1/8 female	28,0	12

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27IGMSNI>

### K-SVKM NW 2,7 SCHL TUE MS NI

#### Quick disconnect couplings DN 2.7, nickel-plated brass, with hose stem

One-hand quick disconnect coupling, one side sealing, extremely compact, with a large bore and a small pressure drop. Ideal for: Medical & Dental equipment, instrumentation and control, laboratory equipment, chemical applications, small tools, analysis, miniature pneumatics, engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 06 22	Stem, I.D. 3	35,0
K- 07 35 06 23	Stem, I.D. 4	35,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27SCHLTUEMSNI>

### K-SVKM NW 2,7 SCHL MS NI

#### Quick disconnect couplings DN 2.7, nickel-plated brass, with hose connector

One-hand quick disconnect coupling, one side sealing, extremely compact, with a large bore and a small pressure drop. Ideal for: Medical & Dental equipment, instrumentation and control, laboratory equipment, chemical applications, small tools, analysis, miniature pneumatics, engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 06 24	Hose connection 4 x 3	34,0
K- 07 35 06 25	Hose connection 5 x 3	34,0
K- 07 35 06 26	Hose connection 6 x 4	34,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27SCHLMSNI>

## K-SVKM NW 2,7 MS NI PUSH-IN

### Quick disconnect coupling DN 2.7, nickel-plated brass, with push-in fitting

One-hand quick disconnect coupling, one side sealing, extremely compact, with a large bore and a small pressure drop. Ideal for: Medical & Dental equipment, instrumentation and control, laboratory equipment, chemical applications, small tools, analysis, miniature pneumatics, engineering.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 17	4 mm	35,0	10

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27MSNIPUSHIN>

## K-NIPPEL NW2,7 AG MS NI

### Plugs DN 2.7, nickel-plated brass, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 07	Nippel M5 male	7
K- 07 35 01 08	Plug G 1/8 male	11

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27AGMSNI>

## K-NIPPEL NW2,7 IG MS NI

### Plugs DN 2.7, nickel-plated brass, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 09	Nippel M5 female	7
K- 07 35 01 10	Plug G 1/8 female	12

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27IGMSNI>

## K-TUE 2,7 MS NI

### Stems DN 2.7, nickel-plated brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation
K- 07 35 01 02	Stem, I.D. 3
K- 07 35 01 03	Stem, I.D. 4

**Web:** <http://cat.hansa-flex.com/en/KTUE27MSNI>

## K-NIPPEL NW2,7 SCHL MS NI

### Plugs DN 2.7, nickel-plated brass, for hose

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 04	Plug for hose 4x3	7
K- 07 35 01 05	Plug for hose 5x3	7
K- 07 35 01 06	Plug for hose 6x4	8

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27SCHLMSNI>

## K-EINSTECKNIPPEL PUSH-IN 2,7

### Push-in plug DN 2.7, nickel-plated brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 01	Push-in plug, 4 mm	10

**Web:** <http://cat.hansa-flex.com/en/KEINSTECKNIPPELPUSHIN27>

### K-SVKM NW 2,7 AG VA

#### Quick disconnect couplings DN 2.7, stainless steel 1.4404, male

One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, chemical and pharmaceutical industry, laboratories, plant construction and butchers.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4404  
**Spring, snap ring, balls:** Stainless steel 1.4404  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 12 45	M 5 male	26,0	9
K- 07 35 12 46	G 1/8 male	28,0	11

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27AGVA>

### K-SVKM NW 2,7 IG VA

#### Quick disconnect couplings DN 2.7, stainless steel 1.4404, female

One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, chemical and pharmaceutical industry, laboratories, plant construction and butchers.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4404  
**Spring, snap ring, balls:** Stainless steel 1.4404  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 12 47	M 5 female	25,0	9
K- 07 35 12 48	G 1/8 female	28,0	12

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27IGVA>

### K-SVKM NW 2,7 SCHL TUE VA

#### Quick disconnect couplings DN 2.7, stainless steel 1.4404 with hose stem

One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, chemical and pharmaceutical industry, laboratories, plant construction and butchers.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4404  
**Spring, snap ring, balls:** Stainless steel 1.4404  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 12 49	Stem, I.D. 3	35,0
K- 07 35 12 50	Stem, I.D. 4	35,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27SCHLTUEVA>



### K-SVKM NW 2,7 SCHL VA

#### Quick disconnect couplings DN 2.7, stainless steel 1.4404, with hose connector

One-hand quick disconnect couplings, one side sealing, extremely compact with a large bore and only a small pressure drop. Ideal for: Medical equipment, chemical and pharmaceutical industry, laboratories, plant construction and butchers.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 165 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4404  
**Spring, snap ring, balls:** Stainless steel 1.4404  
**Sealant:** FKM



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 12 51	Hose connection 4 x 3	34,0	9
K- 07 35 12 52	Hose connection 5 x 3	34,0	9
K- 07 35 12 53	Hose connection 6 x 4	34,0	9

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW27SCHLVA>

### K-NIPPEL NW2,7 AG VA

#### Plugs DN 2.7, stainless steel 1.4404, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -15 °C to +200 °C  
**Material:** Stainless steel 1.4404



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 59	Nippel M5 male	7
K- 07 35 12 60	Plug G 1/8 male	11

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27AGVA>

### K-NIPPEL NW2,7 IG VA

#### Plugs DN 2.7, stainless steel 1.4404, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -15 °C to +200 °C  
**Material:** Stainless steel 1.4404



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 61	Nippel M5 female	7
K- 07 35 12 62	Plug G 1/8 female	12

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27IGVA>

## K-TUE 2,7 VA

Stems DN 2.7, stainless steel 1.4404

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -15 °C to +200 °C  
**Material:** Stainless steel 1.4404



**Note:** Further information on request

Identification	Designation
K- 07 35 12 54	Stem, I.D. 3
K- 07 35 12 55	Stem, I.D. 4

**Web:** <http://cat.hansa-flex.com/en/KTUE27VA>

## K-NIPPEL NW2,7 SCHL VA

Plugs DN 2.7, stainless steel 1.4404, for hose

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -15 °C to +200 °C  
**Material:** Stainless steel 1.4404



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 56	Plug for hose 4x3	8
K- 07 35 12 57	Plug for hose 5x3	8
K- 07 35 12 58	Plug for hose 6x4	8

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW27SCHLVA>

## K-SVKM NW 5 AG MS BL

Quick disconnect couplings DN 5, brass with a bare metal surface, male

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 34	G 1/8 male	37,0	14
K- 07 35 06 35	G 1/4 male	38,0	17
K- 07 35 06 36	G 3/8 male	38,0	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5AGMSBL>

## K-SVKM NW 5 IG MS BL1

### Quick disconnect couplings DN 5, brass with a bare metal surface, female

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 37	G 1/8 female	38,0	14
K- 07 35 06 38	G 1/4 female	38,0	17
K- 07 35 06 39	G 3/8 female	40,0	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5IGMSBL1>

## K-SVKM NW 5 SCHL TUE MS BL1

### Quick disconnect couplings DN 5, brass with a bare metal surface, with hose stem

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 06 40	Stem, I.D. 4	47,0
K- 07 35 06 52	Stem, I.D. 5	46,0
K- 07 35 06 41	Stem, I.D. 6	46,0
K- 07 35 06 53	Stem, I.D. 8	46,0
K- 07 35 06 42	Stem, I.D. 9	46,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLTUEMSBL1>

### K-SVKM NW 5 SCHL MS BL1

#### Quick disconnect couplings DN 5, brass with a bare metal surface, with hose connector

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 43	Hose connection 6 x 4	43,0	14
K- 07 35 06 44	Hose connection 8 x 6	43,0	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLMSBL1>

### K-SSVKM NW 5 SCHL TUE MS BL

#### Quick disconnect couplings DN 5, brass with a bare metal surface, with bulkhead fitting and hose stem

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	Bulkhead thread	AF mm
K- 07 35 06 45	Stem, I.D. 4	60,0	M 10 x 1	14
K- 07 35 06 46	Stem, I.D. 6	60,0	M 12 x 1	17
K- 07 35 06 47	Stem, I.D. 9	60,0	M 12 x 1	17

**Web:** <http://cat.hansa-flex.com/en/KSSVKMNW5SCHLTUEMSBL>

### K-SVKM NW 5 SCHL UEB MS BL

#### Quick disconnect couplings DN 5, brass with a bare metal surface, with swivel nut and kink protector spring

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Design	Length mm	AF mm
K- 07 35 06 48	Hose connection 6 x 4	Rigid	120,0	14
K- 07 35 06 49	Hose connection 8 x 6	Rigid	132,0	14
K- 07 35 06 50	Hose connection 6 x 4	Swivelling 360°	134,0	14
K- 07 35 06 51	Hose connection 8 x 6	Swivelling 360°	145,0	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLUEBMSBL>

### K-SVKM NW 5 AG MS BL CL

#### Quick disconnect couplings DN 5, brass with a bare metal surface, male

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 96	G 1/8 male	35,9	14
K- 07 35 06 97	G 3/8 male	37,4	19
K- 07 35 06 98	G 1/4 male	37,4	17

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5AGMSBLCL>

### K-SVKM NW 5 IG MS BL CL

#### Quick disconnect couplings DN 5, brass with a bare metal surface, male

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 99	G 1/8 female	35,9	14
K- 07 35 07 01	G 1/4 female	37,4	17
K- 07 35 07 00	G 3/8 female	37,4	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5IGMSBLCL>

### K-SVKM NW 5 SCHL TUE MS BL CL

#### Quick disconnect couplings DN 5, brass with a bare metal surface, with hose stem

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 02	Stem 4 mm	41,9	14
K- 07 35 07 04	Stem 6 mm	46,9	14
K- 07 35 07 03	Stem 9 mm	46,9	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLTUEMSBLCL>

### K-SVKM NW 5 SCHL MS BL CL

Quick disconnect couplings DN 5, brass with a bare metal surface, with hose connector

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 05	Hose connection 6 x 4	42,4	14
K- 07 35 07 06	Hose connection 8 x 6	42,4	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLMSBLCL>

### K-NIPPEL NW5 AG MS

Plug DN 5, brass with a bare metal surface, male



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface

**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 26	Plug G 1/8 male	14
K- 07 35 01 27	Plug G 1/4 male	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5AGMS>

### K-NIPPEL NW5 IG MS

Plug DN 5, brass with a bare metal surface, female



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface

**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 30	Plug G 1/4 female	17
K- 07 35 01 29	Plug G 1/8 female	14

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5IGMS>

### K-TUE 5 MS BLANK

Stems DN 5, brass with a bare metal surface

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation
K- 07 35 01 32	Stem, I.D. 4
K- 07 35 01 33	Stem, I.D. 6
K- 07 35 01 34	Stem, I.D. 9

**Web:** <http://cat.hansa-flex.com/en/KTUE5MSBLANK>

### K-NIPPEL NW5 SCHL MS

Plug DN 5, brass with a bare metal surface, for hose

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 35	Plug for hose 6x4	12
K- 07 35 01 36	Plug for hose 8x6	14

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5SCHLMS>

### K-NIPPEL NW5 SCHL UEM MS

Plug DN 5, brass with a bare metal surface, for hose with swivel nut and kink protector spring

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 37	Plug for Hose 6x4with swivel nut and kink protector spring	12
K- 07 35 01 38	Plug for hose 8x6 with swivel nut and kink protector spring	14

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5SCHLUEMMS>

### K-SVKM NW 5 AG MS NI

#### Quick disconnect couplings DN 5, nickel-plated brass, male



One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 56	G 1/8 male	36,5	14
K- 07 35 06 58	G 1/4 male	38,0	17
K- 07 35 06 57	G 3/8 male	38,0	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5AGMSNI>

### K-SVKM NW 5 IG MS NI

#### Quick disconnect couplings DN 5, nickel-plated brass, female



One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 59	G 1/8 female	38,0	14
K- 07 35 06 61	G 1/4 female	38,0	17
K- 07 35 06 60	G 3/8 female	40,0	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5IGMSNI>

### K-SVKM NW 5 SCHL TUE MS NI

#### Quick disconnect couplings DN 5, nickel-plated brass with hose stem



One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 06 62	Stem, I.D. 4	47,0
K- 07 35 06 71	Stem, I.D. 5	46,0
K- 07 35 06 64	Stem, I.D. 6	46,0





(Continued)

**K-SVKM NW 5 SCHL TUE MS NI**

Quick disconnect couplings DN 5, nickel-plated brass with hose stem

Identification	Connection	Length mm
K- 07 35 06 72	Stem, I.D. 8	46,0
K- 07 35 06 63	Stem, I.D. 9	46,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLTUEMSNI>

**K-SVKM NW 5 SCHL MS NI1**

Quick disconnect couplings DN 5, nickel-plated brass with hose connector

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 65	Hose connection 6 x 4	43,0	14
K- 07 35 06 66	Hose connection 8 x 6	43,0	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLMSNI1>

**K-SVKM NW 5 SCHL UEM MS NI**

Quick disconnect couplings DN 5, nickel-plated brass with hose connector, swivel nut and kink protector spring

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Design	Length mm	AF mm
K- 07 35 06 67	Hose connection 6 x 4	Rigid	120,0	14
K- 07 35 06 68	Hose connection 8 x 6	Rigid	132,0	14
K- 07 35 06 69	Hose connection 6 x 4	Swivelling 360°	134,0	14
K- 07 35 06 70	Hose connection 8 x 6	Swivelling 360°	142,5	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLUEMMSNI>

### K-SVKM NW 5 PUSH-IN MS NI

#### Quick disconnect couplings DN 5, nickel-plated brass, with push-in fitting

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory, chemical applications, analysis, metering techniques.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 54	6 mm	43,5	14
K- 07 35 06 55	8 mm	48,0	17

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5PUSHINMSNI>

### K-SVKM NW 5 AG MS NI CL

#### Quick disconnect couplings DN 5, nickel-plated brass, male

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Sealant:** NBR  
**Spring, snap ring, pins:** Stainless steel

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 07	G 1/8 male	35,9	14
K- 07 35 07 09	G 1/4 male	37,4	17
K- 07 35 07 08	G 3/8 male	37,4	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5AGMSNICL>

### K-SVKM NW 5 IG MS NI CL

#### Quick disconnect couplings DN 5, nickel-plated brass, female

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Sealant:** NBR  
**Spring, snap ring, pins:** Stainless steel

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 10	G 1/8 female	35,9	14
K- 07 35 07 12	G 1/4 female	37,4	17
K- 07 35 07 11	G 3/8 female	37,4	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5IGMSNICL>

### K-SVKM NW 5 SCHL TUE MS NI CL

#### Quick disconnect couplings DN 5, nickel-plated brass, with hose stem

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Sealant:** NBR  
**Spring, snap ring, pins:** Stainless steel



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K-07 35 07 13	Stem 4 mm	41,9	14
K-07 35 07 15	Stem 6 mm	46,9	14
K-07 35 07 14	Stem 9 mm	46,9	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLTUEMSNICKL>

### K-SVKM NW 5 SCHL MS NI CL

#### Quick disconnect couplings DN 5, nickel-plated brass, with hose connector

Economy, one-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop. Compatible with Rectus 21/90.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Sealant:** NBR  
**Spring, snap ring, pins:** Stainless steel



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K-07 35 07 16	Hose connection 6 x 4	42,4	14
K-07 35 07 17	Hose connection 8 x 6	42,4	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLMSNICKL>

### K-NIPPEL NW5 AG MS NI

#### Plugs DN 5, nickel-plated brass, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K-07 35 01 39	Plug G 1/8 male	14
K-07 35 01 41	Plug G 1/4 male	17
K-07 35 01 40	Plug G 3/8 male	19

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5AGMSNI>

## K-NIPPEL NW5 IG MS NI

Plugs DN 5, nickel-plated brass, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 42	Plug G 1/8 female	14
K- 07 35 01 44	Plug G 1/4 female	17
K- 07 35 01 43	Plug G 3/8 female	19

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5IGMSNI>

## K-TUE 7 MS NI

Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation
K- 07 35 01 45	Stem, I.D. 4
K- 07 35 01 47	Stem, I.D. 6
K- 07 35 01 46	Stem, I.D. 9

**Web:** <http://cat.hansa-flex.com/en/KTUE7MSNI>

## K-NIPPEL NW5 SCHL MS NI

Plugs DN 5, nickel-plated brass, for hose

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 48	Plug for hose 6x4	14
K- 07 35 01 49	Plug for hose 8x6	14

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5SCHLMSNI>

### K-NIPPEL NW5 SCHL UEM MS NI

#### Plugs DN 5, nickel-plated brass, for hose with swivel nut and kink protector

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 51	Plugs for hose 6x4 with swivel nut and kink protector spring	12
K- 07 35 01 50	Plug for hose 8x6 with swivel nut and kink protector spring	14

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5SCHLUEMMSNI>

### K-EINSTECKNIPPEL PUSH-IN 5

#### Push-in plugs DN 5, nickel-plated brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 52	Push-in plug, 6 mm	14
K- 07 35 01 53	Push-in plug, 8 mm	17

**Web:** <http://cat.hansa-flex.com/en/KEINSTECKNIPPELPUSHIN5>

### K-SVKM NW 5 AG VA

#### Quick disconnect couplings DN 5, stainless steel 1.4305, male

One-hand quick disconnect couplings, one side sealing, made of stainless steel 1.4305, compact with a large bore. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory equipment, chemical applications, analysis and metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Media temperature:** -15 °C to +200 °C

**Housing, sleeve, valve body:** Stainless steel 1.4305

**Spring, snap ring, balls:** stain less steel

**Sealant:** FKM



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 27	G 1/8 male	36,0	14
K- 07 35 06 28	G 1/4 male	38,0	17
K- 07 35 06 29	G 3/8 male	38,0	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5AGVA>

## K-SVKM NW 5 IG VA

### Quick disconnect couplings DN 5, stainless steel 1.4305, female



One-hand quick disconnect couplings, one side sealing, made of stainless steel 1.4305, compact with a large bore. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory equipment, chemical applications, analysis and metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring, balls:** stainless steel  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 30	G 1/8 female	36,0	14
K- 07 35 06 31	G 1/4 female	38,0	17
K- 07 35 06 32	G 3/8 female	38,0	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5IGVA>

## K-SVKM NW 5 SCHL TUE VA

### Quick disconnect couplings DN 5, stainless steel 1.4305, with hose stem



One-hand quick disconnect couplings, one side sealing, made of stainless steel 1.4305, compact with a large bore. Ideal for: Pneumatic tools, pneumatic applications, medical equipment, instrumentation and control, laboratory equipment, chemical applications, analysis and metering techniques.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring, balls:** stainless steel  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 33	Stem, I.D. 6	46,0	14

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5SCHLTUEVA>

## K-NIPPEL NW5 AG VA

### Plugs DN 5, stainless steel 1.4305, male



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -15 °C to +200 °C  
**Material:** stainless steel 1.4305

Identification	Designation	AF mm
K- 07 35 01 21	Plug G 1/8 male	14
K- 07 35 01 22	Plug G 1/4 male	17
K- 07 35 01 23	Plug G 3/8 male	19

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5AGVA>

### K-NIPPEL NW5 IG VA

Plugs DN 5, stainless steel 1.4305, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -15 °C to +200 °C

**Material:** stainless steel 1.4305



Identification	Designation	AF mm
K- 07 35 01 24	Plug G 1/8 female	14
K- 07 35 01 25	Plug G 1/4 female	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5IGVA>

### K-TUE 5 VA

Stems DN 5, stainless steel 1.4305

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -15 °C to +200 °C

**Material:** stainless steel 1.4305



Identification	Designation
K- 07 35 01 18	Stem, I.D. 6
K- 07 35 01 19	Stem, I.D. 8
K- 07 35 01 20	Stem, I.D. 9

**Web:** <http://cat.hansa-flex.com/en/KTUE5VA>

### K-SVKM NW 7,2 AG MS-BL CL

Quick disconnect couplings DN 7.2, brass with a bare metal surface, male

Universal, one-hand quick disconnect couplings, one side sealing, at an unbeatably low price. Compatible with CEJN 320, Rectus 25/26 and JWL 520/530.

The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Housing, sleeve, valve body:** Brass

**Sealant:** NBR

**Spring, snap ring, pins:** Stainless steel



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 38	G 1/8 male	37,5	21
K- 07 35 07 39	G 1/4 male	39,0	21
K- 07 35 07 40	G 3/8 male	39,0	21
K- 07 35 07 41	G 1/2 male	40,5	21

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72AGMSBLCL>

### K-SVKM NW 7,2 IG MS-BL CL

#### Quick disconnect couplings DN 7.2, brass with a bare metal surface, female



Universal, one-hand quick disconnect couplings, one side sealing, at an unbeatably low price. Compatible with CEJN 320, Rectus 25/26 and JWL 520/530. The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Sealant:** NBR  
**Spring, snap ring, pins:** Stainless steel

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 42	G 1/4 female	40,5	21
K- 07 35 07 43	G 3/8 female	40,5	21
K- 07 35 07 44	G 1/2 female	42,5	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72IGMSBLCL>

### K-SVKM NW 7,2 SCHL-TUE MS BL CL

#### Quick disconnect couplings DN 7.2, brass with a bare metal surface, with hose stem



Universal, one-hand quick disconnect couplings, one side sealing, at an unbeatably low price. Compatible with CEJN 320, Rectus 25/26 and JWL 520/530. The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Sealant:** NBR  
**Spring, snap ring, pins:** Stainless steel

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 07 45	Stem, I.D. 6	54,0
K- 07 35 07 46	Stem, I.D. 9	54,0
K- 07 35 07 47	Stem, I.D. 13	53,5
K- 07 35 07 48	Stem, I.D. 8	54,0
K- 07 35 07 49	Stem, I.D. 10	54,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72SCHLTUEMSBLCL>

### K-VTD KUPPL 7,2 MS BL

#### Porting boxes with quick disconnect couplings DN 7.2, brass



2 or 3-way porting boxes made of high-strength glass fibre-reinforced plastic for a wide range of applications. Available with 2 or 3 pre-assembled, brass quick disconnect couplings and 2 inlet thread sizes. All porting boxes have a robust brass thread insert for high torques and are TÜV-certified.

**Operating pressure:** Max. 15 bar  
**Temp. range:** -10 °C to +50 °C  
**Housing:** Glass fibre-reinforced plastic  
**Thread:** Brass  
**torque mounting hole:** 4 Nm  
**torque brass thread:** 12 Nm

**Note:** Further information on request

Identification	Thread inlet	Coupling
K- 07 40 48 19	G 3/4	2 x brass coupling
K- 07 40 48 20	G 3/4	3 x brass coupling





(Continued)

**K-VTD KUPPL 7,2 MS BL**

Porting boxes with quick disconnect couplings DN 7,2, brass

Identification	Thread inlet	Coupling
K- 07 40 48 18	G 1/2	2 x brass coupling
K- 07 40 40 90	G 1/2	3 x brass coupling

**Web:** <http://cat.hansa-flex.com/en/KVTDKUPPL72MSBL>

**K-VT 2 KUPPL 7,2 AG MS**

Distributors with 2 quick disconnect couplings DN 7.2, brass, male

1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar

**Media temperature:** -20 °C to +100 °C

**Housing:** Brass

**lock and seal:** Industrial glue, mid hardened



**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 35 00 48	G 1/4 male	K-07350025	K-07404016
K- 07 35 00 49	G 3/8 male	K-07350025	K-07404016
K- 07 35 00 50	G 1/2 male	K-07350026	K-07404017

**Web:** <http://cat.hansa-flex.com/en/KVT2KUPPL72AGMS>

**K-VT 2 KUPPL 7,2 IG MS**

Distributors with 2 quick disconnect couplings DN 7.2, brass, female

1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar

**Media temperature:** -20 °C to +100 °C

**Housing:** Brass

**lock and seal:** Industrial glue, mid hardened



**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 35 00 51	G 1/4 female	K-07350025	K-07404016
K- 07 35 00 52	G 3/8 female	K-07350025	K-07404016
K- 07 35 00 53	G 1/2 female	K-07350026	K-07404017

**Web:** <http://cat.hansa-flex.com/en/KVT2KUPPL72IGMS>

### K-VT 2 KUPPL 7,2 STECKNIP MS

Distributors with 2 quick disconnect couplings DN 7.2, brass with push in plug DN 7.2 - DN 7.8



1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar  
**Media temperature:** -20 °C to +100 °C  
**Housing:** Brass  
**lock and seal:** Industrial glue, mid hardened

**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 40 40 48	Plugs DN 7.2 to 7.8 / G 3/8	K-07350025	K-07404016
K- 07 40 44 27	Plugs DN 7.2 to 7.8 / G 1/2	K-07350026	K-07404017

**Web:** <http://cat.hansa-flex.com/en/KVT2KUPPL72STECKNIPMS>

### K-VT 3 KUPPL 7,2 AG MS

Distributors with 3 quick disconnect couplings DN 7.2, brass, male



1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar  
**Media temperature:** -20 °C to +100 °C  
**Housing:** Brass  
**lock and seal:** Industrial glue, mid hardened

**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 35 00 54	G 1/4 male	K-07350025	K-07404018
K- 07 35 00 55	G 3/8 male	K-07350025	K-07404018
K- 07 35 00 56	G 1/2 male	K-07350026	K-07404019

**Web:** <http://cat.hansa-flex.com/en/KVT3KUPPL72AGMS>

### K-VT 3 KUPPL 7,2 IG MS

Distributors with 3 quick disconnect couplings DN 7.2, brass, female



1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar  
**Media temperature:** -20 °C to +100 °C  
**Housing:** Brass  
**lock and seal:** Industrial glue, mid hardened

**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 35 00 57	G 1/4 female	K-07350025	K-07404018
K- 07 35 00 58	G 3/8 female	K-07350025	K-07404018
K- 07 35 00 59	G 1/2 female	K-07350026	K-07404019

**Web:** <http://cat.hansa-flex.com/en/KVT3KUPPL72IGMS>

### K-VT 3 KUPPL 7,2 STECKNIP MS

#### Distributors with 3 quick disconnect couplings DN 7.2, brass, push-in plugs DN 7.2 - DN 7.8

1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar

**Media temperature:** -20 °C to +100 °C

**Housing:** Brass

**lock and seal:** Industrial glue, mid hardened



**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 40 44 28	Plugs DN 7.2 to 7.8 / G 3/8	K-07350025	K-07404018
K- 07 40 44 29	Plugs DN 7.2 to 7.8 / G 1/2	K-07350026	K-07404019

**Web:** <http://cat.hansa-flex.com/en/KVT3KUPPL72STECKNIPMS>

### K-VT WAND KUPP 7,2 MS

#### Distributors for wall mountable with quick diconnect coupling NW 7.2, brass

1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar

**Media temperature:** -20 °C to +100 °C

**Housing:** Brass

**lock and seal:** Industrial glue, mid hardened



**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 40 52 84	G 1/2 female	K-07350026	K-07404021

**Web:** <http://cat.hansa-flex.com/en/KVTWANDKUPP72MS>

### K-W DECKEN SCHNELLVERSCHL

#### Wall plates with quick disconnect coupling DN 7.2, brass

1, 2 or 3-way distributor pieces made of brass, pre-assembled with quick disconnect coupling DN 7.2. Available with threaded connection inside or outside or nipple for adaptation into an existing quick disconnect coupling DN 7.2 to DN 7.8.

**Operating pressure:** 0 - 35 bar

**Media temperature:** -20 °C to +100 °C

**Housing:** Brass

**lock and seal:** Industrial glue, mid hardened



**Note:** Couplings and distributors are also available separately Further information on request

Identification	Connection	Coupling	Comprising distributor
K- 07 40 48 10	G 3/8 female	K-07350025	K-07401192
K- 07 40 48 11	G 1/2 female	K-07350026	K-07401193

**Web:** <http://cat.hansa-flex.com/en/KWDECKENSCHNELLVERSCHL>

## K-SVKM NW 7,2 SCHL-ANSCHL MS

### Quick disconnect couplings DN 7.2, nickel-plated brass, with hose connector, with swivel nut



Universal, one-hand quick disconnect couplings, one side sealing, suitable for a wide range of tasks and applications! The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve:** Nickel-plated brass  
**Valve:** Brass with a bare metal surface  
**Spring, snap ring:** Stainless steel 1.4310  
**Locking pins:** Stainless steel 1.4034  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 12 67	Hose connection 6 x 4	58,0	21
K- 07 35 07 24	Hose connection 8 x 6	45,0	21
K- 07 35 07 25	Hose connection 10 x 8	49,0	21
K- 07 35 07 26	Hose connection 12 x 9	49,0	21

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72SCHLANSCHLMS>

#### Additional elements:

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring  
**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male  
**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female  
**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose  
**K-TUE 7,2 7,8 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

## K-SVKM NW 7,2 DREH MS-NI

### Quick disconnect couplings DN 7.2, nickel-plated brass, swivel type



Universal, one-hand quick disconnect couplings, one side sealing, suitable for a wide range of tasks and applications! The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** 0 °C to +70 °C  
**Housing, sleeve:** Nickel-plated brass  
**Valve:** Brass with a bare metal surface  
**Spring, snap ring:** Stainless steel 1.4310  
**Locking pins:** Stainless steel 1.4034  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 07 28	Stem 6 mm, swivel type	74,0
K- 07 35 07 29	Stem 8 mm, swivel type	74,0
K- 07 35 07 30	Stem 9 mm, swivel type	74,0
K- 07 35 07 31	Stem, 10 mm, swivel type	74,0
K- 07 35 07 32	Stem, 13 mm, swivel type	74,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72DREHMSNI>

#### Additional elements:

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring  
**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male  
**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female  
**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose  
**K-TUE 7,2 7,8 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

### K-SVKM NW 7,2 AG MS-NI CL

#### Quick-lock couplings DN 7.2, nickel-plated brass, male

Universal, one-hand quick disconnect couplings, one side sealing, at an unbeatably low price. Compatible with CEJN 320, Rectus 25/26 and JWL 520/530. The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 68	G 1/4 male	39,0	21
K- 07 35 07 69	G 3/8 male	39,0	21
K- 07 35 07 70	G 1/2 male	40,5	21

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72AGMSNICK>

### K-SVKM NW 7,2 IG MS-NI CL

#### Quick-lock couplings DN 7.2, nickel-plated brass, female

Universal, one-hand quick disconnect couplings, one side sealing, at an unbeatably low price. Compatible with CEJN 320, Rectus 25/26 and JWL 520/530. The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 71	G 1/4 female	40,5	21
K- 07 35 07 72	G 3/8 female	40,5	21
K- 07 35 07 73	G 1/2 female	42,5	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72IGMSNICK>

### K-SVKM NW 7,2 SCHL-TUE MS NI CL

#### Quick-lock couplings DN 7.2, nickel-plated brass, with hose stem

Universal, one-hand quick disconnect couplings, one side sealing, at an unbeatably low price. Compatible with CEJN 320, Rectus 25/26 and JWL 520/530. The closed sleeve protects the coupling from dirt. In combination with steel plugs, this coupling can also be used for pneumatic tools thanks to its hardened locking pins.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, snap ring, pins:** Stainless steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 07 74	Stem, I.D. 6	54,0
K- 07 35 07 75	Stem, I.D. 9	54,0
K- 07 35 07 76	Stem, I.D. 13	53,5

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72SCHLTUEMSNICK>

## K-NIPPEL KUPPL NW7 DREH MS

Plugs for couplings DN 7.2 - DN 7.8, swivel type, nickel-plated brass



<b>Operating pressure:</b>	0 - 35 bar, maximum static working pressure (non-pulsating)
<b>Flow rate air:</b>	1.000 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	0 °C to +70 °C
<b>Housing, sleeve, valve body:</b>	Nickel-plated brass
<b>Spring, snap ring, balls:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection
K-07 35 02 00	G 1/4 female
K-07 35 02 01	G 1/4 male

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7DREHMS>

## K-SCHLAUCHTUELLEN KUPP

Hose stems for couplings DN 7.2 - DN 7.8, swivel type, nickel-plated brass / steel, male



<b>Operating pressure:</b>	0 - 35 bar, maximum static working pressure (non-pulsating)
<b>Flow rate air:</b>	1.000 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	0 °C to +70 °C
<b>Housing, sleeve, valve body:</b>	Nickel-plated brass
<b>Spring, snap ring, balls:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	LW mm	Material
K-07 35 02 02	G 1/4 male	6	Nickel-plated brass
K-07 35 02 03	G 1/4 male	8	Nickel-plated brass
K-07 35 02 04	G 1/4 male	9	Nickel-plated brass
K-07 35 02 05	G 1/4 male	10	Nickel-plated brass
K-07 35 01 78	G 1/4 male	13	Nickel-plated brass
K-07 35 02 15	R 3/8 male	6	Nickel-plated steel
K-07 35 02 16	R 3/8 male	9	Nickel-plated steel

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHTUELLENKUPP>

## K-SCHLAUCHTUE IG DREH MS VN

Hose stems for couplings DN 7.2 - DN 7.8, swivel type, nickel-plated brass, female



<b>Operating pressure:</b>	0 - 35 bar, maximum static working pressure (non-pulsating)
<b>Flow rate air:</b>	1.000 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	0 °C to +70 °C
<b>Housing, sleeve, valve body:</b>	Nickel-plated brass
<b>Spring, snap ring, balls:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	LW mm
K-07 35 01 79	G 1/4 female	6
K-07 35 01 80	G 1/4 female	8
K-07 35 01 81	G 1/4 female	9



(Continued)

**K-SCHLAUCHTUE IG DREH MS VN**

Hose stems for couplings DN 7.2 - DN 7.8, swivel type, nickel-plated brass, female

Identification	Connection	LW mm
K- 07 35 01 82	G 1/4 female	10
K- 07 35 01 83	G 1/4 female	13

Web: <http://cat.hansa-flex.com/en/KSCHLAUCHTUEIGDREHMSVN>

**K-SVKM NW 7,2 AG VA**

Quick disconnect couplings DN 7.2, stainless steel, male

Classic standard coupling type, one side sealing, made of stainless steel. The closed sleeve protects the coupling from dirt. We recommend the use of stainless steel plugs and stems!

**Operating pressure:** 1 - 35 bar and rough vacuum  
**Flow rate air:** 1.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -25 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring:** Stainless steel 1.4310  
**Locking pins:** Stainless steel 1.4401  
**Sealant:** FKM



Note: Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 59	G 1/4 male	43,0	22
K- 07 35 07 60	G 3/8 male	43,0	22
K- 07 35 07 61	G 1/2 male	46,0	24

Web: <http://cat.hansa-flex.com/en/KSVKMNW72AGVA>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VA 2** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male  
**K-NIPPEL KUPPL NW7 IG VA 1** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female  
**K-TUE 7,2 7,8 VA 2** - Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

**K-SVKM NW 7,2 IG VA**

Quick disconnect couplings DN 7.2, stainless steel, female

Classic standard coupling type, one side sealing, made of stainless steel. The closed sleeve protects the coupling from dirt. We recommend the use of stainless steel plugs and stems!

**Operating pressure:** 1 - 35 bar and rough vacuum  
**Flow rate air:** 1.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -25 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring:** Stainless steel 1.4310  
**Locking pins:** Stainless steel 1.4401  
**Sealant:** FKM



Note: Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 62	G 1/4 female	43,0	22
K- 07 35 07 63	G 3/8 female	43,0	22
K- 07 35 07 64	G 1/2 female	46,0	24

Web: <http://cat.hansa-flex.com/en/KSVKMNW72IGVA>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VA 2** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male  
**K-NIPPEL KUPPL NW7 IG VA 1** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female  
**K-TUE 7,2 7,8 VA 2** - Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

## K-SVKM NW 7,2 SCHL-TUE VA

### Quick disconnect couplings DN 7.2, stainless steel, with hose stem

Classic standard coupling type, one side sealing, made of stainless steel. The closed sleeve protects the coupling from dirt. We recommend the use of stainless steel plugs and stems!



<b>Operating pressure:</b>	1 - 35 bar and rough vacuum
<b>Flow rate air:</b>	1.000 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-25 °C to +200 °C
<b>Housing, sleeve, valve body:</b>	Stainless steel 1.4305
<b>Spring, snap ring:</b>	Stainless steel 1.4310
<b>Locking pins:</b>	Stainless steel 1.4401
<b>Sealant:</b>	FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 65	Stem, I.D. 6	59,0	22
K- 07 35 12 65	Stem, I.D. 8	59,0	22
K- 07 35 07 66	Stem, I.D. 9	59,0	22
K- 07 35 12 66	Stem, I.D. 10	59,0	22
K- 07 35 07 67	Stem, I.D. 13	59,0	22

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72SCHLTUEVA>

#### Additional elements:

- K-NIPPEL KUPPL NW7 AG VA 2** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male
- K-NIPPEL KUPPL NW7 IG VA 1** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female
- K-TUE 7,2 7,8 VA 2** - Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

## K-SVKM NW 7,6 AG ST-MS VZ

### Quick disconnect couplings DN 7.6, galvanised steel / brass, male

High-quality, one-hand quick disconnect couplings made of brass / steel for high flow rates. Specially designed for all applications susceptible to severe mechanical wear. Strong, impact and vibration-resistant design for demanding environments. The "stream line" type has an integrated hose stem.



<b>Operating pressure:</b>	Max. 16 bar
<b>Flow rate air:</b>	2.100 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Housing:</b>	Steel
<b>Spring:</b>	Stainless-steel
<b>Sliding sleeve:</b>	Hardened and nickel-plated steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 77	R 1/4 male	63,0	20
K- 07 35 07 78	R 3/8 male	61,0	20
K- 07 35 07 79	R 1/2 male	56,0	22

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW76AGSTMSVZ>

#### Additional elements:

- K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal
- K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female
- K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«
- K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel



## K-SVKM NW 7,6 IG ST

### Quick disconnect couplings DN 7.6, galvanised steel / nickel-plated brass, female

High-quality, one-hand quick disconnect couplings made of brass / steel for high flow rates. Specially designed for all applications susceptible to severe mechanical wear. Strong, impact and vibration-resistant design for demanding environments. The "stream line" type has an integrated hose stem.

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing:** Steel  
**Spring:** Stainless-steel  
**Sliding sleeve:** Hardened and nickel-plated steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 80	G 1/4 female	57,0	20
K- 07 35 07 81	G 3/8 female	60,0	22
K- 07 35 07 82	G 1/2 female	60,0	25

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW76IGST>

#### Additional elements:

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

## K-SVKM NW 7,6 SCHL TUE ST VZ

### Quick disconnect couplings DN 7.6, galvanised steel / brass, with hose connector

High-quality, one-hand quick disconnect couplings made of brass / steel for high flow rates. Specially designed for all applications susceptible to severe mechanical wear. Strong, impact and vibration-resistant design for demanding environments. The "stream line" type has an integrated hose stem.

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing:** Steel  
**Spring:** Stainless-steel  
**Sliding sleeve:** Hardened and nickel-plated steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 07 83	Stem, I.D. 6	67,0
K- 07 35 07 84	Stem, I.D. 8	70,0
K- 07 35 12 87	Stem, I.D. 9	70,0
K- 07 35 07 85	Stem, I.D. 10	70,0
K- 07 35 07 86	Stem, I.D. 13	68,0

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW76SCHLTUESTVZ>

#### Additional elements:

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

## K-SVKM NW 7,6 STREAM LINE ST

### Quick disconnect couplings DN 7,6, galvanised steel / brass, »stream line«

High-quality, one-hand quick disconnect couplings made of brass / steel for high flow rates. Specially designed for all applications susceptible to severe mechanical wear. Strong, impact and vibration-resistant design for demanding environments. The "stream line" type has an integrated hose stem.



**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing:** Steel  
**Spring:** Stainless-steel  
**Sliding sleeve:** Hardened and nickel-plated steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	for hose	Length mm	AF1 mm	AF2 mm
K- 07 35 07 87	10 x 6,5	64,0	16	20
K- 07 35 07 88	12 x 8	68,0	19	20
K- 07 35 12 95	13,5 x 9,5	68,0	21	20
K- 07 35 07 89	16 x 11	68,0	24	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW76STREAMLINEST>

#### Additional elements:

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

## K-DLV MULTI-LINK OHNE KUPPLU

### Compressed air distributor, type »Multi-Link« without couplings, female thread

Modular distributor system for flexible workplace design, can be rotated 180°. Equipped for 1 to 5 bleed units, optionally with:

- G 1/2 female threaded connection for individually adaption output segments,
- DN 7.6 standard quick disconnect couplings,
- DN 7.6 quick disconnectsafety couplings.



**Operating pressure:** Max. 16 bar  
**Temp. range:** -20 °C to +100 °C, (-20 °C to +80 °C quickconnect-safety couplings)  
**Material:** Galvanised steel / brass  
**Connection:** G 1/2 female  
**Media:** Compressed air, non-corrosive gases  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Bleed units
K- 07 35 13 68	G 1/2 female	1
K- 07 35 13 71	G 1/2 female	2
K- 07 35 13 74	G 1/2 female	3
K- 07 35 13 77	G 1/2 female	4
K- 07 35 13 80	G 1/2 female	5

**Web:** <http://cat.hansa-flex.com/en/KDLVMULTILINKOHNEKUPPLU>

### K-DLV MULTI-LINK STANDARD

#### Compressed air distributor, type »Multi-Link« with quick disconnect standard couplings DN 7.6

Modular distributor system for flexible workplace design, can be rotated 180°. Equipped for 1 to 5 bleed units: - DN 7.6 standard quick disconnect couplings.

**Operating pressure:** Max. 16 bar  
**Temp. range:** -20 °C to +100 °C  
**Material:** Galvanised steel / brass  
**Connection:** G 1/2 female  
**Media:** Compressed air, non-corrosive gases  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Bleed units
K- 07 35 13 69	Standard couplings DN 7.6	1
K- 07 35 13 72	Standard couplings DN 7.6	2
K- 07 35 13 75	Standard couplings DN 7.6	3
K- 07 35 13 78	Standard couplings DN 7.6	4
K- 07 35 13 81	Standard couplings DN 7.6	5

**Web:** <http://cat.hansa-flex.com/en/KDLVMULTILINKSTANDARD>

### K-DLV MULTI-LINK SCHNELLVER

#### Compressed air distributor, type »Multi-Link« quick disconnect safety couplings DN 7.6

Modular distributor system for flexible workplace design, can be rotated 180°. Equipped for 1 to 5 bleed units: - DN 7.6 quick disconnect safety couplings.

**Operating pressure:** Max. 16 bar  
**Temp. range:** -20 °C to +80 °C  
**Material:** Galvanised steel / brass  
**Connection:** G 1/2 female  
**Media:** Compressed air, non-corrosive gases  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Bleed units
K- 07 35 13 70	Safety couplings DN 7.6	1
K- 07 35 13 73	Safety couplings DN 7.6	2
K- 07 35 13 76	Safety couplings DN 7.6	3
K- 07 35 13 79	Safety couplings DN 7.6	4
K- 07 35 13 82	Safety couplings DN 7.6	5

**Web:** <http://cat.hansa-flex.com/en/KDLVMULTILINKSCHNELLVER>

### K-ZSM MULTI-LINK

#### Between segments, type »Multi-Link«


Modular distributor system for flexible workplace design, can be rotated 180°. Equipped for 1 to 5 bleed units, optionally with:

- G 1/2 female threaded connection for individually adaption output segments,
- DN 7.6 standard quick disconnect couplings,
- DN 7.6 quick disconnect safety couplings.

**Operating pressure:** Max. 16 bar  
**Temp. range:** -20 °C to +100 °C, (-20 °C to +80 °C quickconnect-safety couplings)  
**Material:** Galvanised steel / brass  
**Connection:** G 1/2 female  
**Media:** Compressed air, non-corrosive gases  
**Sealant:** NBR





**Note:** Further information on request

Identification	Circuit diagram	Connection	Bleed units
K- 07 35 13 83		Segment G 1/2	1

## K-ZSM MULTI-LINK

Between segments, type »Multi-Link«

Identification	Circuit diagram	Connection	Bleed units
K- 07 35 13 84		Segment standard coupling DN 7.6	1
K- 07 35 13 85		Segment safety coupling DN 7.6	1

Web: <http://cat.hansa-flex.com/en/KZSMMULTILINK>

## K-SVKM NW 7,8 AG H

Quick disconnect couplings DN 7.8 - for extremely high flow rates, male



One-hand quick disconnect couplings, one side sealing, that combine high flow rates (approx. twice as high as the popular DN 7.2 standard coupling) with minimal coupling forces. Suitable for all applications with an above-average air requirement!

<b>Operating pressure:</b>	0 - 35 bar
<b>Flow rate air:</b>	2.100 l/min (at $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +40 °C
<b>Threaded element:</b>	Nickel-plated brass
<b>Valve body:</b>	Steel, QPQ treated
<b>Unlocking sleeve:</b>	Extremely robust, ergonomic plastic
<b>Valve, Seat:</b>	Brass
<b>Media:</b>	Only for clean compressed air
<b>Seals:</b>	NBR
<b>Spring, snap ring, balls:</b>	stain less steel

Note: Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 47	G 1/4 male	65,0	19
K- 07 35 08 48	G 3/8 male	65,0	19
K- 07 35 08 49	G 1/2 male	59,0	22

Web: <http://cat.hansa-flex.com/en/KSVKMNW78AGH>

### Additional elements:

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**K-TUE 7,2 7,8 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

## K-SVKM NW 7,8 IG H

Quick disconnect couplings DN 7.8 - for extremely high flow rates, female



One-hand quick disconnect couplings, one side sealing, that combine high flow rates (approx. twice as high as the popular DN 7.2 standard coupling) with minimal coupling forces. Suitable for all applications with an above-average air requirement!

<b>Operating pressure:</b>	0 - 35 bar
<b>Flow rate air:</b>	2.100 l/min (at $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +40 °C
<b>Threaded element:</b>	Nickel-plated brass
<b>Valve body:</b>	Steel, QPQ treated
<b>Unlocking sleeve:</b>	Extremely robust, ergonomic plastic
<b>Valve, Seat:</b>	Brass
<b>Media:</b>	Only for clean compressed air
<b>Seals:</b>	NBR
<b>Spring, snap ring, balls:</b>	stain less steel

Note: Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 50	G 1/4 female	59,0	19



(Continued)

K-SVKM NW 7,8 IG H

Quick disconnect couplings DN 7.8 - for extremely high flow rates, female

Identification	Connection	Length mm	AF mm
K-07 35 08 51	G 3/8 female	59,0	19
K-07 35 08 52	G 1/2 female	62,0	24

Web: <http://cat.hansa-flex.com/en/KSVKMNW78IGH>

**Additional elements:**

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**K-TUE 7,2 7,8 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

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K-SVKM NW 7,8 SCHL TUE H

Quick disconnect couplings DN 7.8 - for extremely high flow rates, with hose stem

One-hand quick disconnect couplings, one side sealing, that combine high flow rates (approx. twice as high as the popular DN 7.2 standard coupling) with minimal coupling forces. Suitable for all applications with an above-average air requirement!

- Operating pressure:** 0 - 35 bar
  - Flow rate air:** 2.100 l/min (at  $\Delta p = 0.5$  bar)
  - Media temperature:** -20 °C to +40 °C
  - Threaded element:** Nickel-plated brass
  - Valve body:** Steel, QPQ treated
  - Unlocking sleeve:** Extremely robust, ergonomic plastic
  - Valve, Seat:** Brass
  - Media:** Only for clean compressed air
  - Seals:** NBR
  - Spring, snap ring, balls:** stain less steel
- Note:** Further information on request



Identification	Connection	Length mm	AF mm
K-07 35 08 53	Stem, I.D. 6	80,0	19
K-07 35 12 41	Stem, I.D. 8	80,0	19
K-07 35 08 54	Stem, I.D. 9	80,0	19
K-07 35 12 42	Stem, I.D. 10	80,0	19
K-07 35 08 55	Stem, I.D. 13	80,0	19

Web: <http://cat.hansa-flex.com/en/KSVKMNW78SCHLTUEH>

**Additional elements:**

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**K-TUE 7,2 7,8 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

## K-SVKM NW 7,8 AG VA

### Quick disconnect couplings DN 7.8, stainless steel 1.4305, male

One-hand quick disconnect couplings, one side sealing, made of stainless steel 1.4305. Ideal for: Pneumatic tools, laboratory equipment, chemical applications, instrumentation and control, safety systems, industrial plant engineering, mechanical engineering.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 90	G 1/4 male	59,5	19
K- 07 35 07 91	G 3/8 male	57,5	19
K- 07 35 07 92	G 1/2 male	60,5	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW78AGVA>

#### Additional elements:

**K-NIPPEL KUPPL NW7 AG VA 1** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male  
**K-NIPPEL KUPPL NW7 IG VA 2** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female  
**K-TUE 7,2 7,8 VA 1** - Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

## K-SVKM NW 7,8 IG VA

### Quick disconnect couplings DN 7.8, stainless steel 1.4305, female

One-hand quick disconnect couplings, one side sealing, made of stainless steel 1.4305. Ideal for: Pneumatic tools, laboratory equipment, chemical applications, instrumentation and control, safety systems, industrial plant engineering, mechanical engineering.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 93	G 1/4 female	55,5	19
K- 07 35 07 94	G 3/8 female	54,5	19
K- 07 35 07 95	G 1/2 female	57,5	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW78IGVA>

#### Additional elements:

**K-NIPPEL KUPPL NW7 AG VA 1** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male  
**K-NIPPEL KUPPL NW7 IG VA 2** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female  
**K-TUE 7,2 7,8 VA 1** - Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

**K-SVKM NW 7,8 SCHL TUE VA****Quick disconnect couplings DN 7.8, stainless steel 1.4305, with hose stem**

One-hand quick disconnect couplings, one side sealing, made of stainless steel 1.4305. Ideal for: Pneumatic tools, laboratory equipment, chemical applications, instrumentation and control, safety systems, industrial plant engineering, mechanical engineering.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -15 °C to +200 °C  
**Housing, sleeve, valve body:** Stainless steel 1.4305  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** FKM



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 96	Stem, I.D. 6	73,5	19
K- 07 35 07 97	Stem, I.D. 8	73,5	19
K- 07 35 07 98	Stem, I.D. 9	73,5	19
K- 07 35 07 99	Stem, I.D. 10	73,5	19
K- 07 35 08 00	Stem, I.D. 13	73,5	19

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW78SCHLTUEVA>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VA 1** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male  
**K-NIPPEL KUPPL NW7 IG VA 2** - Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female  
**K-TUE 7,2 7,8 VA 1** - Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

**K-NIPPEL KUPPL NW7 AG VZ PTFE****Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal**

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 88	Plug R 1/8 male	13
K- 07 35 02 49	Plug R 1/4 male	14
K- 07 35 02 50	Plug R 3/8 male	17
K- 07 35 02 51	Plug R 1/2 male	22

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGVZPTFE>

**Additional element for following products:**

**K-SVKM NW 7,6 AG ST-MS VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, male  
**K-SVKM NW 7,6 IG ST** - Quick disconnect couplings DN 7.6, galvanised steel / nickel-plated brass, female  
**K-SVKM NW 7,6 SCHL TUE ST VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, with hose connector  
**K-SVKM NW 7,6 STREAM LINE ST** - Quick disconnect couplings DN 7.6, galvanised steel / brass, »stream line«  
**K-LKM S NW7,6 AG** - Safety couplings DN 7.6, male  
**K-LKM S NW7,6 IG** - Safety couplings DN 7.6, female  
**K-LKM S NW7,6 SCHL TUE** - Safety couplings DN 7.6, with hose stem  
**K-LKM S NW7,6 STRAEM LINE** - Safety couplings DN 7.6 »stream line«

**K-NIPPEL KUPPL NW7 IG VZ 1**

## Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female



**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel

**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 89	Plug G 1/8 female	13
K- 07 35 02 52	Plug G 1/4 female	17
K- 07 35 02 53	Plug G 3/8 female	20
K- 07 35 02 54	Plug G 1/2 female	27

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGVZ1>

**Additional element for following products:**

**K-SVKM NW 7,6 AG ST-MS VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, male  
**K-SVKM NW 7,6 IG ST** - Quick disconnect couplings DN 7.6, galvanised steel / nickel-plated brass, female  
**K-SVKM NW 7,6 SCHL TUE ST VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, with hose connector  
**K-SVKM NW 7,6 STREAM LINE ST** - Quick disconnect couplings DN 7.6, galvanised steel / brass, »stream line«

**K-TUE 7,2 7,8 ST VZ 2**

## Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel



**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel

**Note:** Further information on request

Identification	Designation
K- 07 35 02 55	Stem, I.D. 6
K- 07 35 02 56	Stem, I.D. 8
K- 07 35 12 91	Stem, I.D. 9
K- 07 35 12 90	Stem, I.D. 10
K- 07 35 02 57	Stem, I.D. 13

**Web:** <http://cat.hansa-flex.com/en/KTUE7278STVZ2>

**Additional element for following products:**

**K-SVKM NW 7,6 AG ST-MS VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, male  
**K-SVKM NW 7,6 IG ST** - Quick disconnect couplings DN 7.6, galvanised steel / nickel-plated brass, female  
**K-SVKM NW 7,6 SCHL TUE ST VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, with hose connector  
**K-SVKM NW 7,6 STREAM LINE ST** - Quick disconnect couplings DN 7.6, galvanised steel / brass, »stream line«



## K-NIPPEL KUPPL STREAM LINE

### Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.100 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 92	Plug for hose 10x6,5	16
K- 07 35 12 93	Plug for hoseh 12x8	19
K- 07 35 12 94	Plug for hose 13,5x9,5	21
K- 07 35 00 61	Plug for hose 16x11	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLSTREAMLINE>

#### Additional element for following products:

**K-SVKM NW 7,6 AG ST-MS VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, male  
**K-SVKM NW 7,6 IG ST** - Quick disconnect couplings DN 7.6, galvanised steel / nickel-plated brass, female  
**K-SVKM NW 7,6 SCHL TUE ST VZ** - Quick disconnect couplings DN 7.6, galvanised steel / brass, with hose connector  
**K-SVKM NW 7,6 STREAM LINE ST** - Quick disconnect couplings DN 7.6, galvanised steel / brass, »stream line«

## K-SVKM NW 10 AG

### Quick disconnect couplings DN 10 - for extremely high flow rates, male

One-hand quick disconnect couplings, one side sealing, that combine high flow rates (approx. 3.5 times as high as the popular DN 7.2 standard coupling) with minimal coupling forces. Suitable for all applications with an above-average air requirement!

**Operating pressure:** 0 - 35 bar  
**Flow rate air:** 3.600 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Threaded element:** Nickel-plated brass  
**Valve body:** Steel, QPQ treated  
**Unlocking sleeve:** Nickel-plated brass  
**Valve, Seat:** Brass  
**Seals:** NBR  
**Spring, snap ring, balls:** stain less steel



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 30	R 3/8 male	69,7	24
K- 07 35 08 31	R 1/2 male	74,7	24
K- 07 35 08 32	R 3/4 male	63,7	27

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW10AG>

## K-SVKM NW 10 IG

### Quick disconnect couplings DN 10 - for extremely high flow rates, femal



One-hand quick disconnect couplings, one side sealing, that combine high flow rates (approx. 3.5 times as high as the popular DN 7.2 standard coupling) with minimal coupling forces. Suitable for all applications with an above-average air requirement!

<b>Operating pressure:</b>	0 - 35 bar
<b>Flow rate air:</b>	3.600 l/min (at $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Threaded element:</b>	Nickel-plated brass
<b>Valve body:</b>	Steel, QPQ treated
<b>Unlocking sleeve:</b>	Nickel-plated brass
<b>Valve, Seat:</b>	Brass
<b>Seals:</b>	NBR
<b>Spring, snap ring, balls:</b>	stain less steel

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 33	G 3/8 female	67,7	24
K- 07 35 08 34	G 1/2 female	67,6	24
K- 07 35 08 35	G 3/4 female	73,7	32

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW10IG>

## K-SVKM NW 10 SCHL TUE

### Quick disconnect couplings DN 10 - for extremely high flow rates, with hose stem



One-hand quick disconnect couplings, one side sealing, that combine high flow rates (approx. 3.5 times as high as the popular DN 7.2 standard coupling) with minimal coupling forces. Suitable for all applications with an above-average air requirement!

<b>Operating pressure:</b>	0 - 35 bar
<b>Flow rate air:</b>	3.600 l/min (at $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Threaded element:</b>	Nickel-plated brass
<b>Valve body:</b>	Steel, QPQ treated
<b>Unlocking sleeve:</b>	Nickel-plated brass
<b>Valve, Seat:</b>	Brass
<b>Seals:</b>	NBR
<b>Spring, snap ring, balls:</b>	stain less steel

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 36	Stem, I.D. 10	79,7	24
K- 07 35 08 37	Stem, I.D. 13	79,7	24
K- 07 35 08 38	Stem, I.D. 16	79,7	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW10SCHLTUE>

### K-NIPPEL KUPPL NW10 AG

Plugs for couplings DN 10, hardened, nickel-plated steel, male PTFE coated

**Operating pressure:** 0 - 35 bar  
**Flow rate air:** 3.600 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened nickel plated steel



**Note:** Further information on request

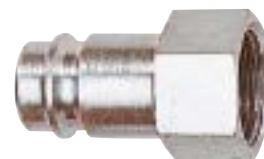
Identification	Designation	AF mm
K- 07 35 00 69	Plug R 1/4 male	17
K- 07 35 00 70	Plug R 3/8 male	17
K- 07 35 00 71	Plug R 1/2 male	22
K- 07 35 00 72	Plug R 3/4 male	27

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW10AG>

### K-NIPPEL KUPPL NW10 IG

Plugs for couplings DN 10, hardened, nickel-plated steel, female

**Operating pressure:** 0 - 35 bar  
**Flow rate air:** 3.600 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened nickel plated steel



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 00 73	Plug G 1/4 female	17
K- 07 35 00 74	Plug G 3/8 female	19
K- 07 35 00 75	Plug G 1/2 female	24
K- 07 35 00 76	Plug G 3/4 female	32

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW10IG>

### K-TUE 1 ST NI

Stems for couplings DN 10, hardened, nickel-plated steel

**Operating pressure:** 0 - 35 bar  
**Flow rate air:** 3.600 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** hardened nickel plated steel



**Note:** Further information on request

Identification	Designation
K- 07 35 00 81	Stem, I.D. 6
K- 07 35 00 82	Stem, I.D. 8
K- 07 35 00 83	Stem, I.D. 9
K- 07 35 00 77	Stem, I.D. 10
K- 07 35 00 78	Stem, I.D. 13

## K-TUE 1 ST NI

(Continued)

### Stems for couplings DN 10, hardened, nickel-plated steel

Identification	Designation
K- 07 35 00 79	Stem, I.D. 16
K- 07 35 00 80	Stem, I.D. 19

**Web:** <http://cat.hansa-flex.com/en/KTUE1STNI>

## K-SVKM NW 10 ROBUS AG ST

### Quick disconnect couplings DN 10, galvanised steel / brass, robust type, male



One-hand quick disconnect couplings, one side sealing, that combine optimal flow rates (approx. 4 times as high as the popular standard coupling DN 7.2) with minimal coupling forces. Suitable for all applications with an above-average air requirement and characterised by extreme conditions!

<b>Operating pressure:</b>	Max. 16 bar
<b>Flow rate air:</b>	3.900 l/min
<b>Temp. range:</b>	-20 °C to +100 °C
<b>Material:</b>	Galvanised steel / brass
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 39	R 3/8 male	68,3	24
K- 07 35 08 40	R 1/2 male	70,8	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW10ROBUSAGST>

## K-SVK NW1 IG ROBU ST-MS VZ

### Quick disconnect couplings DN 10, galvanised steel / brass, robust type, female



One-hand quick disconnect couplings, one side sealing, that combine optimal flow rates (approx. 4 times as high as the popular standard coupling DN 7.2) with minimal coupling forces. Suitable for all applications with an above-average air requirement and characterised by extreme conditions!

<b>Operating pressure:</b>	Max. 16 bar
<b>Flow rate air:</b>	3.900 l/min
<b>Temp. range:</b>	-20 °C to +100 °C
<b>Material:</b>	Galvanised steel / brass
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 41	G 3/8 female	62,8	24
K- 07 35 08 42	G 1/2 female	67,8	25

**Web:** <http://cat.hansa-flex.com/en/KSVKNW1IGROBUSTMSVZ>

### K-SVKM NW 10 ROBUSTUE ST

#### Quick disconnect couplings DN 10, galvanised steel / brass, robust type, with hose stem

One-hand quick disconnect couplings, one side sealing, that combine optimal flow rates (approx. 4 times as high as the popular standard coupling DN 7.2) with minimal coupling forces. Suitable for all applications with an above-average air requirement and characterised by extreme conditions!

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 3.900 l/min  
**Temp. range:** -20 °C to +100 °C  
**Material:** Galvanised steel / brass  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 43	Stem, I.D. 10	77,3	24
K- 07 35 08 44	Stem, I.D. 13	75,8	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW10ROBUSTUEST>

### K-NIPPEL KUPPL NW10 AG ROBU

#### Plugs for couplings DN 10, hardened, galvanised steel, robust type, male

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 3.900 l/min  
**Temp. range:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel



Identification	Designation	AF mm
K- 07 35 00 64	Plug R 3/8 male	17
K- 07 35 00 65	Plug R 1/2 male	22

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW10AGROBU>

### K-NIPPEL KUPPL NW10 IG ROBU

#### Plugs for couplings DN 10, hardened, galvanised steel, robust type, female

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 3.900 l/min  
**Temp. range:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel



Identification	Designation	AF mm
K- 07 35 00 66	Plug G 3/8 female	20
K- 07 35 00 67	Plug G 1/2 female	27

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW10IGROBU>

## K-TUE 1 ST K VZ

Stems for couplings DN 10, hardened, galvanised steel, robust type



**Operating pressure:** Max. 16 bar  
**Flow rate air:** 3.900 l/min  
**Temp. range:** -20 °C to +100 °C  
**Material:** hardened zinc plated steel

Identification	Designation
K- 07 35 00 62	Stem, I.D. 10
K- 07 35 00 63	Stem, I.D. 13

**Web:** <http://cat.hansa-flex.com/en/KTUE1STKVZ>

## K-SVKM NW 12 AG MS

Quick disconnect couplings DN 12, brass, male



One-hand quick disconnect couplings, one side sealing, for high flow rates. With rubber ring to protect against wear.

**Operating pressure:** Max. 16 bar  
**min. working pressure:** 1 bar  
**Flow rate air:** 4.150 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -10 °C to +50 °C  
**Material:** Brass  
**Spring:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 04	G 1/2 male	82,0	30
K- 07 35 06 05	G 3/4 male	82,0	30

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW12AGMS>

## K-SVKM NW 12 IG MS

Quick disconnect couplings DN 12, brass, female



One-hand quick disconnect couplings, one side sealing, for high flow rates. With rubber ring to protect against wear.

**Operating pressure:** Max. 16 bar  
**min. working pressure:** 1 bar  
**Flow rate air:** 4.150 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -10 °C to +50 °C  
**Material:** Brass  
**Spring:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 06	G 1/2 female	82,0	30
K- 07 35 06 07	G 3/4 female	82,0	30

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW12IGMS>

**K-NIPPEL KUPPL NW12 AG MS**

Plugs for couplings DN 12, brass, male

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 4.150 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -10 °C to +50 °C  
**Material:** Brass



Identification	Designation
K- 07 35 00 90	Plug G 1/4 male
K- 07 35 00 91	Plug G 1/2 male

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW12AGMS>

**K-TUE 12 MS**

Stems for couplings DN 12, brass

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 4.150 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -10 °C to +50 °C  
**Material:** Brass



Identification	Designation
K- 07 35 00 84	Stem, I.D. 13
K- 07 35 00 85	Stem, I.D. 16
K- 07 35 00 86	Stem, I.D. 19

**Web:** <http://cat.hansa-flex.com/en/KTUE12MS>

**K-SVKM NW 5 ABSP SCHL TUE MS**

Quick disconnect couplings DN 5, both sides sealing, brass, with hose stem

Both the coupling and the self-sealing plug are fitted with a valve. Connection: Both valves open and the medium is allowed to pass. Disconnection: Both valves close and the medium is prevented from escaping.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 310 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 06 77	Stem, I.D. 4	46,5
K- 07 35 06 79	Stem, I.D. 6	46,5
K- 07 35 06 78	Stem, I.D. 9	46,5

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5ABSPSCHLTUEMS>

**K-SVKM NW 5 ABSP IG MS****Quick disconnect couplings DN 5, both sides sealing, brass, female**

Both the coupling and the self-sealing plug are fitted with a valve. Connection: Both valves open and the medium is allowed to pass. Disconnection: Both valves close and the medium is prevented from escaping.

<b>Operating pressure:</b>	0 - 35 bar, maximum static working pressure (non-pulsating)
<b>Flow rate air:</b>	310 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Housing, sleeve, valve body:</b>	Brass
<b>Spring, snap ring, balls:</b>	stain less steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 75	G 1/8 female	38,0	14
K- 07 35 06 76	G 1/4 female	38,0	17

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5ABSPIGMS>

**K-SVKM NW 5 ABSP AG MS****Quick disconnect couplings DN 5, both sides sealing, brass, male**

Both the coupling and the self-sealing plug are fitted with a valve. Connection: Both valves open and the medium is allowed to pass. Disconnection: Both valves close and the medium is prevented from escaping.

<b>Operating pressure:</b>	0 - 35 bar, maximum static working pressure (non-pulsating)
<b>Flow rate air:</b>	310 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Housing, sleeve, valve body:</b>	Brass
<b>Spring, snap ring, balls:</b>	stain less steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 06 73	G 1/8 male	36,5	14
K- 07 35 06 74	G 1/4 male	38,0	17

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW5ABSPAGMS>

**K-NIPPEL NW5 AG ABSP MS****Plugs DN 5, both sides sealing, brass, male**

<b>Operating pressure:</b>	0 - 35 bar, maximum static working pressure (non-pulsating)
<b>Flow rate air:</b>	310 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Material:</b>	Brass

**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 11	Plug G 1/8 male	14
K- 07 35 01 12	Plug G 1/4 male	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5AGABSPMS>



**K-NIPPEL NW5 IG ABSP MS**

Plugs DN 5, both sides sealing, brass, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Flow rate air:** 310 l/min (at 6 bar and  $\Delta p = 0.5$  bar)**Material:** Brass**Note:** Further information on request

Identification	Designation	AF mm
K-07 35 01 13	Plug G 1/8 female	14
K-07 35 01 14	Plug G 1/4 female	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELNW5IGABSPMS>**K-TUE 5 MS**

Stems DN 5, both sides sealing, brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Flow rate air:** 310 l/min (at 6 bar and  $\Delta p = 0.5$  bar)**Material:** Brass**Note:** Further information on request

Identification	Designation	AF mm
K-07 35 01 15	Stem, I.D. 4	14
K-07 35 01 17	Stem, I.D. 6	14
K-07 35 01 16	Stem, I.D. 9	14

**Web:** <http://cat.hansa-flex.com/en/KTUE5MS>**K-SVKM NW 7,2 ABSP TUE MS**

Quick disconnect couplings DN 7.2, both sides sealing, brass, with hose stem

Couplings, stems and plugs are fitted with a valve. Connection: Both valves open and the medium is allowed to pass. Disconnection: Both valves close and the medium is prevented from escaping.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Flow rate air:** 700 l/min (at 6 bar and  $\Delta p = 0.5$  bar)**Media temperature:** -20 °C to +100 °C**Housing, sleeve, valve body:** Brass**Spring, snap ring, balls:** Stainless steel**Sealant:** NBR**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K-07 35 07 56	Stem, I.D. 6	58,0	21
K-07 35 12 72	Stem, I.D. 8	58,0	21
K-07 35 07 57	Stem, I.D. 9	58,0	21
K-07 35 12 74	Stem, I.D. 10	58,0	21
K-07 35 07 58	Stem, I.D. 13	58,0	21

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72ABSPUEMS>

**K-SVKM NW 7,2 ABSP IG MS****Quick disconnect couplings DN 7.2, both sides sealing, brass, female**

Couplings, stems and plugs are fitted with a valve. Connection: Both valves open and the medium is allowed to pass. Disconnection: Both valves close and the medium is prevented from escaping.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 700 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 53	G 1/4 female	41,1	22
K- 07 35 07 54	G 3/8 female	41,1	22
K- 07 35 07 55	G 1/2 female	44,1	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72ABSPIGMS>

**K-SVKM NW 7,2 ABSP AG MS****Quick disconnect couplings DN 7.2, both sides sealing, brass, male**

Couplings, stems and plugs are fitted with a valve. Connection: Both valves open and the medium is allowed to pass. Disconnection: Both valves close and the medium is prevented from escaping.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 700 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve body:** Brass  
**Spring, snap ring, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 07 50	G 1/4 male	41,1	22
K- 07 35 07 51	G 3/8 male	41,1	22
K- 07 35 07 52	G 1/2 male	44,1	24

**Web:** <http://cat.hansa-flex.com/en/KSVKMNW72ABSPAGMS>

**K-NIPPEL KUPPL NW7 IG ABSP MS****Plugs for couplings DN 7.2 - DN 7.8, both sides sealing, brass, female**

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 700 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass

**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 02 24	Plug G 1/8 female	22
K- 07 35 02 25	Plug G 1/4 female	22



(Continued)

**K-NIPPEL KUPPL NW7 IG ABSP MS**

Plugs for couplings DN 7.2 - DN 7.8, both sides sealing, brass, female

Identification	Designation	AF mm
K- 07 35 02 26	Plug G 3/8 female	22
K- 07 35 02 27	Plug G 1/2 female	24

Web: <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGABSPMS>**K-NIPPEL KUPPL NW7 AG ABSP MS**

Plugs for couplings DN 7.2 - DN 7.8, both sides sealing, brass, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Flow rate air:** 700 l/min (at 6 bar and  $\Delta p = 0.5$  bar)**Media temperature:** -20 °C to +100 °C**Material:** Brass**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 02 20	Plug G 1/8 male	22
K- 07 35 02 21	Plug G 1/4 male	22
K- 07 35 02 22	Plug G 3/8 male	22
K- 07 35 02 23	Plug G 1/2 male	22

Web: <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGABSPMS>**K-TUE 7,2 7,8 MS**

Stems for couplings DN 7.2 - DN 7.8, both sides sealing, brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Flow rate air:** 700 l/min (at 6 bar and  $\Delta p = 0.5$  bar)**Media temperature:** -20 °C to +100 °C**Material:** Brass**Note:** Further information on request

Identification	Designation
K- 07 35 02 17	Stem, I.D. 6
K- 07 35 12 68	Stem, I.D. 8
K- 07 35 02 18	Stem, I.D. 9
K- 07 35 12 69	Stem, I.D. 10
K- 07 35 02 19	Stem, I.D. 13

Web: <http://cat.hansa-flex.com/en/KTUE7278MS>

**K-LKM S NW7,2 SCHL TUE****Safety couplings DN 7.2, with hose stem**

One-hand safety coupling with double locking mechanism. Connection: Similar to standard couplings, simply by pressing the plug into the coupling. Disconnection: The first locking mechanism is accessible when the sleeve is pushed back. The coupling valve closes. Air can then be relieved from the plug side (hose). The second locking mechanism is released by actuating the unlocking sleeve again. The coupling can now be disconnected.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.100 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -30 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, balls:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K-07 35 02 87	Stem, I.D. 6	60,0	22
K-07 35 02 88	Stem, I.D. 8	60,0	22
K-07 35 02 89	Stem, I.D. 9	60,0	22
K-07 35 02 90	Stem, I.D. 10	60,0	22
K-07 35 02 91	Stem, I.D. 13	60,0	22

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW72SCHLTUE>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-TUE 7,2 7,8 ST VZ 1** - Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

**K-LKM S NW7,2 IG****Safety couplings DN 7.2, female**

One-hand safety coupling with double locking mechanism. Connection: Similar to standard couplings, simply by pressing the plug into the coupling. Disconnection: The first locking mechanism is accessible when the sleeve is pushed back. The coupling valve closes. Air can then be relieved from the plug side (hose). The second locking mechanism is released by actuating the unlocking sleeve again. The coupling can now be disconnected.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.100 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -30 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, balls:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K-07 35 02 95	G 1/4 female	46,0	22
K-07 35 02 96	G 3/8 female	46,0	22
K-07 35 02 97	G 1/2 female	49,0	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW72IG>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-TUE 7,2 7,8 ST VZ 1** - Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

**K-LKM S NW7,2 AG****Safety couplings DN 7.2, male**

One-hand safety coupling with double locking mechanism. Connection: Similar to standard couplings, simply by pressing the plug into the coupling. Disconnection: The first locking mechanism is accessible when the sleeve is pushed back. The coupling valve closes. Air can then be relieved from the plug side (hose). The second locking mechanism is released by actuating the unlocking sleeve again. The coupling can now be disconnected.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.100 l/min (at  $\Delta p = 0.5$  bar)  
**Media temperature:** -30 °C to +100 °C  
**Housing, sleeve, valve body:** Nickel-plated brass  
**Spring, balls:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 02 92	G 1/4 male	44,0	22
K- 07 35 02 93	G 3/8 male	44,0	22
K- 07 35 02 94	G 1/2 male	47,0	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW72AG>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-TUE 7,2 7,8 ST VZ 1** - Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

**K-LKM S NW7,4 SCHL TUE****Safety couplings DN 7.4, with hose stem**

One-hand air relief couplings with double locking system. Connection: Similar to standard couplings, simply by pressing the plug into the coupling. Disconnection: The first locking mechanism is accessible when the sleeve is pushed back. The coupling valve closes. Air can then be relieved from the plug side (hose). The second locking mechanism is released by actuating the sleeve again. The coupling can now be disconnected. This system meets the requirements of ISO 4414 and is BIA-compliant (BIA = industrial safety institute).

**Operating pressure:** Max. 12 bar, maximum static working pressure (non-pulsating)  
**Operating pressure stems and plugs:** 0 to 35 bar  
**Flow rate air:** 1.300 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +60 °C  
**Housing, valve body:** Nickel-plated brass  
**Valve:** Brass  
**Unlocking sleeve:** Plastic  
**Spring, snap ring, pins, balls:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 03 04	Stem, I.D. 6	71,2	22
K- 07 35 03 05	Stem, I.D. 8	71,2	22
K- 07 35 03 06	Stem, I.D. 9	71,2	22
K- 07 35 03 07	Stem, I.D. 10	71,2	22
K- 07 35 03 08	Stem, I.D. 13	71,2	22

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74SCHLTUE>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male

**K-NIPPEL KUPPL NW7 IG VZ 2** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, female

**K-TUE 7,2 7,8 ST VZ 1** - Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

**K-LKM S NW7,4 IG****Safety couplings DN 7.4, female**

One-hand air relief couplings with double locking system. Connection: Similar to standard couplings, simply by pressing the plug into the coupling. Disconnection: The first locking mechanism is accessible when the sleeve is pushed back. The coupling valve closes. Air can then then be relieved from the plug side (hose). The second locking mechanism is released by actuating the sleeve again. The coupling can now be disconnected. This system meets the requirements of ISO 4414 and is BIA-compliant (BIA = industrial safety institute).

<b>Operating pressure:</b>	Max. 12 bar, maximum static working pressure (non-pulsating)
<b>Operating pressure stems and plugs:</b>	0 to 35 bar
<b>Flow rate air:</b>	1.300 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +60 °C
<b>Housing, valve body:</b>	Nickel-plated brass
<b>Valve:</b>	Brass
<b>Unlocking sleeve:</b>	Plastic
<b>Spring, snap ring, pins, balls:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 03 01	G 1/4 female	57,2	22
K- 07 35 03 02	G 3/8 female	60,2	24
K- 07 35 03 03	G 1/2 female	60,2	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74IG>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male  
**K-NIPPEL KUPPL NW7 IG VZ 2** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, female  
**K-TUE 7,2 7,8 ST VZ 1** - Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

**K-LKM S NW7,4 AG****Safety couplings DN 7.4, male**

One-hand air relief couplings with double locking system. Connection: Similar to standard couplings, simply by pressing the plug into the coupling. Disconnection: The first locking mechanism is accessible when the sleeve is pushed back. The coupling valve closes. Air can then then be relieved from the plug side (hose). The second locking mechanism is released by actuating the sleeve again. The coupling can now be disconnected. This system meets the requirements of ISO 4414 and is BIA-compliant (BIA = industrial safety institute).

<b>Operating pressure:</b>	Max. 12 bar, maximum static working pressure (non-pulsating)
<b>Operating pressure stems and plugs:</b>	0 to 35 bar
<b>Flow rate air:</b>	1.300 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +60 °C
<b>Housing, valve body:</b>	Nickel-plated brass
<b>Valve:</b>	Brass
<b>Unlocking sleeve:</b>	Plastic
<b>Spring, snap ring, pins, balls:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 02 98	G 1/4 male	55,4	22
K- 07 35 02 99	G 3/8 male	55,4	22
K- 07 35 03 00	G 1/2 male	58,3	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74AG>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male  
**K-NIPPEL KUPPL NW7 IG VZ 2** - Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, female  
**K-TUE 7,2 7,8 ST VZ 1** - Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

## K-LKM S NW7,4 DREH AG

## Safety couplings DN 7.4, male, swivel type

High-quality, robust and durable, one-hand quick disconnect safety couplings for high flow rates. When it is pressed for the first time, air is relieved from the coupling but the plug in the coupling remains locked. The plug is only disconnected when the pushbutton is pressed for the second time. The dreaded "whiplash effect" is avoided and the risk of injury to the operator virtually eliminated. The safety version conforms to ISO-Standard DIN EN ISO 4414.

**Operating pressure:** max. 12 bar

**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)

**Media temperature:** -20 °C to +70 °C

**Housing:** Aluminium, anodised

**Thread:** Nickel-plated brass

**Internal parts:** Stainless steel 1.4404

**Button, valve:** Hardened, galvanised steel

**Sealant:** NBR

**Note:** Not suitable for hitting / pulsating tools. Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 08 60	G 1/4 male	70,5	21
K- 07 35 08 61	G 3/8 male	70,0	21
K- 07 35 08 62	G 1/2 male	72,5	25

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74DREHAG>

## K-LKM S NW7,4 DREH SCHL TUE

## Safety couplings DN 7.4, with hose stem, swivel type

High-quality, robust and durable, one-hand quick disconnect safety couplings for high flow rates. When it is pressed for the first time, air is relieved from the coupling but the plug in the coupling remains locked. The plug is only disconnected when the pushbutton is pressed for the second time. The dreaded "whiplash effect" is avoided and the risk of injury to the operator virtually eliminated. The safety version conforms to ISO-Standard DIN EN ISO 4414.

**Operating pressure:** max. 12 bar

**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)

**Media temperature:** -20 °C to +70 °C

**Housing:** Aluminium, anodised

**Thread:** Nickel-plated brass

**Internal parts:** Stainless steel 1.4404

**Button, valve:** Hardened, galvanised steel

**Sealant:** NBR

**Note:** Not suitable for hitting / pulsating tools. Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 12 82	Stem, I.D. 8	88,5	21
K- 07 35 12 84	Stem, I.D. 10	88,5	21

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74DREHSCHLTUE>

**K-VTD 7,4****Porting boxes with pushbutton-type safety coupling DN 7.4**

2 or 3-way porting boxes made of high-strength glass fibre-reinforced plastic for a wide range of applications. Available with 2 or 3 pre-assembled, pushbutton-type safety couplings and 2 inlet thread sizes. All porting boxes have a robust brass thread insert for high torques and are TÜV-certified.

**Operating pressure:** max. 12 bar  
**Temp. range:** -10 °C to +50 °C  
**Housing:** Glass fibre-reinforced plastic  
**Thread:** Brass  
**torque mounting hole:** 4 Nm  
**torque brass thread:** 12 Nm

**Note:** Further information on request

Identification	Thread inlet	Coupling
K- 07 40 48 21	G 1/2	2 x Safety coupling
K- 07 40 48 22	G 1/2	3 x Safety coupling
K- 07 40 48 23	G 3/4	2 x Safety coupling
K- 07 40 48 24	G 3/4	3 x Safety coupling

**Web:** <http://cat.hansa-flex.com/en/KVTD74>

**K-LKM S NW7,4 DREH SCHL TUE VA****Safety couplings DN 7.4, stainless steel 1.4404, with hose stem, swivel type**

High-quality, robust and durable, one-hand quick disconnect safety couplings for high flow rates. When it is pressed for the first time, air is relieved from the coupling but the plug in the coupling remains locked. The plug is only disconnected when the pushbutton is pressed for the second time. The dreaded "whiplash effect" is avoided and the risk of injury to the operator virtually eliminated. The safety version conforms to ISO-Standard DIN EN ISO 4414. For the food processing, chemical and medical industries as well as pharmaceutical plant construction.

**Operating pressure:** Max. 10 bar  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)  
**Media temperature:** -20 °C to +150 °C  
**Housing:** Stainless steel 1.4404  
**Thread:** Stainless steel 1.4404  
**Internal parts:** Stainless steel 1.4404  
**Button, valve:** Stainless steel 1.4404  
**Sealant:** FKM

**Note:** Not suitable for hitting / pulsating tools. Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 12 83	Stem, I.D. 6	88,5	21
K- 07 35 12 85	Stem, I.D. 9	88,5	21
K- 07 35 12 86	Stem, I.D. 13	88,5	21

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74DREHSCHLTUEVA>



**K-LKM S NW7,4 DREH AG VA****Safety couplings DN 7.4, stainless steel 1.4404, male, swivel type**

High-quality, robust and durable, one-hand quick disconnect safety couplings for high flow rates. When it is pressed for the first time, air is relieved from the coupling but the plug in the coupling remains locked. The plug is only disconnected when the pushbutton is pressed for the second time. The dreaded "whiplash effect" is avoided and the risk of injury to the operator virtually eliminated. The safety version conforms to ISO-Standard DIN EN ISO 4414. For the food processing, chemical and medical industries as well as pharmaceutical plant construction.

**Operating pressure:** Max. 10 bar

**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)

**Media temperature:** -20 °C to +150 °C

**Housing:** Stainless steel 1.4404

**Thread:** Stainless steel 1.4404

**Internal parts:** Stainless steel 1.4404

**Button, valve:** Stainless steel 1.4404

**Sealant:** FKM

**Note:** Not suitable for hitting / pulsating tools. Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 12 76	G 1/4 male	70,5	21
K- 07 35 12 77	G 3/8 male	70,0	21
K- 07 35 12 78	G 1/2 male	72,5	25

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74DREHAGVA>

**K-LKM S NW7,4 DREH IG VA****Safety couplings DN 7.4, stainless steel 1.4404, female, swivel type**

High-quality, robust and durable, one-hand quick disconnect safety couplings for high flow rates. When it is pressed for the first time, air is relieved from the coupling but the plug in the coupling remains locked. The plug is only disconnected when the pushbutton is pressed for the second time. The dreaded "whiplash effect" is avoided and the risk of injury to the operator virtually eliminated. The safety version conforms to ISO-Standard DIN EN ISO 4414. For the food processing, chemical and medical industries as well as pharmaceutical plant construction.

**Operating pressure:** Max. 10 bar

**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)

**Media temperature:** -20 °C to +150 °C

**Housing:** Stainless steel 1.4404

**Thread:** Stainless steel 1.4404

**Internal parts:** Stainless steel 1.4404

**Button, valve:** Stainless steel 1.4404

**Sealant:** FKM

**Note:** Not suitable for hitting / pulsating tools. Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 12 79	G 1/4 female	71,5	21
K- 07 35 12 80	G 3/8 female	75,5	21
K- 07 35 12 81	G 1/2 female	77,5	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW74DREHIGVA>

**K-NIPPEL KUPPL NW7 AG VA 1**

Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male

**Operating pressure:** Max. 10 bar  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)  
**Material:** stainless steel 1.4305



Identification	Designation	AF mm
K-07 35 02 63	Plug G 1/8 male	14
K-07 35 02 64	Plug G 1/4 male	17
K-07 35 02 65	Plug G 3/8 male	19
K-07 35 02 66	Plug G 1/2 male	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGVA1>

**Additional element for following products:**

**K-SVKM NW 7,8 AG VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, male  
**K-SVKM NW 7,8 IG VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, female  
**K-SVKM NW 7,8 SCHL TUE VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, with hose stem

**K-NIPPEL KUPPL NW7 IG VA 2**

Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female

**Operating pressure:** Max. 10 bar  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)  
**Material:** stainless steel 1.4305



Identification	Designation	AF mm
K-07 35 02 67	Plug G 1/8 female	14
K-07 35 02 68	Plug G 1/4 female	17
K-07 35 02 69	Plug G 3/8 female	19
K-07 35 02 70	Plug G 1/2 female	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGVA2>

**Additional element for following products:**

**K-SVKM NW 7,8 AG VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, male  
**K-SVKM NW 7,8 IG VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, female  
**K-SVKM NW 7,8 SCHL TUE VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, with hose stem

**K-TUE 7,2 7,8 VA 1**

## Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

**Operating pressure:** Max. 10 bar  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 1$  bar)  
**Material:** stainless steel 1.4305



Identification	Designation
K- 07 35 02 58	Stem, I.D. 6
K- 07 35 02 59	Stem, I.D. 8
K- 07 35 02 60	Stem, I.D. 9
K- 07 35 02 61	Stem, I.D. 10
K- 07 35 02 62	Stem, I.D. 13

**Web:** <http://cat.hansa-flex.com/en/KTUE7278VA1>

**Additional element for following products:**

**K-SVKM NW 7,8 AG VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, male  
**K-SVKM NW 7,8 IG VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, female  
**K-SVKM NW 7,8 SCHL TUE VA** - Quick disconnect couplings DN 7.8, stainless steel 1.4305, with hose stem

**K-LKM S NW7,6 AG**

## Safety couplings DN 7.6, male

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rates and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414.

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.250 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Galvanised steel / brass  
**Spring:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 13 19	R 1/4 male	63,0	20
K- 07 35 13 21	R 3/8 male	61,0	20
K- 07 35 13 16	R 1/2 male	55,5	22

**Web:** <http://cat.hansa-flex.com/en/KLKMSNW76AG>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal  
**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female  
**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«  
**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

**K-LKM S NW7,6 STRAEM LINE****Safety couplings DN 7.6 »stream line«**

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rates and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414.

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.250 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Galvanised steel / brass  
**Spring:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	for hose	Length mm	AF1 mm	AF2 mm
K- 07 35 13 08	10 x 6,5	64,1	16	20
K- 07 35 13 10	12 x 8	68,1	19	20
K- 07 35 13 12	13,5 x 9,5	68,2	21	20
K- 07 35 13 15	16 x 11	68,1	24	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW76STRAEMLINE>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

**K-LKM S NW7,6 IG****Safety couplings DN 7.6, female**

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rates and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414.

**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.250 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Galvanised steel / brass  
**Spring:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 13 20	G 1/4 female	57,1	20
K- 07 35 13 22	G 3/8 female	60,1	22
K- 07 35 13 17	G 1/2 female	59,5	25

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW76IG>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

**K-LKM S NW7,6 SCHL TUE****Safety couplings DN 7.6, with hose stem**

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rates and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414.



**Operating pressure:** Max. 16 bar  
**Flow rate air:** 2.250 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Galvanised steel / brass  
**Spring:** Stainless-steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 13 09	Stem, I.D. 6	67,0
K- 07 35 13 11	Stem, I.D. 8	69,5
K- 07 35 13 13	Stem, I.D. 9	70,1
K- 07 35 13 14	Stem, I.D. 10	70,0
K- 07 35 13 18	Stem, I.D. 13	68,0

**Web:** <http://cat.hansa-flex.com/en/KLKMSNW76SCHLTUE>

**Additional elements:**

**K-NIPPEL KUPPL NW7 AG VZ PTFE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, male threaded, FPM (PTFE coated) seal

**K-NIPPEL KUPPL NW7 IG VZ 1** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel, female

**K-NIPPEL KUPPL STREAM LINE** - Plugs for couplings DN 7.2 - DN 7.8, hardened and galvanised steel »stream line«

**K-TUE 7,2 7,8 ST VZ 2** - Stems for couplings DN 7.2 - DN 7.8, hardened and galvanised steel

**K-LKM S NW7,8 IG****Safety couplings DN 7.8, female**

Safety air relief couplings for gaseous media. Combination of a sliding valve and a quick disconnect coupling! Connection is pressureless. Only a low spring force has to be overcome. Pressure only builds up when the blue sleeve is pushed forward. It is impossible to disconnect the hose either intentionally or inadvertently in this position. When the sliding sleeve is moved back into its home position, the air is relieved from the hose and the coupling can be disconnected.



**Operating pressure:** Max. 20 bar  
**Flow rate air:** 1.400 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Connection valve body:** Nickel-plated brass  
**Spring, balls:** Stainless-steel  
**Sliding sleeve:** Anodised aluminium  
**Unlocking sleeve:** Hardened and nickel-plated steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 85	G 1/4 female	75,0	19
K- 07 35 08 86	G 3/8 female	75,0	19
K- 07 35 08 87	G 1/2 female	80,0	24

**Web:** <http://cat.hansa-flex.com/en/KLKMSNW78IG>

**Additional elements:**

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**K-TUE 7 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

**K-LKM S NW7,8 SCHL TUE**

## Safety couplings DN 7.8, with hose stem



Safety air relief couplings for gaseous media. Combination of a sliding valve and a quick disconnect coupling! Connection is pressureless. Only a low spring force has to be overcome. Pressure only builds up when the blue sleeve is pushed forward. It is impossible to disconnect the hose either intentionally or inadvertently in this position. When the sliding sleeve is moved back into its home position, the air is relieved from the hose and the coupling can be disconnected.

<b>Operating pressure:</b>	Max. 20 bar
<b>Flow rate air:</b>	1.400 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Connection valve body:</b>	Nickel-plated brass
<b>Spring, balls:</b>	Stainless-steel
<b>Sliding sleeve:</b>	Anodised aluminium
<b>Unlocking sleeve:</b>	Hardened and nickel-plated steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm
K- 07 35 08 88	Stem, I.D. 6	86,0
K- 07 35 12 96	Stem, I.D. 8	86,0
K- 07 35 08 89	Stem, I.D. 9	86,0
K- 07 35 12 97	Stem, I.D. 10	86,0
K- 07 35 08 90	Stem, I.D. 13	86,0

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW78SCHLTUE>

**Additional elements:**

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**K-TUE 7 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

**K-LKM S NW7,8 AG**

## Safety couplings DN 7.8, male



Safety air relief couplings for gaseous media. Combination of a sliding valve and a quick disconnect coupling! Connection is pressureless. Only a low spring force has to be overcome. Pressure only builds up when the blue sleeve is pushed forward. It is impossible to disconnect the hose either intentionally or inadvertently in this position. When the sliding sleeve is moved back into its home position, the air is relieved from the hose and the coupling can be disconnected.

<b>Operating pressure:</b>	Max. 20 bar
<b>Flow rate air:</b>	1.400 l/min (at 6 bar and $\Delta p = 0.5$ bar)
<b>Media temperature:</b>	-20 °C to +100 °C
<b>Connection valve body:</b>	Nickel-plated brass
<b>Spring, balls:</b>	Stainless-steel
<b>Sliding sleeve:</b>	Anodised aluminium
<b>Unlocking sleeve:</b>	Hardened and nickel-plated steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K- 07 35 08 82	R 1/4 male	80,0	19
K- 07 35 08 83	R 3/8 male	81,0	19
K- 07 35 08 84	R 1/2 male	87,0	22

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW78AG>

**Additional elements:**

**K-NIPP KUPPL NW7 SCHL MS NI K** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**K-NIPPEL KUPPL NW7 AG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**K-NIPPEL KUPPL NW7 IG MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**K-NIPPEL KUPPL NW7 SCHL MS NI** - Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**K-TUE 7 MS NI** - Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

## K-LKM S NW10 SCHL TUE

## Safety couplings DN 10 mit Schlauchtülle

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rate and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414. Suitable for all applications with an above-average air consumption and characterised by extreme conditions.

**Operating pressure:** Max. 16 bar

**Flow rate air:** 4.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Media temperature:** -20 °C to +100 °C

**Material:** Galvanised steel / brass

**Spring:** Stainless-steel

**Sealant:** NBR

**Note:** Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 12 98	Stem, I.D. 10	77,0	24
K- 07 35 13 01	Stem, I.D. 13	75,3	24
K- 07 35 13 02	Stem, I.D. 16	75,3	24
K- 07 35 13 03	Stem, I.D. 19	74,3	24

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW10SCHLTUE>

**Additional elements:**

**K-NIPPEL KUPPL NW10 AG ROBU** - Plugs for couplings DN 10, hardened, galvanised steel, robust type, male

**K-NIPPEL KUPPL NW10 IG ROBU** - Plugs for couplings DN 10, hardened, galvanised steel, robust type, female

**K-TUE 1 ST K VZ** - Stems for couplings DN 10, hardened, galvanised steel, robust type

## K-LKM S NW10 AG

## Safety couplings DN 10, Außengewinde

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rate and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414. Suitable for all applications with an above-average air consumption and characterised by extreme conditions.

**Operating pressure:** Max. 16 bar

**Flow rate air:** 4.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Media temperature:** -20 °C to +100 °C

**Material:** Galvanised steel / brass

**Spring:** Stainless-steel

**Sealant:** NBR

**Note:** Further information on request



Identification	Connection	Length mm	AF mm
K- 07 35 13 06	R 3/8 male	68,0	24
K- 07 35 12 99	R 1/2 male	70,3	24
K- 07 35 13 04	R 3/4 male	60,8	27

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW10AG>

**Additional elements:**

**K-NIPPEL KUPPL NW10 AG ROBU** - Plugs for couplings DN 10, hardened, galvanised steel, robust type, male

**K-NIPPEL KUPPL NW10 IG ROBU** - Plugs for couplings DN 10, hardened, galvanised steel, robust type, female

**K-TUE 1 ST K VZ** - Stems for couplings DN 10, hardened, galvanised steel, robust type

**K-LKM S NW10 IG****Safety couplings DN 10, Innengewinde**

High-quality, robust and durable, one-hand quick disconnect safety couplings, with very high flow rate and only a small pressure drop. The coupling is released fully automatically in two steps. Air is relieved from the coupling before it is completely disconnected, to minimise the risk of injury to the operator from hose ends flying around. The plug is only disconnected from the coupling if the residual pressure has dropped below 0.3 bar. The dreaded "whiplash effect" is thus avoided and the risk of injury virtually eliminated. This safety version conforms to ISO-Standard DIN EN ISO 4414. Suitable for all applications with an above-average air consumption and characterised by extreme conditions.

**Operating pressure:** Max. 16 bar

**Flow rate air:** 4.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Media temperature:** -20 °C to +100 °C

**Material:** Galvanised steel / brass

**Spring:** Stainless-steel

**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Length mm	AF mm
K-07 35 13 07	G 3/8 female	62,3	24
K-07 35 13 00	G 1/2 female	67,3	25
K-07 35 13 05	G 3/4 female	64,5	32

**Web:** <http://cat.hansa-flex.com/en/CLKMSNW10IG>

**Additional elements:**

**K-NIPPEL KUPPL NW10 AG ROBU** - Plugs for couplings DN 10, hardened, galvanised steel, robust type, male

**K-NIPPEL KUPPL NW10 IG ROBU** - Plugs for couplings DN 10, hardened, galvanised steel, robust type, female

**K-TUE 1 ST K VZ** - Stems for couplings DN 10, hardened, galvanised steel, robust type

**K-NIPPEL KUPPL NW7 SCHL MS BL****Plugs for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, for hose**

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Flow rate air:** 1.000 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Temp. range:** -20 °C to +100 °C

**Material:** Brass with a bare metal surface

**Note:** Further information on request

Identification	Designation	AF mm
K-07 35 00 04	Plug for hose 6x4	14
K-07 35 00 05	Plug for hose 8x6	14
K-07 35 00 06	Plug for hose 10x8	17
K-07 35 00 07	Plug for hose 12x9	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7SCHLMSBL>



**K-NIPPEL KUPPL NW7 SCHL MS BL1**

Plugs for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, for hose with swivel nut and kink protector spring

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Temp. range:** -20 °C to +100 °C

**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 00 10	Plug for Hose 6x4 with swivel nut and kink protector spring	12
K- 07 35 00 11	Plug for hose 8x6 with swivel nut and kink protector spring	14
K- 07 35 00 12	Plug for hose 10x8 with swivel nut and kink protector spring	17
K- 07 35 00 13	Plug for hose 12x9 with swivel nut and kink protector spring	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7SCHLMSBL1>

**K-NIPPEL KUPPL NW7 IG MS BL**

Plugs for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Temp. range:** -20 °C to +100 °C

**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 00 17	Plug G 1/8 female	14
K- 07 35 00 18	Plug G 1/4 female	17
K- 07 35 00 19	Plug G 3/8 female	19

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGMSBL>

**K-NIPPEL KUPPL NW7 AG MS BL**

Plugs for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Temp. range:** -20 °C to +100 °C

**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 00 14	Plug G 1/8 male	14



**K-NIPPEL KUPPL NW7 AG MS BL**

(Continued)

Plugs for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, male

Identification	Designation	AF mm
K-07 35 00 15	Plug G 1/4 male	17
K-07 35 00 16	Plug G 3/8 male	19

Web: <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGMSBL>

**K-TUE 7,2 7,8 MS BLANK**

Stems for couplings DN 7.2 - DN 7.8, brass with a bare metal surface

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Temp. range:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface



Note: Further information on request

Identification	Designation
K-07 35 00 01	Stem, I.D. 6
K-07 35 00 08	Stem, I.D. 8
K-07 35 00 02	Stem, I.D. 9
K-07 35 00 09	Stem, I.D. 10
K-07 35 00 03	Stem, I.D. 13

Web: <http://cat.hansa-flex.com/en/KTUE7278MSBLANK>

**K-W TUE MS BLANK**

Plugs for couplings DN 7.2 - DN 7.8, brass with a bare metal surface

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Temp. range:** -20 °C to +100 °C  
**Material:** Brass with a bare metal surface



Note: Further information on request

Identification	Designation
K-07 35 00 20	Push-in elbow for hose 6x4

Web: <http://cat.hansa-flex.com/en/KWTUEMSBLANK>

**K-NIPPEL KUPPL NW7 AG MS NI**

## Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, male

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Media temperature:** -20 °C to +100 °C**Material:** Nickel-plated brass**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 92	Plug G 1/8 male	14
K- 07 35 01 93	Plug G 1/4 male	17
K- 07 35 01 94	Plug G 3/8 male	19
K- 07 35 01 95	Plug G 1/2 male	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGMSNI>**Additional element for following products:**

K-SVKM NW 7,8 AG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, male

K-SVKM NW 7,8 IG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, female

K-SVKM NW 7,8 SCHL TUE H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, with hose stem

K-LKM S NW7,8 AG - Safety couplings DN 7.8, male

K-LKM S NW7,8 IG - Safety couplings DN 7.8, female

K-LKM S NW7,8 SCHL TUE - Safety couplings DN 7.8, with hose stem

**K-NIPPEL KUPPL NW7 IG MS NI**

## Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, female

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Media temperature:** -20 °C to +100 °C**Material:** Nickel-plated brass**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 96	Plug G 1/8 female	14
K- 07 35 01 97	Plug G 1/4 female	17
K- 07 35 01 98	Plug G 3/8 female	19
K- 07 35 01 99	Plug G 1/2 female	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGMSNI>**Additional element for following products:**

K-SVKM NW 7,8 AG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, male

K-SVKM NW 7,8 IG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, female

K-SVKM NW 7,8 SCHL TUE H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, with hose stem

K-LKM S NW7,8 AG - Safety couplings DN 7.8, male

K-LKM S NW7,8 IG - Safety couplings DN 7.8, female

K-LKM S NW7,8 SCHL TUE - Safety couplings DN 7.8, with hose stem

**K-TUE 7,2 7,8 MS NI**

## Stems for couplings DN 7.2 - DN 7.8, nickel-plated brass

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Media temperature:** -20 °C to +100 °C**Material:** Nickel-plated brass**Note:** Further information on request

Identification	Designation
K- 07 35 01 76	Stem, I.D. 6
K- 07 35 01 88	Stem, I.D. 8
K- 07 35 01 77	Stem, I.D. 9
K- 07 35 01 89	Stem, I.D. 10
K- 07 35 01 84	Stem, I.D. 13

**Web:** <http://cat.hansa-flex.com/en/KTUE7278MSNI>**Additional element for following products:**

K-SVKM NW 7,8 AG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, male

K-SVKM NW 7,8 IG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, female

K-SVKM NW 7,8 SCHL TUE H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, with hose stem

K-LKM S NW7,8 AG - Safety couplings DN 7.8, male

K-LKM S NW7,8 IG - Safety couplings DN 7.8, female

K-LKM S NW7,8 SCHL TUE - Safety couplings DN 7.8, with hose stem

**K-NIPPEL KUPPL NW7 SCHL MS NI**

## Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)**Media temperature:** -20 °C to +100 °C**Material:** Nickel-plated brass**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 01 85	Plug for hose 6x4	12
K- 07 35 01 86	Plug for hose 8x6	14
K- 07 35 01 87	Plug for hose 10x8	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7SCHLMSNI>**Additional element for following products:**

K-SVKM NW 7,8 AG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, male

K-SVKM NW 7,8 IG H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, female

K-SVKM NW 7,8 SCHL TUE H - Quick disconnect couplings DN 7.8 - for extremely high flow rates, with hose stem

K-LKM S NW7,8 AG - Safety couplings DN 7.8, male

K-LKM S NW7,8 IG - Safety couplings DN 7.8, female

K-LKM S NW7,8 SCHL TUE - Safety couplings DN 7.8, with hose stem

**K-NIPP KUPPL NW7 SCHL MS NI K**

Plugs for couplings DN 7.2 - DN 7.8, nickel-plated brass, for hose with swivel nut and kink protector spring

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Media temperature:** -20 °C to +100 °C

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Designation	AF mm
K- 07 35 12 70	Plug for Hose 6x4with swivel nut and kink protector spring	
K- 07 35 12 71	Plug for hose 8x6 with swivel nut and kink protector spring	
K- 07 35 01 90	Plug for hose 10x8 with swivel nut and kink protector spring	17
K- 07 35 01 91	Plug for hose 12x9 with swivel nut and kink protector spring	17

**Web:** <http://cat.hansa-flex.com/en/KNIPPKUPPLNW7SCHLMSNIK>

**Additional element for following products:**

**K-SVKM NW 7,8 AG H** - Quick disconnect couplings DN 7.8 - for extremely high flow rates, male

**K-SVKM NW 7,8 IG H** - Quick disconnect couplings DN 7.8 - for extremely high flow rates, female

**K-SVKM NW 7,8 SCHL TUE H** - Quick disconnect couplings DN 7.8 - for extremely high flow rates, with hose stem

**K-LKM S NW7,8 AG** - Safety couplings DN 7.8, male

**K-LKM S NW7,8 IG** - Safety couplings DN 7.8, female

**K-LKM S NW7,8 SCHL TUE** - Safety couplings DN 7.8, with hose stem

**K-NIPPEL KUPPL NW7 AG VZ**

Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male

**Material:** hardened zinc plated steel



Identification	Designation	AF mm
K- 07 35 12 73	Plug G 1/8 male	14
K- 07 35 02 09	Plug G 1/4 male	17
K- 07 35 02 10	Plug G 3/8 male	19
K- 07 35 02 11	Plug G 1/2 male	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGVZ>

**Additional element for following products:**

**K-LKM S NW7,2 AG** - Safety couplings DN 7.2, male

**K-LKM S NW7,2 IG** - Safety couplings DN 7.2, female

**K-LKM S NW7,2 SCHL TUE** - Safety couplings DN 7.2, with hose stem

**K-LKM S NW7,4 AG** - Safety couplings DN 7.4, male

**K-LKM S NW7,4 IG** - Safety couplings DN 7.4, female

**K-LKM S NW7,4 SCHL TUE** - Safety couplings DN 7.4, with hose stem

**K-TUE 7,2 7,8 ST VZ 1**

Stems for couplings DN 7.2 - DN 7.8, hardened, galvanised steel,

**Material:** hardened zinc plated steel



Identification	Designation
K- 07 35 02 06	Stem, I.D. 6
K- 07 35 12 43	Stem, I.D. 8
K- 07 35 02 07	Stem, I.D. 9
K- 07 35 12 44	Stem, I.D. 10
K- 07 35 02 08	Stem, I.D. 13

**Web:** <http://cat.hansa-flex.com/en/KTUE7278STVZ1>

**Additional element for following products:**

- K-LKM S NW7,2 AG - Safety couplings DN 7.2, male
- K-LKM S NW7,2 IG - Safety couplings DN 7.2, female
- K-LKM S NW7,2 SCHL TUE - Safety couplings DN 7.2, with hose stem
- K-LKM S NW7,4 AG - Safety couplings DN 7.4, male
- K-LKM S NW7,4 IG - Safety couplings DN 7.4, female
- K-LKM S NW7,4 SCHL TUE - Safety couplings DN 7.4, with hose stem

**K-NIPPEL KUPPL NW7 IG VZ 2**

Plugs for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, female

**Material:** hardened zinc plated steel



Identification	Designation	AF mm
K- 07 35 12 75	Plug G 1/8 female	14
K- 07 35 02 12	Plug G 1/4 female	17
K- 07 35 02 13	Plug G 3/8 female	19
K- 07 35 02 14	Plug G 1/2 female	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGVZ2>

**Additional element for following products:**

- K-LKM S NW7,2 AG - Safety couplings DN 7.2, male
- K-LKM S NW7,2 IG - Safety couplings DN 7.2, female
- K-LKM S NW7,2 SCHL TUE - Safety couplings DN 7.2, with hose stem
- K-LKM S NW7,4 AG - Safety couplings DN 7.4, male
- K-LKM S NW7,4 IG - Safety couplings DN 7.4, female
- K-LKM S NW7,4 SCHL TUE - Safety couplings DN 7.4, with hose stem

**K-NIPPEL KUPPL NW7 AG VA 2**

Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, male

**Material:** stainless steel 1.4305

Identification	Designation	AF mm
K- 07 35 02 31	Plug G 1/4 male	17
K- 07 35 02 32	Plug G 3/8 male	19
K- 07 35 02 33	Plug G 1/2 male	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7AGVA2>**K-NIPPEL KUPPL NW7 IG VA 1**

Plugs for couplings DN 7.2 - DN 7.8, stainless steel 1.4305, female

**Material:** stainless steel 1.4305

Identification	Designation	AF mm
K- 07 35 02 34	Plug G 1/4 female	17
K- 07 35 02 35	Plug G 3/8 female	19
K- 07 35 02 36	Plug G 1/2 female	24

**Web:** <http://cat.hansa-flex.com/en/KNIPPELKUPPLNW7IGVA1>**K-TUE 7,2 7,8 VA 2**

Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305

**Material:** stainless steel 1.4305

Identification	Designation
K- 07 35 02 28	Stem, I.D. 6
K- 07 35 12 63	Stem, I.D. 8
K- 07 35 02 29	Stem, I.D. 9



**K-TUE 7,2 7,8 VA 2**

(Continued)

**Stems for couplings DN 7.2 - DN 7.8, stainless steel 1.4305**

Identification	Designation
K- 07 35 12 64	Stem, I.D. 10
K- 07 35 02 30	Stem, I.D. 13

**Web:** <http://cat.hansa-flex.com/en/KTUE7278VA2>**LKM HR ST****Plug-in coupling sleeve (air) with locking mechanism**

Coupling housing made of composite material is extremely resistant to abrasion, impacts, crushing and vibrations.

<b>Design:</b>	Quick release coupling sleeve
<b>Construction type:</b>	with safety lock
<b>Connection 1:</b>	BSP external thread, cylindrical
<b>Connection 2:</b>	Sleeve Ø 7.2 mm
<b>Material:</b>	Steel / composite material

**Note:** Coupling safety lock prevents a hazardous whiplash effect.

Identification	Connecting thread	Operating pressure
LKM 06 HR ST	G 1/4" -19	PN 12
LKM 10 HR ST	G 3/8" -19	PN 12
LKM 13 HR ST	G 1/2" -14	PN 12

**Web:** <http://cat.hansa-flex.com/en/LKMHRST>**LKM HRK C****Plug-in coupling sleeve (air)**

<b>Design:</b>	Quick release coupling sleeve
<b>Construction type:</b>	with safety lock
<b>Connection 1:</b>	BSPT conical external threads
<b>Connection 2:</b>	Sleeve Ø 7.6 mm
<b>Material:</b>	Steel
<b>Surface:</b>	electro galvanised

**Note:** Coupling safety lock prevents a hazardous whiplash effect.

Identification	Connecting thread	Operating pressure
LKM 13 HRK C	R 1/2" K	PN 16

**Web:** <http://cat.hansa-flex.com/en/LKMHRKC>



## LKM IR ST

## Plug-in coupling sleeve (air) with locking mechanism

Coupling housing made of composite material is extremely resistant to abrasion, impacts, crushing and vibrations.

**Design:** Quick release coupling plug, DN 7, 2

**Construction type:** with safety lock

**Connection 1:** BSP cylindrical internal threads

**Connection 2:** Sleeve Ø 7.2 mm

**Material:** Steel / composite material



**Note:** Coupling safety lock prevents a hazardous whiplash effect.

Identification	Connecting thread	Operating pressure
LKM 06 IR ST	G 1/4" -19	PN 12
LKM 10 IR ST	G 3/8" -19	PN 12
LKM 13 IR ST	G 1/2" -14	PN 12

**Web:** <http://cat.hansa-flex.com/en/LKMIRST>

## LKM MM ST

## Plug-in coupling sleeve (air) with locking mechanism

Coupling housing made of composite material is extremely resistant to abrasion, impacts, crushing and vibrations.

**Design:** Quick release coupling sleeve

**Construction type:** with safety lock

**Connection 1:** Hose connection

**Connection 2:** Sleeve Ø 7.2 mm

**Material:** Steel / composite material



**Note:** Coupling safety lock prevents a hazardous whiplash effect.

Identification	for hose ID mm	Operating pressure
LKM 06 MM ST	6	PN 12
LKM 08 MM ST	8	PN 12
LKM 09 MM ST	9	PN 12
LKM 10 MM ST	10	PN 12
LKM 13 MM ST	13	PN 12

**Web:** <http://cat.hansa-flex.com/en/LKMMMST>

## LKM HB

## Plug-in coupling sleeve (air)

**Design:** Quick release coupling sleeve

**Connection 1:** BSP external thread, cylindrical

**Sealing form 1:** 60° inner cone

**Connection 2:** Sleeve Ø 7.2 mm

**Material:** Coupling, unlocking sleeve, valve body and brass valve, Springs, snap ring and pins from stainless steel, Gasket: NBR



Identification	Connecting thread	Operating pressure	AF mm
LKM 02 HB	G 1/8" -28	PN 35	22
LKM 06 HB	G 1/4" -19	PN 35	22

AF = Width across flats

**LKM HB**

(Continued)

**Plug-in coupling sleeve (air)**

Identification	Connecting thread	Operating pressure	AF mm
LKM 10 HB	G 3/8" -19	PN 35	22
LKM 13 HB	G 1/2" -14	PN 35	22

AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/LKMHB>**LKM IR****Plug-in coupling sleeve (air)**

**Design:** Quick release coupling sleeve  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Sleeve Ø 7.2 mm  
**Material:** Coupling, unlocking sleeve, valve body and brass valve, Springs, snap ring and pins from stainless steel, Gasket: NBR

Identification	Connecting thread	Operating pressure	AF mm
LKM 02 IR	G 1/8" -28	PN 35	22
LKM 06 IR	G 1/4" -19	PN 35	22
LKM 10 IR	G 3/8" -19	PN 35	22
LKM 13 IR	G 1/2" -14	PN 35	24

AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/LKMIR>**LKM MM****Plug-in coupling sleeve (air)**

**Design:** Quick release coupling sleeve  
**Construction:** straight  
**Connection 1:** Hose connection  
**Connection 2:** Sleeve Ø 7.2 mm  
**Material:** Coupling, unlocking sleeve, valve body and brass valve, Springs, snap ring and pins from stainless steel, Gasket: NBR

Identification	for hose ID mm	Operating pressure
LKM 06 MM	6	PN 35
LKM 08 MM	8	PN 35
LKM 09 MM	9	PN 35
LKM 10 MM	10	PN 35
LKM 13 MM	13	PN 35

**Web:** <http://cat.hansa-flex.com/en/LKMMM>

## LKM MM 45

## Plug-in coupling sleeve (air)

**Design:** Quick release coupling sleeve  
**Construction:** Angle 45°  
**Connection 1:** Hose connection  
**Connection 2:** Sleeve Ø 7.2 mm  
**Material:** Coupling, unlocking sleeve, valve body and brass valve, Springs, snap ring and pins from stainless steel, Gasket: NBR



Identification	for hose ID mm	Operating pressure
LKM 06 MM 45	6	PN 35
LKM 09 MM 45	9	PN 35
LKM 13 MM 45	13	PN 35

**Web:** <http://cat.hansa-flex.com/en/LKMMM45>

## LKM MM 90

## Plug-in coupling sleeve (air)

**Design:** Quick release coupling sleeve  
**Construction:** Angle 90°  
**Connection 1:** Hose connection  
**Connection 2:** Sleeve Ø 7.2 mm  
**Material:** Coupling, unlocking sleeve, valve body and brass valve, Springs, snap ring and pins from stainless steel, Gasket: NBR



Identification	for hose ID mm	Operating pressure
LKM 06 MM 90	6	PN 35
LKM 09 MM 90	9	PN 35
LKM 13 MM 90	13	PN 35

**Web:** <http://cat.hansa-flex.com/en/LKMMM90>

## LKS HB

## Plug-in coupling connector (air)

**Design:** Quick release coupling plug  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** 60° inner cone  
**Connection 2:** Connector Ø 7.2 mm  
**Material:** Brass



Identification	Connecting thread	Operating pressure	AF mm
LKS 02 HB	G 1/8" -28	PN 35	13
LKS 06 HB	G 1/4" -19	PN 35	17

AF = Width across flats



**LKS HB**

(Continued)

**Plug-in coupling connector (air)**

Identification	Connecting thread	Operating pressure	AF mm
LKS 10 HB	G 3/8" -19	PN 35	19
LKS 13 HB	G 1/2" -14	PN 35	24

AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/LKSHB>**LKS HR ST****Plug-in coupling connector (air)**

**Design:** Quick release coupling plug, DN 7, 2  
**Construction type:** for LKM...ST  
**Connection 1:** BSP external thread, cylindrical  
**Connection 2:** Connector Ø 7.2 mm  
**Material:** Steel  
**Surface:** electro galvanised

Identification	Connecting thread	Operating pressure
LKS 06 HR ST	G 1/4" -19	PN 35
LKS 10 HR ST	G 3/8" -19	PN 35
LKS 13 HR ST	G 1/2" -14	PN 35

**Web:** <http://cat.hansa-flex.com/en/LKSHRST>**LKS HRK C****Plug-in coupling connector (air)**

**Design:** Quick release coupling plug  
**Connection 1:** BSPT conical external threads  
**Connection 2:** Connector Ø 7.6 mm  
**Material:** Steel  
**Surface:** electro galvanised

Identification	Connecting thread	Operating pressure
LKS 04 HRK C	R 1/8" K	PN 16
LKS 06 HRK C	R 1/4" K	PN 16
LKS 10 HRK C	R 3/8" K	PN 16
LKS 13 HRK C	R 1/2" K	PN 16

**Web:** <http://cat.hansa-flex.com/en/LKSHRKC>

## LKS IR

## Plug-in coupling connector (air)

**Design:** Quick release coupling plug  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Connector Ø 7.2 mm  
**Material:** Brass



Identification	Connecting thread	Operating pressure	AF mm
LKS 02 IR	G 1/8" -28	PN 35	13
LKS 06 IR	G 1/4" -19	PN 35	17
LKS 10 IR	G 3/8" -19	PN 35	19
LKS 13 IR	G 1/2" -14	PN 35	24

AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/LKSIR>

## LKS IR C

## Plug-in coupling connector (air)

**Design:** Quick release coupling plug  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Connector Ø 7.6 mm  
**Material:** Steel  
**Surface:** electro galvanised



Identification	Connecting thread	Operating pressure
LKS 04 IR C	G 1/8" -28	PN 16
LKS 06 IR C	G 1/4" -19	PN 16
LKS 10 IR C	G 3/8" -19	PN 16
LKS 13 IR C	G 1/2" -14	PN 16

**Web:** <http://cat.hansa-flex.com/en/LKSIRC>

## LKS IR ST

## Plug-in coupling connector (air)

**Design:** Quick release coupling plug  
**Construction type:** for LKM...ST  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Connector Ø 7.2 mm  
**Material:** Steel  
**Surface:** electro galvanised



Identification	Connecting thread	Operating pressure
LKS 06 IR ST	G 1/4" -19	PN 16
LKS 10 IR ST	G 3/8" -19	PN 16
LKS 13 IR ST	G 1/2" -14	PN 16

**Web:** <http://cat.hansa-flex.com/en/LKSIRST>

**LKS MM****Plug-in coupling connector (air)**

**Design:** Quick release coupling plug  
**Connection 1:** Hose connection  
**Connection 2:** Connector Ø 7.2 mm  
**Material:** Brass

Identification	for hose ID mm	Operating pressure
LKS 06 MM	6	PN 35
LKS 08 MM	8	PN 35
LKS 09 MM	9	PN 35
LKS 10 MM	10	PN 35
LKS 13 MM	13	PN 16

**Web:** <http://cat.hansa-flex.com/en/LKSMM>

**LKS MM C****Plug-in coupling connector (air)**

**Design:** Quick release coupling plug  
**Connection 1:** Hose connection  
**Connection 2:** Connector Ø 7.6 mm  
**Material:** Steel  
**Surface:** electro galvanised

Identification	for hose ID mm	Operating pressure
LKS 04 MM C	5	PN 16
LKS 06 MM C	6	PN 16
LKS 08 MM C	8	PN 16
LKS 10 MM C	10	PN 16
LKS 13 MM C	13	PN 16

**Web:** <http://cat.hansa-flex.com/en/LKSMMC>

**LKS MM ST****Plug-in coupling connector (air)**

**Design:** Quick release coupling plug  
**Construction type:** for LKM...ST  
**Connection 1:** Hose connection  
**Connection 2:** Connector Ø 7.2 mm  
**Material:** Steel  
**Surface:** electro galvanised

Identification	for hose ID mm	Operating pressure
LKS 06 MM ST	6	PN 35
LKS 08 MM ST	8	PN 35
LKS 09 MM ST	9	PN 35



(Continued)

LKS MM ST

## Plug-in coupling connector (air)

Identification	for hose ID mm	Operating pressure
LKS 10 MM ST	10	PN 35
LKS 13 MM ST	13	PN 35

Web: <http://cat.hansa-flex.com/en/LKSMMST>

K-LKM 7,8 UWB

## Non-interchangeable quick disconnect couplings DN 7.8

One-hand quick disconnect couplings with a large bore. Different media can be connected safely and non-interchangeably even when space is restricted, thanks to the colour-coded coupling and plug and the different coupling profiles defined for each of the four colours. Only couplings and plugs of the same colour fit together.

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Media temperature:** -20 °C to +100 °C

**Housing:** Brass

**Valve:** Die-cast zinc, nickel-plated

**Unlocking sleeve:** Anodised aluminium

**Spring, snap ring, balls:** stain less steel

**Sealant:** NBR

**Note:** Standard push-in plugs for couplings DN 5 and DN 7.2 – DN 7.8 are compatible with these non-interchangeable couplings. Further information on request



Identification	Connection	Colour	Length mm	AF mm	Identification	Connection	Colour	Length mm	AF mm
K-07 35 08 01	G 1/4 male	green	57,5	19	K-07 35 08 09	G 1/4 male	blue	57,5	19
K-07 35 08 02	G 3/8 male	green	57,5	19	K-07 35 08 10	G 3/8 male	blue	57,5	19
K-07 35 08 03	G 1/4 female	green	55,5	19	K-07 35 08 11	G 1/4 female	blue	55,5	19
K-07 35 08 04	G 3/8 female	green	54,5	19	K-07 35 08 12	G 3/8 female	blue	54,5	19
K-07 35 08 05	G 1/4 male	Brown	57,5	19	K-07 35 08 13	G 1/4 male	red	57,5	19
K-07 35 08 06	G 3/8 male	Brown	57,5	19	K-07 35 08 14	G 3/8 male	red	57,5	19
K-07 35 08 07	G 1/4 female	Brown	55,5	19	K-07 35 08 15	G 1/4 female	red	55,5	19
K-07 35 08 08	G 3/8 female	Brown	54,5	19	K-07 35 08 16	G 3/8 female	red	54,5	19



Web: <http://cat.hansa-flex.com/en/CLKM78UWB>

## K-LKS 7,8 UWB

### Stems and plugs DN 7.8

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 1.800 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Material:** Brass



**Note:** Further information on request

Identification	Designation	Colour	AF mm	Identification	Designation	Colour	AF mm
K- 07 35 02 71	Stem, I.D. 6	green		K- 07 35 02 79	Plug G 1/4 male	green	17
K- 07 35 02 72	Stem, I.D. 9	green		K- 07 35 02 80	Plug G 3/8 male	green	19
K- 07 35 02 73	Stem, I.D. 6	Brown		K- 07 35 02 81	Plug G 1/4 male	Brown	17
K- 07 35 02 74	Stem, I.D. 9	Brown		K- 07 35 02 82	Plug G 3/8 male	Brown	19
K- 07 35 02 75	Stem, I.D. 6	blue		K- 07 35 02 83	Plug G 1/4 male	blue	17
K- 07 35 02 76	Stem, I.D. 9	blue		K- 07 35 02 84	Plug G 3/8 male	blue	19
K- 07 35 02 77	Stem, I.D. 6	red		K- 07 35 02 85	Plug G 1/4 male	red	17
K- 07 35 02 78	Stem, I.D. 9	red		K- 07 35 02 86	Plug G 3/8 male	red	19



**Web:** <http://cat.hansa-flex.com/en/KLKS78UWB>

## K-LKM 5 UWB

### Non-interchangeable quick disconnect couplings DN 5

One-hand quick disconnect couplings with a large bore. Different media can be connected safely and non-interchangeably even when space is restricted, thanks to the colour-coded coupling and plug and the different coupling profiles defined for each of the four colours. Only couplings and plugs of the same colour fit together.



**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)  
**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Unlocking sleeve:** Anodised aluminium  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Standard push-in plugs for couplings DN 5 and DN 7.2 – DN 7.8 are compatible with these non-interchangeable couplings. Further information on request

Identification	Connection	Colour	Length mm	AF mm	Identification	Connection	Colour	Length mm	AF mm
K- 07 35 06 80	G 1/8 male	green	45,0	14	K- 07 35 06 88	G 1/8 male	blue	45,0	14
K- 07 35 06 81	G 1/4 male	green	47,0	17	K- 07 35 06 89	G 1/4 male	blue	47,0	17
K- 07 35 06 82	G 1/8 female	green	45,0	14	K- 07 35 06 90	G 1/8 female	blue	45,0	14
K- 07 35 06 83	G 1/4 female	green	47,0	17	K- 07 35 06 91	G 1/4 female	blue	47,0	17
K- 07 35 06 84	G 1/8 male	Brown	45,0	14	K- 07 35 06 92	G 1/8 male	red	45,0	14
K- 07 35 06 85	G 1/4 male	Brown	47,0	17	K- 07 35 06 93	G 1/4 male	red	47,0	17
K- 07 35 06 86	G 1/8 female	Brown	45,0	14	K- 07 35 06 94	G 1/8 female	red	45,0	14
K- 07 35 06 87	G 1/4 female	Brown	47,0	17	K- 07 35 06 95	G 1/4 female	red	47,0	17



**Web:** <http://cat.hansa-flex.com/en/KLKM5UWB>



## K-LKS 5 UWB

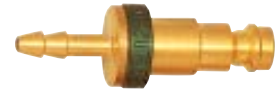
## Stems and plugs DN 5

**Operating pressure:** 0 - 35 bar, maximum static working pressure (non-pulsating)

**Flow rate air:** 560 l/min (at 6 bar and  $\Delta p = 0.5$  bar)

**Media temperature:** -20 °C to +100 °C

**Material:** Brass



**Note:** Further information on request

Identification	Designation	Colour	AF mm	Identification	Designation	Colour	AF mm
K-07 35 01 54	Stem, I.D. 6	green		K-07 35 01 64	Plug G 1/8 female	Brown	17
K-07 35 01 55	Stem, I.D. 6	Brown		K-07 35 01 65	Plug G 1/4 female	Brown	17
K-07 35 01 56	Stem, I.D. 6	blue		K-07 35 01 66	Plug G 1/8 male	blue	17
K-07 35 01 57	Stem, I.D. 6	red		K-07 35 01 67	Plug G 1/4 male	blue	17
K-07 35 01 58	Plug G 1/8 male	green	17	K-07 35 01 68	Plug G 1/8 female	blue	17
K-07 35 01 59	Plug G 1/4 male	green	17	K-07 35 01 69	Plug G 1/4 female	blue	17
K-07 35 01 60	Plug G 1/8 female	green	17	K-07 35 01 70	Plug G 1/8 male	red	17
K-07 35 01 61	Plug G 1/4 female	green	17	K-07 35 01 71	Plug G 1/4 male	red	17
K-07 35 01 62	Plug G 1/8 male	Brown	17	K-07 35 01 72	Plug G 1/8 female	red	17
K-07 35 01 63	Plug G 1/4 male	Brown	17	K-07 35 01 73	Plug G 1/4 female	red	17



**Web:** <http://cat.hansa-flex.com/en/KLK5UWB>

## K-HYDR-KUPPLUNG IG MS

## Hydraulic couplings, brass

Hydraulic couplings, both sides sealing, for liquid media acc. to ISO 7241, B Series.

**Operating pressure:** See table. All values referred to a medium temperature of 50 °C (static working pressure)

**Flow rate air:** 440 l/min (G 1/8), 840 l/min (G 1/4), 1.280 l/min (G 3/8), 1.950 l/min (G 1/2), 4.500 l/min (G 3/4) (at 6 bar and  $\Delta p = 0,5$  bar)

**Media temperature:** -20 °C to +100 °C

**Housing, sleeve, valve:** Brass

**Spring, snap ring, balls:** stain less steel

**Sealant:** NBR



**Note:** Further information on request

Identification	Connection	DN	Operating pressure bar	Length mm	AF mm
K-07 35 03 81	G 1/8 female	4,3	250,0	48,5	14
K-07 35 03 82	G 1/4 female	6,3	200,0	57,6	19
K-07 35 03 83	G 3/8 female	7,5	200,0	64,2	22
K-07 35 03 84	G 1/2 female	11,0	150,0	76,0	27
K-07 35 03 85	G 3/4 female	13,0	100,0	96,0	34

**Web:** <http://cat.hansa-flex.com/en/KHYDRKUPPLUNGIGMS>

**K-VERSCHLUSSNIPPEL IG MS**

## Self-sealing plugs, brass



Hydraulic couplings, both sides sealing, for liquid media acc. to ISO 7241, B Series.

**Operating pressure:** See table. All values referred to a medium temperature of 50 °C (static working pressure)  
**Flow rate air:** 440 l/min (G 1/8), 840 l/min (G 1/4), 1.280 l/min (G 3/8), 1.950 l/min (G 1/2), 4.500 l/min (G 3/4) (at 6 bar and  $\Delta p = 0,5$  bar)  
**Media temperature:** -20 °C to +100 °C  
**Housing, sleeve, valve:** Brass  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	DN	Operating pressure bar	Length mm	AF mm
K- 07 40 10 15	G 1/8 female	4,3	250,0	29,5	14
K- 07 40 10 16	G 1/4 female	6,3	200,0	35,3	19
K- 07 40 10 17	G 3/8 female	7,5	200,0	39,0	22
K- 07 40 10 18	G 1/2 female	11,0	150,0	48,0	27
K- 07 40 10 19	G 3/4 female	13,0	100,0	60,0	36

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSNIPPELIGMS>

**K-HYDR-KUPPLUNG IG POM**

## Hydraulic couplings, POM



Hydraulic couplings, both sides sealing, for liquid media acc. to ISO 7241, B Series.

**Operating pressure:** See table. All values referred to a medium temperature of 50 °C (static working pressure)  
**Flow rate air:** 440 l/min (G 1/8), 840 l/min (G 1/4), 1.280 l/min (G 3/8), 1.950 l/min (G 1/2), 4.500 l/min (G 3/4) (at 6 bar and  $\Delta p = 0,5$  bar)  
**Media temperature:** -20 °C to +90 °C  
**Housing, sleeve:** POM (Delrin), white  
**Valve:** Stainless steel 1.4305  
**Spring, snap ring, balls:** stain less steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Operating pressure bar	Length mm	DN	AF mm
K- 07 35 03 76	G 1/8 female	15,0	48,5	4,3	14
K- 07 35 03 77	G 1/4 female	15,0	57,6	6,0	19
K- 07 35 03 78	G 3/8 female	15,0	64,2	7,5	22
K- 07 35 03 79	G 1/2 female	10,0	76,0	11,0	27
K- 07 35 03 80	G 3/4 female	10,0	96,0	13,0	34

**Web:** <http://cat.hansa-flex.com/en/KHYDRKUPPLUNGIGPOM>

**K-VERSCHLUSSNIPPEL IG POM**

## Self-sealing plugs, POM

Hydraulic couplings, both sides sealing, for liquid media acc. to ISO 7241, B Series.

- Operating pressure:** See table. All values referred to a medium temperature of 50 °C (static working pressure)
- Flow rate air:** 440 l/min (G 1/8), 840 l/min (G 1/4), 1.280 l/min (G 3/8), 1.950 l/min (G 1/2), 4.500 l/min (G 3/4) (at 6 bar and  $\Delta p = 0,5$  bar)
- Media temperature:** -20 °C to +90 °C
- Housing, sleeve:** POM (Delrin), white
- Valve:** Stainless steel 1.4305
- Spring, snap ring, balls:** stain less steel
- Sealant:** NBR
- Note:** Further information on request



Identification	Connection	Operating pressure bar	Length mm	DN	AF mm
K-07 40 39 58	G 1/8 female	15,0	29,5	4,3	14
K-07 40 39 59	G 1/4 female	15,0	35,3	6,0	19
K-07 40 39 60	G 3/8 female	15,0	39,0	7,5	22
K-07 40 39 61	G 1/2 female	10,0	48,0	11,0	27
K-07 40 39 62	G 3/4 female	10,0	60,0	13,0	36

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSNIPPELIGPOM>

**LSK HR G**

## Claw coupling (air)

- Design:** Claw outer thread coupling
- Construction type:** with safety double cam
- Connection 1:** BSP external thread, cylindrical
- Connection 2:** Claw coupling
- Sealing form 2:** Rubber sealing ring
- Standard:** DIN 3489
- Temp. min.:** -40 °C
- Temp. max.:** 95 °C
- Material:** Cast iron
- Surface:** electro galvanised



**Note:** A coupling with brass seal should be used as the counter coupling.

Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 06 HR G	G 1/4" -19	42	PN 10
LSK NW 10 HR G	G 3/8" -19	42	PN 10
LSK NW 13 HR G	G 1/2" -14	42	PN 10
LSK NW 20 HR G	G 3/4" -14	42	PN 10
LSK NW 25 HR G	G 1" -11	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKHRG>

**Product versions:**

**LSK HR G AC** - Claw coupling (air), Steel

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

**LSK HR M****Claw coupling (air)**

**Design:** Claw outer thread coupling  
**Construction type:** with safety double cam  
**Connection 1:** BSP external thread, cylindrical  
**Connection 2:** Claw coupling  
**Sealing form 2:** Brass seal with rubber insert  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Cast iron  
**Surface:** electro galvanised

**Note:** A coupling with rubber seal must be used as the counter coupling.

Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 13 HR M	G 1/2" -14	42	PN 10
LSK NW 20 HR M	G 3/4" -14	42	PN 10
LSK NW 25 HR M	G 1" -11	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKHRM>

**Spare parts:**

**LSK MOOH** - Brass sleeve for claw coupling  
**LSK HOOS** - Retaining screw for claw coupling  
**LSK SOOR** - Hose ring for claw coupling

**LSK IR G****Claw coupling (air)**

**Design:** Claw inner thread coupling  
**Construction type:** with safety double cam  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3489  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Cast iron  
**Surface:** electro galvanised

Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 06 IR G	G 1/4" -19	42	PN 10
LSK NW 10 IR G	G 3/8" -19	42	PN 10
LSK NW 13 IR G	G 1/2" -14	42	PN 10
LSK NW 20 IR G	G 3/4" -14	42	PN 10
LSK NW 25 IR G	G 1" -11	42	PN 10
LSK NW 32 IR G	G 1.1/4" -11	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKIRG>

**Product versions:**

**LSK IR G AC** - Claw coupling (air), Steel

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

## LSK IR M

## Claw coupling (air)

**Design:** Claw inner thread coupling  
**Construction type:** with safety double cam  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Claw coupling  
**Sealing form 2:** Brass seal with rubber insert  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Cast iron  
**Surface:** electro galvanised



**Note:** A coupling with rubber seal must be used as the counter coupling.

Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 13 IR M	G 1/2" -14	42	PN 10
LSK NW 20 IR M	G 3/4" -14	42	PN 10
LSK NW 25 IR M	G 1" -11	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKIRM>

**Spare parts:**

**LSK HOOS** - Retaining screw for claw coupling  
**LSK MOOH** - Brass sleeve for claw coupling  
**LSK SOOR** - Hose ring for claw coupling

## LSK G

## Claw coupling (air)

**Design:** Claw hose coupling  
**Construction type:** with safety double cam  
**Connection 1:** Hose connection  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3489  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Cast iron  
**Surface:** electro galvanised



Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 06 G	6	1/4"	42	PN 10
LSK NW 10 G	10	3/8"	42	PN 10
LSK NW 13 G	13	1/2"	42	PN 10
LSK NW 15 G	15	5/8"	42	PN 10
LSK NW 19 G	19	3/4"	42	PN 10
LSK NW 25 G	25	1"	42	PN 10
LSK NW 32 G	32	1.1/4"	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKG>

**Product versions:**

**LSK G AC** - Claw coupling (air), Steel

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

**LSK M****Claw coupling (air)**

**Design:** Claw hose coupling  
**Construction type:** with safety double cam  
**Connection 1:** Hose connection  
**Connection 2:** Claw coupling  
**Sealing form 2:** Brass seal with rubber insert  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Cast iron  
**Surface:** galvanised, white chromised

**Note:** A coupling with rubber seal must be used as the counter coupling.

Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 13 M	13	1/2"	42	PN 10
LSK NW 15 M	15	5/8"	42	PN 10
LSK NW 19 M	19	3/4"	42	PN 10
LSK NW 25 M	25	1/2"	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKM>

**Spare parts:**

**LSK HOOS** - Retaining screw for claw coupling

**LSK MOOH** - Brass sleeve for claw coupling

**LSK SOOR** - Hose ring for claw coupling

**LSK SB G****Claw coupling (air), safety collar**

**Design:** Claw hose coupling  
**Construction type:** with safety double nipple and safety collar  
**Connection 1:** Hose connection  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3489  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Cast iron  
**Surface:** electro galvanised

Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 13 SB G	13	1/2"	42	PN 10
LSK NW 15 SB G	15	5/8"	42	PN 10
LSK NW 19 SB G	19	3/4"	42	PN 10
LSK NW 25 SB G	25	1"	42	PN 10

**Web:** <http://cat.hansa-flex.com/en/LSKSBG>

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

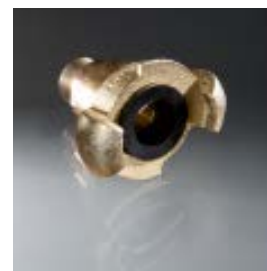
**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

**LSK HR G D**

## Claw coupling (air), rotating

**Design:** Rotating claw outer thread coupling  
**Construction type:** with safety double cam  
**Connection 1:** BSP external thread, cylindrical  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3489  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Malleable cast iron coupling head / Steel nozzle  
**Surface:** electro galvanised



Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 13 HR G D	G 1/2" -14	42	PN 16
LSK NW 20 HR G D	G 3/4" -14	42	PN 16
LSK NW 25 HR G D	G 1" -11	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKHRGD>

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

**LSK IR D**

## Claw coupling (air), rotating

**Design:** Rotating claw inner thread coupling  
**Construction type:** with safety double cam  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3489  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Malleable cast iron coupling head / Steel nozzle  
**Surface:** electro galvanised



Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 13 IR D	G 1/2" -14	42	PN 16
LSK NW 20 IR D	G 3/4" -14	42	PN 16
LSK NW 25 IR D	G 1" -11	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKIRD>

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

**LSK G D**

## Claw coupling (air), rotating



<b>Design:</b>	Rotating claw hose coupling
<b>Construction type:</b>	with safety double cam
<b>Connection 1:</b>	Hose connection
<b>Connection 2:</b>	Claw coupling
<b>Sealing form 2:</b>	Rubber sealing ring
<b>Standard:</b>	DIN 3489
<b>Temp. min.:</b>	-40 °C
<b>Temp. max.:</b>	95 °C
<b>Material:</b>	Malleable cast iron coupling head / Steel nozzle
<b>Surface:</b>	electro galvanised

Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 13 G D	13	1/2"	42	PN 16
LSK NW 19 G D	19	3/4"	42	PN 16
LSK NW 25 G D	25	1"	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKGD>

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling

**LSK SB G D**

## Claw coupling (air), safety collar



<b>Design:</b>	Rotating claw hose coupling
<b>Construction type:</b>	with safety double nipple and safety collar
<b>Connection 1:</b>	Hose connection
<b>Connection 2:</b>	Claw coupling
<b>Sealing form 2:</b>	Rubber sealing ring
<b>Standard:</b>	DIN 3489
<b>Temp. min.:</b>	-40 °C
<b>Temp. max.:</b>	95 °C
<b>Material:</b>	Malleable cast iron coupling head / Steel nozzle
<b>Surface:</b>	electro galvanised

Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 13 SB G D	13	1/2"	42	PN 16
LSK NW 19 SB G D	19	3/4"	42	PN 16
LSK NW 25 SB G D	25	1"	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKSBGD>

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**Accessories:**

**LSK GDOR** - Rubber ring for claw coupling



**LSK HR MODY****Claw coupling (air), MODY**

with reinforced thread protection ring and new sealing ring on both sides.

**Design:** MODY outer thread coupling  
**Connection 1:** BSP external thread, cylindrical  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3238  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Malleable cast iron coupling head / Steel nozzle  
**Surface:** electro galvanised



Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 10 HR MODY	G 3/8" -19	42	PN 16
LSK NW 13 HR MODY	G 1/2" -14	42	PN 16
LSK NW 20 HR MODY	G 3/4" -14	42	PN 16
LSK NW 25 HR MODY	G 1" -11	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKHRMODY>

**Spare parts:**

**LSK SGOR N** - Rubber ring for MODY coupling

**Accessories:**

**LSK SDOR N** - Rubber ring for MODY coupling

**LSK IR MODY****Claw coupling (air), MODY**

with reinforced thread protection ring and new sealing ring on both sides.

**Design:** MODY inner thread coupling  
**Connection 1:** BSP cylindrical internal threads  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3238  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Malleable cast iron coupling head / Steel nozzle  
**Surface:** electro galvanised



Identification	Connecting thread	Cog space mm	Operating pressure
LSK NW 10 IR MODY	G 3/8" -19	42	PN 16
LSK NW 13 IR MODY	G 1/2" -14	42	PN 16
LSK NW 20 IR MODY	G 3/4" -14	42	PN 16
LSK NW 25 IR MODY	G 1" -11	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKIRMODY>

**Spare parts:**

**LSK SGOR N** - Rubber ring for MODY coupling

**Accessories:**

**LSK SDOR N** - Rubber ring for MODY coupling

**LSK MODY****Claw coupling (air), MODY**

with reinforced thread protection ring and new sealing ring on both sides.

**Design:** MODY hose coupling  
**Construction type:** with safety double cam  
**Connection 1:** Hose connection  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3238  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Malleable cast iron coupling head / Steel nozzle  
**Surface:** electro galvanised

Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 10 MODY	10	3/8"	42	PN 16
LSK NW 13 MODY	13	1/2"	42	PN 16
LSK NW 15 MODY	15	5/8"	42	PN 16
LSK NW 19 MODY	19	3/4"	42	PN 16
LSK NW 25 MODY	25	1"	42	PN 16
LSK NW 32 MODY	32	1.1/4"	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKMODY>

**Spare parts:**

LSK SGOR N - Rubber ring for MODY coupling

**Accessories:**

LSK SDOR N - Rubber ring for MODY coupling

**LSK SB MODY****Claw coupling (air), MODY, with safety collar**

with safety collar, reinforced thread protection ring and new sealing ring guided on both sides.

**Design:** MODY hose coupling  
**Construction type:** with safety double nipple and safety collar  
**Connection 1:** Hose connection  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Standard:** DIN 3228  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Malleable cast iron coupling head / Steel nozzle  
**Surface:** electro galvanised

Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 10 SB MODY	10	3/8"	42	PN 16
LSK NW 13 SB MODY	13	1/2"	42	PN 16
LSK NW 15 SB MODY	15	5/8"	42	PN 16
LSK NW 19 SB MODY	19	3/4"	42	PN 16
LSK NW 25 SB MODY	25	1"	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKSBMODY>

**Spare parts:**

LSK SGOR N - Rubber ring for MODY coupling

**Accessories:**

LSK SDOR N - Rubber ring for MODY coupling

**LSK G AC MODY****Claw coupling (air), MODY**

with reinforced thread protection ring and new sealing ring on both sides.

**Design:** MODY hose coupling  
**Connection 1:** Hose connection  
**Connection 2:** Claw coupling  
**Sealing form 2:** Rubber sealing ring  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Steel  
**Surface:** electro galvanised



Identification	for hose ID mm	Inches	Cog space mm	Operating pressure
LSK NW 13 G AC MODY	12,5	1/2"	42	PN 16
LSK NW 20 G AC MODY	20,0	3/4"	42	PN 16
LSK NW 25 G AC MODY	25,0	1"	42	PN 16

**Web:** <http://cat.hansa-flex.com/en/LSKGACMODY>

**Spare parts:**

**LSK SGOR N** - Rubber ring for MODY coupling

**Accessories:**

**LSK SDOR N** - Rubber ring for MODY coupling

**K-BKR ECKFORM KUPP IG**

Plug valves with coupling, one side sealing, female threaded, with lever stop and exhaust



Identification	Connection	DN	H mm	L mm	AF mm
K-07 35 05 41	G 1/2	15	93,0	131,0	41
K-07 35 05 42	G 3/4	17	93,0	124,0	41
K-07 35 05 40	G 1	17	93,0	124,0	41

**Web:** <http://cat.hansa-flex.com/en/KBKRECKFORMKUPPIG>

**DH IR HB****Double plug valve**

Self-sealing; under pressure, the conical plug is pressed against the housing and seals valve off. This prevents sealing wear.

**Application:** for compressed air supply in construction, compressors, hose lines and hammers.

**Connection 1:** BSP cylindrical internal threads

**Connection 2 + 3:** BSP cylindrical external threads

**Standard:** DIN 3487

**Included in scope of supply:** with lever stop and bleeding, with brass plug and malleable cast iron lever

**Temp. min.:** -15 °C

**Temp. max.:** 80 °C

**Media:** Compressed air

**Material:** Malleable cast iron

**Surface:** electro galvanised

Identification	DN*	G1	G2 + G3	h mm	l mm	AF mm	Operating pressure
DH NW 20 IR 20 HB	17	G 3/4" -14	G 3/4" -14	100	110	41	PN 10
DH NW 25 IR 20 HB	17	G 1" -11	G 3/4" -14	100	110	41	PN 10

DN = Nominal diameter, nominal width    G1 - G3 = Threads for connections 1-3    AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/DHIRHB>

**DH IR HB D****Double plug valve**

Self-sealing; under pressure, the conical plug is pressed against the housing and seals valve off. This prevents sealing wear.

**Application:** for compressed air supply in construction, compressors, hose lines and hammers.

**Connection 1:** BSP cylindrical internal threads

**Connection 2 + 3:** Claw coupling

**Standard:** DIN 3487

**Included in scope of supply:** with lever stop and bleeding, with brass plug and malleable cast iron lever

**Temp. min.:** -15 °C

**Temp. max.:** 80 °C

**Media:** Compressed air

**Material:** Malleable cast iron

**Surface:** electro galvanised

Identification	DN*	G1	h mm	AF mm	Operating pressure
DH NW 20 IR 20 HB D	17	G 3/4" -14	100	41	PN 10

DN = Nominal diameter, nominal width    G1 = Thread of connection 1    AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/DHIRHBD>

**BKR BH HB****Plug valve for hammer drill**

Self-sealing; under pressure, the conical plug is pressed against the housing and seals valve off. This prevents sealing wear.

**Application:** for compressed air supply in construction, compressors, hose lines and hammers.

**Connection 1 + 2:** BSP cylindrical external threads

**Standard:** DIN 20030

**Included in scope of supply:** with brass plug and malleable cast iron lever

**Temp. min.:** -15 °C

**Temp. max.:** 80 °C

**Media:** Compressed air

**Material:** Malleable cast iron

**Surface:** electro galvanised

**Note:** Input thread with counter nut SW 32/41 Hammer drill valves DIN 20030 without lever without lever stop, without bleeding.



Identification	DN*	G1 + G2	h mm	l mm	AF mm	Operating pressure
BKR BH NW 20 HB	12	G 3/4" -14	85	110	32	PN 10
BKR BH NW 25 HB	16	G 1" -11	95	120	36	PN 10

DN = Nominal diameter, nominal width G1 + G2 = Threads of connections 1+2 AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/BKRBHHB>

**BKR BH HB RD****Plug valve for hammer drill**

Self-sealing; under pressure, the conical plug is pressed against the housing and seals valve off. This prevents sealing wear.

**Application:** for compressed air supply in construction, compressors, hose lines and hammers.

**Connection 1:** BSP external thread, cylindrical

**Connection 2:** round external thread

**Standard:** DIN 20030

**Included in scope of supply:** with brass plug and malleable cast iron lever

**Temp. min.:** -15 °C

**Temp. max.:** 80 °C

**Media:** Compressed air

**Material:** Malleable cast iron

**Surface:** electro galvanised

**Note:** Input thread with counter nut SW 32/41 Hammer drill valves DIN 20030 without lever without lever stop, without bleeding.



Identification	DN*	G1	G2	h mm	l mm	AF mm	Operating pressure
BKR BH NW 20 HB 32 RD	12	G 3/4" -14	Rd 32 x 1/8"	95	140	32	PN 10
BKR BH NW 25 HB 32 RD	16	G 1" -11	Rd 32 x 1/8"	95	120	36	PN 10

DN = Nominal diameter, nominal width G1 + G2 = Threads of connections 1+2 AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/BKRBHHBRD>

**LSK VERSCHLUSS**

## Cap for claw coupling



**Design:** Cap coupling  
**Connection:** Claw coupling  
**Sealing form 1:** Rubber sealing ring  
**Standard:** DIN 3489  
**Material:** Cast iron  
**Surface:** electro galvanised

Identification	Cog space mm	Operating pressure	Included in scope of supply
LSK VERSCHLUSS MK	42	PN 10	with chain
LSK VERSCHLUSS OK	42	PN 10	without chain

**Web:** <http://cat.hansa-flex.com/en/LSKVERSCHLUSS>

**Spare parts:**

**LSK GOOR** - Rubber ring for claw coupling

**LSK VERSCHLUSS EK** - Replacement chain for sealing claw coupling

**LSK GDOR**

## Rubber ring for claw coupling



**Design:** Rubber ring for claw couplings  
**Construction type:** steam resistant  
**Temp. min.:** -40 °C  
**Temp. max.:** 200 °C  
**Material:** Silicone

Identification	External Ø mm	Internal Ø mm	h mm
LSK GDOR	33	20	10

**Web:** <http://cat.hansa-flex.com/en/LSKGDOR>

**LSK GOOR**

## Rubber ring for claw coupling



**Design:** Rubber ring for claw couplings  
**Construction type:** oil resistant synthetic rubber  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Perbunan

Identification	External Ø mm	Internal Ø mm	h mm
LSK GOOR	34	20	10,5

**Web:** <http://cat.hansa-flex.com/en/LSKGOOR>

**LSK SDOR****Rubber ring for MODY coupling**

**Design:** Rubber ring for MODY couplings  
**Construction type:** steam resistant  
**Temp. min.:** -40 °C  
**Temp. max.:** 200 °C  
**Material:** Silicone



**Note:** SDOR only suitable for the old seal base.

Identification	External Ø mm	Internal Ø mm	h mm
LSK SDOR	33	21	7

**Web:** <http://cat.hansa-flex.com/en/LSKSDOR>

**LSK SDOR N****Rubber ring for MODY coupling**

**Design:** Rubber ring for MODY couplings  
**Construction type:** steam resistant  
**Temp. min.:** -40 °C  
**Temp. max.:** 200 °C  
**Material:** Ohasil



**Note:** SDORN suitable for new seal seats led on both sides.

Identification	External Ø mm	Internal Ø mm	h mm
LSK SDOR N	30	21	4

**Web:** <http://cat.hansa-flex.com/en/LSKSDORN>

**LSK SGOR****Rubber ring for MODY coupling**

**Design:** Rubber ring for MODY couplings  
**Construction type:** oil resistant synthetic rubber  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Perbunan



**Note:** SGOR only suitable for the old seal base.

Identification	External Ø mm	Internal Ø mm	h mm
LSK SGOR	33	21	7

**Web:** <http://cat.hansa-flex.com/en/LSKSGOR>

**LSK SGORN**

## Rubber ring for MODY coupling



**Design:** Rubber ring for MODY couplings  
**Construction type:** oil resistant synthetic rubber  
**Temp. min.:** -40 °C  
**Temp. max.:** 90 °C  
**Material:** Perbunan

**Note:** SGORN suitable for new seal bases guided on both sides.

Identification	External Ø mm	Internal Ø mm	h mm
LSK SGORN	30	21	4

**Web:** <http://cat.hansa-flex.com/en/LSKSGORN>

**LSK HOOS**

## Retaining screw for claw coupling



**Design:** Retaining screw for claw coupling with brass seal.  
**Material:** Steel  
**Surface:** electro galvanised

Identification	G1
LSK HOOS	M 5 x 14

**Web:** <http://cat.hansa-flex.com/en/LSKHOOS>

**LSK MOOH**

## Brass sleeve for claw coupling



**Design:** Brass sleeve for claw coupling with brass seal.  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Brass

Identification	External Ø mm	Internal Ø mm	h mm
LSK MOOH	32	17	21

**Web:** <http://cat.hansa-flex.com/en/LSKMOOH>



**LSK SOOR****Hose ring for claw coupling**

**Design:** Hose ring for claw coupling with brass seal  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Material:** Perbunan



Identification	External Ø mm	Internal Ø mm	h mm
LSK SOOR	28	23	12

**Web:** <http://cat.hansa-flex.com/en/LSKSOOR>

**LSK VERSCHLUSS EK****Replacement chain for sealing claw coupling**

**Design:** Replacement chain for sealing claw coupling  
**Material:** Steel  
**Surface:** electro galvanised



Identification	Length mm
LSK VERSCHLUSS EK	200

**Web:** <http://cat.hansa-flex.com/en/LSKVERSCHLUSSEK>



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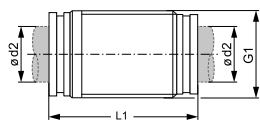
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**TR G VB**

## Connector for Tecalan pipe



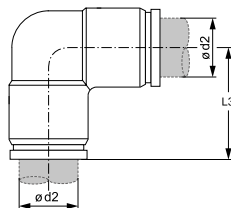
**Construction:** straight  
**Design:** Connector  
**Material:** Brass  
**Surface:** nickel plated

Identification	$\varnothing d2$ mm	G1	L1 mm
TR 04 G VB	4	M 11 x 1	28,6
TR 05 G VB	5	M 14 x 1	33,5
TR 06 G VB	6	M 13 x 1	31,2
TR 08 G VB	8	M 15 x 1	33,9
TR 10 G VB	10	M 17 x 1	37,8
TR 12 G VB	12	M 20 x 1	39,7
TR 14 G VB	14	M 24 x 1	45,5

**Web:** <http://cat.hansa-flex.com/en/TRGVB>

**TR W VB**

## Connector for Tecalan pipe



**Construction:** Angle 90°  
**Design:** Connector  
**Material:** Brass  
**Surface:** nickel plated

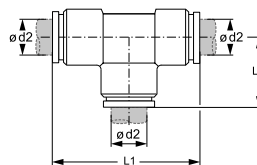
Identification	$\varnothing d2$ mm	L3 mm
TR 04 W VB	4	18,2
TR 05 W VB	5	19,2
TR 06 W VB	6	19,7
TR 08 W VB	8	23,2
TR 10 W VB	10	27,5
TR 12 W VB	12	25,5
TR 14 W VB	14	29,1

**Web:** <http://cat.hansa-flex.com/en/TRWVB>

## TR T VB

## Connector for Tecalan pipe

**Construction:** T shaped  
**Design:** Connector  
**Material:** Brass  
**Surface:** nickel plated



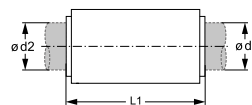
Identification	Ø d2 mm	L1 mm	L2 mm
TR 04 T VB	4	36,4	18,2
TR 05 T VB	5	38,4	19,2
TR 06 T VB	6	39,4	19,7
TR 08 T VB	8	46,4	23,2
TR 10 T VB	10	55,0	27,5
TR 12 T VB	12	51,0	25,5
TR 14 T VB	14	58,2	29,1

**Web:** <http://cat.hansa-flex.com/en/TRTVB>

## TR G VB T

## Connector for Tecalan pipe

**Special features:** TÜV tested  
**Construction:** straight  
**Design:** Connector  
**Material:** Steel  
**Surface:** electro galvanised

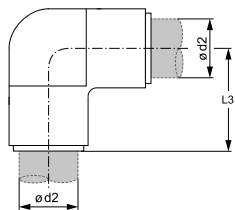


Identification	Ø d2 mm	for pipe	L1 mm
TR 06 G VB T	6	6 x 1	35,6
TR 08 G VB T	8	8 x 1	37,6
TR 09 G VB T	9	9 x 1.5	47,0
TR 10 G VB T	10	10 x 1	44,1
TR 11 G VB T	11	11 x 1.5	48,0
TR 12 G VB T	12	12 x 1.5	51,1
TR 15 G VB T	15	15 x 1.5	61,5

**Web:** <http://cat.hansa-flex.com/en/TRGVBT>

**TR W VB T**

## Connector for Tecalan pipe



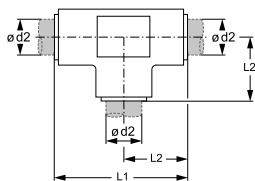
**Special features:** TÜV tested  
**Construction:** Angle 90°  
**Design:** Connector  
**Material:** Steel  
**Surface:** electro galvanised

Identification	$\varnothing d2$ mm	L3 mm
TR 06 W VB T	6	21,0
TR 08 W VB T	8	22,8
TR 10 W VB T	10	27,1
TR 12 W VB T	12	32,1
TR 15 W VB T	15	38,5

**Web:** <http://cat.hansa-flex.com/en/TRWVBT>

**TR T VB T**

## Connector for Tecalan pipe



**Special features:** TÜV tested  
**Construction:** T shaped  
**Design:** Connector  
**Material:** Steel  
**Surface:** electro galvanised

Identification	$\varnothing d2$ mm	L1 mm	L2 mm
TR 06 T VB T	6	42,0	21,0
TR 08 T VB T	8	45,8	22,8
TR 10 T VB T	10	54,2	27,1
TR 12 T VB T	12	64,2	32,1
TR 15 T VB T	15	77,0	38,5

**Web:** <http://cat.hansa-flex.com/en/TRTVBT>

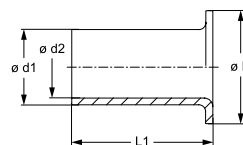
## TR EH

## Push-in sleeve

**Construction type:** for PA 11/12 plastic pipes

**Design:** Support bushes

**Material:** Brass



Identification	D mm	Ø d1 mm	Ø d2 mm	L1 mm	Identification	D mm	Ø d1 mm	Ø d2 mm	L1 mm
TR 04-1 EH	3,5	2,0	1,3	8	TR 12-1.5 EH	12,0	9,0	7,7	15
TR 06-1 EH	5,0	4,0	3,2	10	TR 12-2 EH	12,0	8,0	6,7	15
TR 06-1.5 EH	5,0	3,0	2,2	10	TR 15-1.5 EH	14,0	12,0	10,7	15
TR 08-1 EH	8,0	6,0	5,0	15	TR 15-2 EH	14,0	11,0	7,0	15
TR 08-1.5 EH	8,0	5,0	4,0	15	TR 18-1.5 EH	17,8	15,0		
TR 10-1 EH	10,0	8,0	6,7	15	TR 18-2 EH	17,8	14,0	12,7	18
TR 10-1.25 EH	10,0	7,5	6,5	10	TR 20-2 EH	17,8	16,0	14,7	18
TR 10-1.5 EH	10,0	7,0			TR 22-2 EH	21,8	18,0	16,7	20
TR 12-1 EH	12,0	10,0	8,7	15	TR 25-2.5 EH	21,8	20,0	18,7	20

**Web:** <http://cat.hansa-flex.com/en/TREH>

## JG 45 (UN/UNF)

## Screw-on connector

**Application:** Pneumatic, vacuum and food applications

**Connection 1:** UN/UNF inner thread

**Sealing form 1:** for screw-in pins with shapes A, B and if necessary E

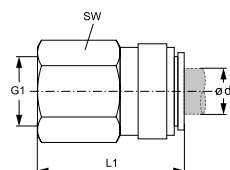
**Connection 2:** Plug in sleeve

**Design:** Screw-on connector

**Colour:** black

**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>

**Material:** Acetal copolymer body; nitrile O-ring



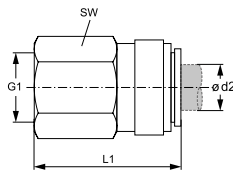
Identification	Ø d2 mm	G1	L1 mm	AF mm
JG 45 08 F4S	8	7/16"-20 UNF	34,0	16
JG 45 08 C5S	8	1/2"-20 UNF	36,5	20

**Web:** <http://cat.hansa-flex.com/en/JG45UNUNF>

**Accessories:**

JG 18 S - Locking ring for connectors

JG 19 E - Cap for connectors

**JG 45 (BSP)****Screw-on connector**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP cylindrical internal threads  
**Sealing form 1:** for screw-in pins with shapes A, B and if necessary E  
**Connection 2:** Plug in sleeve  
**Design:** Screw-on connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

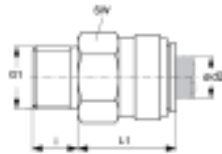
Identification	Ø d2 mm	G1	L1 mm	AF mm
JG 45 04 11 E	4	G 1/8" -28	28,0	14
JG 45 06 12 E	6	G 1/4" -19	32,0	17
JG 45 08 12 E	8	G 1/4" -19	32,5	17

**Web:** <http://cat.hansa-flex.com/en/JG45BSP>

**Accessories:**

**JG 19 E** - Cap for connectors

**JG 18 S** - Locking ring for connectors

**JG 01 (zyl.)****Screw-in connectors**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** encapsulated O-ring on screw-in socket  
**Connection 2:** Plug in sleeve  
**Construction:** straight  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

Identification	Ø d2 mm	G1	i mm	L1 mm	AF mm
JG 01 04 11 E	4	G 1/8" -28	5,5	17	14
JG 01 04 12 E	4	G 1/4" -19	8,0	16	17
JG 01 05 11 E	5	G 1/8" -28	5,5	17	14
JG 01 05 12 E	5	G 1/4" -19	8,0	16	17
JG 01 06 11 E	6	G 1/8" -28	5,5	20	15
JG 01 06 12 E	6	G 1/4" -19	8,0	16	17
JG 01 08 11 E	8	G 1/8" -28	5,5	20	17
JG 01 08 12 E	8	G 1/4" -19	8,0	16	17
JG 01 08 13 E	8	G 3/8" -19	9,5	16	22
JG 01 10 12 E	10	G 1/4" -19	8,0	23	20
JG 01 10 13 E	10	G 3/8" -19	9,5	19	22
JG 01 10 14 E	10	G 1/2" -14	12,5	18	27
JG 01 12 13 E	12	G 3/8" -19	9,5	21	24
JG 01 12 14 E	12	G 1/2" -14	12,5	22	27
JG 01 15 14 E	15	G 1/2" -14	12,5	26	27
JG 01 18 14 E	18	G 1/2" -14	12,5	46	30
JG 01 22 16 E	22	G 3/4" -14	15,0	46	32

**Web:** <http://cat.hansa-flex.com/en/JG01ZYL>

**Accessories:**

**JG 19 E** - Cap for connectors

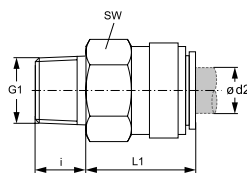
**JG 18 S** - Locking ring for connectors



## JG 01 (keg.)

## Screw-in connectors

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSPT conical external threads  
**Sealing form 1:** thread seal  
**Connection 2:** Plug in sleeve  
**Construction:** straight  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	G1	i mm	L1 mm	AF mm
JG 01 04 01 E	4	R 1/8" K	10	15	15
JG 01 04 02 E	4	R 1/4" K	11	14	17
JG 01 05 01 E	5	R 1/8" K	10	15	15
JG 01 05 02 E	5	R 1/4" K	11	14	17
JG 01 06 01 E	6	R 1/8" K	10	18	17
JG 01 06 02 E	6	R 1/4" K	11	14	17
JG 01 08 01 E	8	R 1/8" K	10	19	17
JG 01 08 02 E	8	R 1/4" K	11	14	17
JG 01 08 03 E	8	R 3/8" K	13	14	20
JG 01 10 02 E	10	R 1/4" K	11	21	20
JG 01 10 03 E	10	R 3/8" K	13	17	20
JG 01 10 04 E	10	R 1/2" K	16	15	22
JG 01 12 03 E	12	R 3/8" K	13	27	24
JG 01 12 04 E	12	R 1/2" K	16	22	24

**Web:** <http://cat.hansa-flex.com/en/JG01KEG>

**Accessories:**

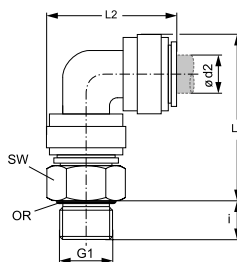
JG 19 E - Cap for connectors

JG 18 S - Locking ring for connectors

## JG 09 (zyl.)

## Screw-in connector, angle 90°

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** encapsulated O-ring on screw-in socket  
**Connection 2:** Plug in sleeve  
**Construction:** Angle 90°  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 09 04 11 E	4	G 1/8" -28	5,5	30,0	24,0	14
JG 09 04 12 E	4	G 1/4" -19	8,0	31,0	24,0	17
JG 09 05 11 E	5	G 1/8" -28	5,5	30,0	24,0	14
JG 09 05 12 E	5	G 1/4" -19	8,0	31,0	24,0	17
JG 09 06 11 E	6	G 1/8" -28	5,5	34,0	27,0	15
JG 09 06 12 E	6	G 1/4" -19	8,0	35,0	27,0	17
JG 09 08 11 E	8	G 1/8" -28	5,5	36,0	30,0	17
JG 09 08 12 E	8	G 1/4" -19	8,0	37,0	30,0	17
JG 09 08 13 E	8	G 3/8" -19	9,5	37,0	30,0	22
JG 09 10 12 E	10	G 1/4" -19	8,0	42,0	35,0	20
JG 09 10 13 E	10	G 3/8" -19	9,5	42,0	35,0	22
JG 09 10 14 E	10	G 1/2" -14	12,5	42,0	35,0	27
JG 09 12 13 E	12	G 3/8" -19	9,5	50,0	44,0	26
JG 09 12 14 E	12	G 1/2" -14	12,5	50,0	44,0	30
JG 09 15 13 E	15	G 3/8" -19	11,3	65,5	50,6	22

missing dimensions available on request



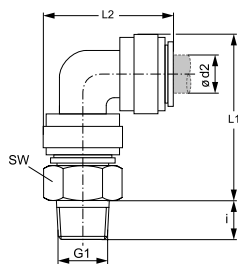
**JG 09 (zyl.)**

(Continued)

**Screw-in connector, angle 90°**

Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 09 15 14 E	15	G 1/2" -14	14,5	65,5	50,6	27
JG 09 18 14 E	18	G 1/2" -14	14,5	77,0	59,7	27
JG 09 22 14 E	22	G 1/2" -14	14,5	82,0	66,0	27
JG 09 22 16 E	22	G 3/4" -14	17,0	83,6	66,0	37

missing dimensions available on request

**Web:** <http://cat.hansa-flex.com/en/JG09ZYL>**Accessories:****JG 18 S** - Locking ring for connectors**JG 19 E** - Cap for connectors**JG 09 (keg.)****Screw-in connector, angle 90°**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSPT conical external threads  
**Sealing form 1:** thread seal  
**Connection 2:** Plug in sleeve  
**Construction:** Angle 90°  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

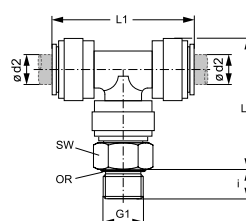
Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 09 04 01 E	4	R 1/8" K	10	29	24	15
JG 09 04 02 E	4	R 1/4" K	11	29	24	17
JG 09 05 01 E	5	R 1/8" K	10	29	24	15
JG 09 05 02 E	5	R 1/4" K	11	29	24	17
JG 09 06 01 E	6	R 1/8" K	10	32	27	17
JG 09 06 02 E	6	R 1/4" K	11	32	27	17
JG 09 08 01 E	8	R 1/8" K	10	35	30	17
JG 09 08 02 E	8	R 1/4" K	11	35	30	17
JG 09 08 03 E	8	R 3/8" K	13	35	30	20
JG 09 10 02 E	10	R 1/4" K	11	40	35	20
JG 09 10 03 E	10	R 3/8" K	13	40	35	20
JG 09 10 04 E	10	R 1/2" K	16	40	35	22
JG 09 12 03 E	12	R 3/8" K	13	49	44	24
JG 09 12 04 E	12	R 1/2" K	16	49	44	24

**Web:** <http://cat.hansa-flex.com/en/JG09KEG>**Accessories:****JG 18 S** - Locking ring for connectors**JG 19 E** - Cap for connectors

## JG 10 (zyl.)

## Screw-in connector, T shaped

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** encapsulated O-ring on screw-in socket  
**Connection 2 + 3:** Plug in sleeve  
**Construction:** T shaped  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 10 04 11 E	4	G 1/8" -28	5,5	35	30	14
JG 10 04 12 E	4	G 1/4" -19	8,0	35	31	17
JG 10 05 11 E	5	G 1/8" -28	5,5	35	30	14
JG 10 05 12 E	5	G 1/4" -19	8,0	35	31	17
JG 10 06 11 E	6	G 1/8" -28	5,5	40	33	15
JG 10 06 12 E	6	G 1/4" -19	8,0	40	34	17
JG 10 08 11 E	8	G 1/8" -28	5,5	42	36	17
JG 10 08 12 E	8	G 1/4" -19	8,0	42	37	17
JG 10 08 13 E	8	G 3/8" -19	9,5	42	37	22
JG 10 10 12 E	10	G 1/4" -19	8,0	50	42	20
JG 10 10 13 E	10	G 3/8" -19	9,5	50	42	22
JG 10 10 14 E	10	G 1/2" -14	12,5	40	42	27
JG 10 12 13 E	12	G 3/8" -19	9,5	65	50	24
JG 10 12 14 E	12	G 1/2" -14	12,5	65	50	27

**Web:** <http://cat.hansa-flex.com/en/JG10ZYL>

**Accessories:**

JG 19 E - Cap for connectors

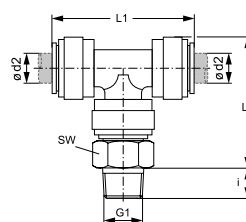
JG 08 - Sealing plugs

JG 18 S - Locking ring for connectors

## JG 10 (keg.)

## Screw-in connector, T shaped

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSPT conical external threads  
**Sealing form 1:** thread seal  
**Connection 2 + 3:** Plug in sleeve  
**Construction:** T shaped  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 10 04 01 E	4	R 1/8" K	10	35	29	15
JG 10 04 02 E	4	R 1/4" K	11	35	29	17
JG 10 05 01 E	5	R 1/8" K	10	35	29	15
JG 10 05 02 E	5	R 1/4" K	11	35	29	17
JG 10 06 01 E	6	R 1/8" K	10	40	32	17
JG 10 06 02 E	6	R 1/4" K	11	40	32	17
JG 10 08 01 E	8	R 1/8" K	10	42	35	17
JG 10 08 02 E	8	R 1/4" K	11	42	35	17
JG 10 08 03 E	8	R 3/8" K	13	42	35	20
JG 10 10 02 E	10	R 1/4" K	11	50	40	20
JG 10 10 03 E	10	R 3/8" K	13	50	40	20
JG 10 10 04 E	10	R 1/2" K	16	50	40	22

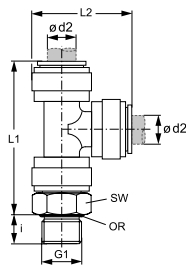


**JG 10 (keg.)**

(Continued)

**Screw-in connector, T shaped**

Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 10 12 03 E	12	R 3/8" K	13	65	49	24
JG 10 12 04 E	12	R 1/2" K	16	65	49	24

**Web:** <http://cat.hansa-flex.com/en/JG10KEG>**Accessories:****JG 19 E** - Cap for connectors**JG 08** - Sealing plugs**JG 18 S** - Locking ring for connectors**JG 11 (zyl.)****Screw-in connector, L shaped**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** encapsulated O-ring on screw-in socket  
**Connection 2 + 3:** Plug in sleeve  
**Construction:** L shaped  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

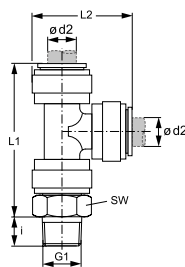
Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 11 04 11 E	4	G 1/8" -28	5,5	42	24	14
JG 11 04 12 E	4	G 1/4" -19	8,0	42	24	17
JG 11 05 11 E	5	G 1/8" -28	5,5	42	24	14
JG 11 05 12 E	5	G 1/4" -19	8,0	42	24	17
JG 11 06 11 E	6	G 1/8" -28	5,5	46	27	27
JG 11 06 12 E	6	G 1/4" -19	8,0	46	27	17
JG 11 08 11 E	8	G 1/8" -28	5,5	49	30	17
JG 11 08 12 E	8	G 1/4" -19	8,0	49	30	17
JG 11 08 13 E	8	G 3/8" -19	9,5	49	30	22
JG 11 10 12 E	10	G 1/4" -19	8,0	57	35	20
JG 11 10 13 E	10	G 3/8" -19	9,5	57	35	22
JG 11 10 14 E	10	G 1/2" -14	12,5	57	35	27
JG 11 12 13 E	12	G 3/8" -19	9,5	71	44	24
JG 11 12 14 E	12	G 1/2" -14	12,5	71	44	27

**Web:** <http://cat.hansa-flex.com/en/JG11ZYL>**Accessories:****JG 19 E** - Cap for connectors**JG 18 S** - Locking ring for connectors**JG 08** - Sealing plugs

## JG 11 (keg.)

## Screw-in connector, L shaped

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSPT conical external threads  
**Sealing form 1:** thread seal  
**Connection 2 + 3:** Plug in sleeve  
**Construction:** L shaped  
**Design:** Screw-in connectors  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	G1	i mm	L1 mm	L2 mm	AF mm
JG 11 04 01 E	4	R 1/8" K	10	40	24	15
JG 11 04 02 E	4	R 1/4" K	11	40	24	17
JG 11 05 01 E	5	R 1/8" K	10	40	24	15
JG 11 05 02 E	5	R 1/4" K	11	40	24	17
JG 11 06 01 E	6	R 1/8" K	10	44	27	17
JG 11 06 02 E	6	R 1/4" K	11	44	27	17
JG 11 08 01 E	8	R 1/8" K	10	50	30	17
JG 11 08 02 E	8	R 1/4" K	11	50	30	17
JG 11 08 03 E	8	R 3/8" K	13	50	30	20
JG 11 10 02 E	10	R 1/4" K	11	55	35	20
JG 11 10 03 E	10	R 3/8" K	13	55	35	20
JG 11 10 04 E	10	R 1/2" K	16	55	35	22
JG 11 12 03 E	12	R 3/8" K	13	70	44	24
JG 11 12 04 E	12	R 1/2" K	16	70	44	24

**Web:** <http://cat.hansa-flex.com/en/JG11KEG>

**Accessories:**

JG 08 - Sealing plugs

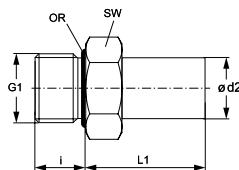
JG 19 E - Cap for connectors

JG 18 S - Locking ring for connectors

## JG 05 (zyl.)

## Screw-in sockets

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** encapsulated O-ring on screw-in socket  
**Connection 2:** Pipe sockets  
**Construction:** straight  
**Design:** Screw-in sockets  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



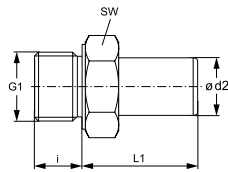
Identification	Ø d2 mm	G1	i mm	L1 mm	AF mm
JG 05 04 11 E	4	G 1/8" -28	5,5	20	14
JG 05 04 12 E	4	G 1/4" -19	8,0	21	17
JG 05 05 11 E	5	G 1/8" -28	5,5	20	14
JG 05 05 12 E	5	G 1/4" -19	8,0	21	17
JG 05 06 11 E	6	G 1/8" -28	5,5	22	15
JG 05 06 12 E	6	G 1/4" -19	8,0	22	17
JG 05 08 11 E	8	G 1/8" -28	5,5	23	17
JG 05 08 12 E	8	G 1/4" -19	8,0	23	17
JG 05 08 13 E	8	G 3/8" -19	9,5	23	22
JG 05 10 12 E	10	G 1/4" -19	8,0	26	20
JG 05 10 13 E	10	G 3/8" -19	9,5	26	22
JG 05 10 14 E	10	G 1/2" -14	12,5	26	27
JG 05 12 13 E	12	G 3/8" -19	9,5	31	24
JG 05 12 14 E	12	G 1/2" -14	12,5	31	27
JG 05 15 13 E	15	G 3/8" -19	11,5	43	22
JG 05 15 14 E	15	G 1/2" -14	14,5	43	27

**JG 05 (zyl.)**

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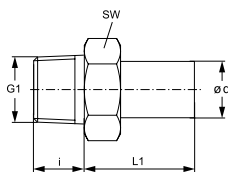
**Screw-in sockets**

Identification	Ø d2 mm	G1	i mm	L1 mm	AF mm
JG 05 18 14 E	18	G 1/2" -14	14,5	50	27
JG 05 22 14 E	22	G 1/2" -14	14,5	60	27
JG 05 22 16 E	22	G 3/4" -14	17,0	52	37

**Web:** <http://cat.hansa-flex.com/en/JG05ZYL>**Product versions:****JG 05 N** - Screw-in sockets, Brass**JG 05 N****Screw-in sockets**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP external thread, cylindrical  
**Sealing form 1:** without thread seal  
**Connection 2:** Pipe sockets  
**Construction:** straight  
**Design:** Screw-in sockets  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Brass

Identification	Ø d2 mm	G1	i mm	L1 mm	AF mm
JG 05 28 18 N	28	G 1" -11	14	65	36

**Web:** <http://cat.hansa-flex.com/en/JG05N>**JG 05 (keg.)****Screw-in sockets**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSPT conical external threads  
**Sealing form 1:** thread seal  
**Connection 2:** Pipe sockets  
**Construction:** straight  
**Design:** Screw-in sockets  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

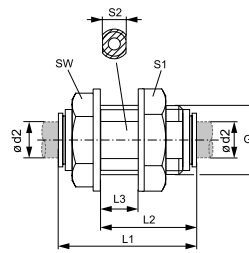
Identification	Ø d2 mm	G1	i mm	L1 mm	AF mm
JG 05 04 01 E	4	R 1/8" K	10	19	15
JG 05 04 02 E	4	R 1/4" K	11	19	17
JG 05 05 01 E	5	R 1/8" K	10	19	15
JG 05 05 02 E	5	R 1/4" K	11	19	17
JG 05 06 01 E	6	R 1/8" K	10	20	17
JG 05 06 02 E	6	R 1/4" K	11	20	17
JG 05 08 01 E	8	R 1/8" K	10	21	17
JG 05 08 02 E	8	R 1/4" K	11	21	17
JG 05 08 03 E	8	R 3/8" K	13	21	20
JG 05 10 02 E	10	R 1/4" K	11	24	20
JG 05 10 03 E	10	R 3/8" K	13	24	20
JG 05 10 04 E	10	R 1/2" K	16	24	22
JG 05 12 03 E	12	R 3/8" K	13	29	24
JG 05 12 04 E	12	R 1/2" K	16	29	24

**Web:** <http://cat.hansa-flex.com/en/JG05KEG>

## JG 12

## Bulkhead connectors

**Application:** Pneumatic, vacuum and food applications  
**Connection 1 + 2:** Plug in sleeve  
**Construction:** straight  
**Design:** Bulkhead connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	G1	L1 mm	L2 mm	L3 mm	S1	S2	AF mm
JG 12 04 E	4	G 3/8" -19	35	25	13,5	20	15	19
JG 12 05 E	5	G 3/8" -19	35	25	13,5	20	15	19
JG 12 06 E	6	G 3/8" -19	34	25	13,5	20	15	19
JG 12 08 E	8	G 1/2" -14	40	29	16,0	25	20	22
JG 12 10 E	10	G 1/2" -14	41	29	16,0	25	20	22
JG 12 12 E	12	G 3/4" -14	52	38	22,5	32	24	28

**Web:** <http://cat.hansa-flex.com/en/JG12>

**Accessories:**

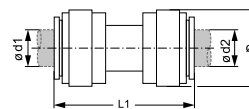
JG 18 S - Locking ring for connectors

JG 19 E - Cap for connectors

## JG 04 / JG 20

## Connector

**Application:** Pneumatic, vacuum and food applications  
**Connection 1 + 2:** Plug in sleeve  
**Construction:** straight  
**Design:** Connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



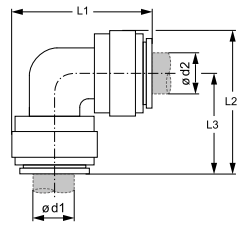
Identification	Ø d1 mm	Ø d2 mm	Ø B mm	L1 mm	Identification	Ø d1 mm	Ø d2 mm	Ø B mm	L1 mm
JG 04 04 E	4	4	14	32	JG 20 10 08 E	10	8	20	42
JG 04 05 E	5	5	14	32	JG 04 10 E	10	10	20	42
JG 20 06 04 E	6	4	15	35	JG 20 12 08 E	12	8	23	53
JG 04 06 E	6	6	15	35	JG 20 12 10 E	12	10	24	54
JG 20 08 04 E	8	4	18	42	JG 04 12 E	12	12	23	51
JG 20 08 06 E	8	6	18	42	JG 04 15 E	15	15	28	62
JG 04 08 E	8	8	18	42	JG 04 18 E	18	18	32	65
JG 20 10 04 E	10	4	20	42	JG 04 22 E	22	22	36	71
JG 20 10 06 E	10	6	20	42	JG 04 28 E	28	28	50	91

**Web:** <http://cat.hansa-flex.com/en/JG04JG20>

**Accessories:**

JG 18 S - Locking ring for connectors

JG 19 E - Cap for connectors

**JG 03 / JG 21****Connector, angle 90°**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1 + 2:** Plug in sleeve  
**Construction:** Angle 90°  
**Design:** Connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

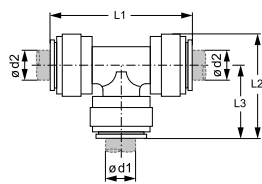
Identification	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG 03 04 E	4	4	24	24	18
JG 03 05 E	5	5	24	24	18
JG 21 06 04 E	6	4	27	27	20
JG 03 06 E	6	6	27	27	20
JG 21 08 04 E	8	4	30	29	21
JG 21 08 06 E	8	6	30	29	21
JG 03 08 E	8	8	30	30	21
JG 21 10 04 E	10	4	35	34	25
JG 21 10 06 E	10	6	35	34	25
JG 21 10 08 E	10	8	35	35	25
JG 03 10 E	10	10	35	35	25
JG 21 12 08 E	12	8	43	41	33
JG 21 12 10 E	12	10	45	43	33
JG 03 12 E	12	12	44	44	32
JG 03 15 E	15	15	50	50	37
JG 03 18 E	18	18	60	60	44
JG 03 22 E	22	22	67	67	49
JG 03 28 E	28	28	85	85	44

**Web:** <http://cat.hansa-flex.com/en/JG03JG21>

**Accessories:**

**JG 18 S** - Locking ring for connectors

**JG 19 E** - Cap for connectors

**JG 02 / JG 30****Connector, T shaped**

**Application:** Pneumatic, vacuum and food applications  
**Connection 1 - 3:** Plug in sleeve  
**Construction:** T shaped  
**Design:** Connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

Identification	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG 02 04 E	4	4	35	24	18
JG 02 05 E	5	5	35	24	18
JG 02 06 E	6	6	40	27	20
JG 02 08 E	8	8	42	30	21
JG 02 10 E	10	10	50	35	25
JG 02 12 E	12	12	65	44	32
JG 02 15 E	15	15	73	50	37
JG 30 18 AE	18	15	87	56	40
JG 02 18 E	18	18	89	61	44
JG 30 22 AE	15	22	90	60	42





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JG 02 / JG 30

## Connector, T shaped

Identification	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG 02 22 E	22	22	98	67	49
JG 02 28 E	28	28	121	85	60

**Web:** <http://cat.hansa-flex.com/en/JG02JG30>

**Accessories:**

JG 19 E - Cap for connectors

JG 18 S - Locking ring for connectors

JG 08 - Sealing plugs

JG 23

## Connector, Y shaped

**Application:** Pneumatic, vacuum and food applications

**Connection 1 - 3:** Plug in sleeve

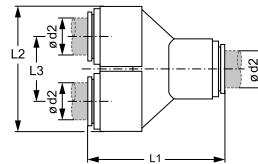
**Construction:** Y shaped

**Design:** Connector

**Colour:** black

**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>

**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG 23 04 E	4	37,0	28,5	15,0
JG 23 06 E	6	35,5	26,8	12,9
JG 23 08 E	8	50,0	41,0	21,6
JG 23 12 E	12	55,5	44,2	21,9

**Web:** <http://cat.hansa-flex.com/en/JG23>

**Accessories:**

JG 19 E - Cap for connectors

JG 18 S - Locking ring for connectors

JG 08 - Sealing plugs

JG UB

## Return bend with connector

For pipe reversal with plastic pipes.

**Application:** Pneumatic, vacuum and food applications

**Connection 1 + 2:** Plug in sleeve

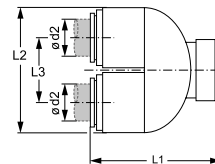
**Construction:** U shaped

**Design:** Return bends

**Colour:** black

**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>

**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG UB 15 E	15	54,5	48	26

**Web:** <http://cat.hansa-flex.com/en/JGUB>

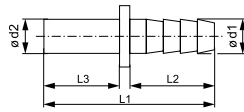
**Accessories:**

JG 18 S - Locking ring for connectors

JG 19 E - Cap for connectors

**JG 25**

## Tube to hose connector



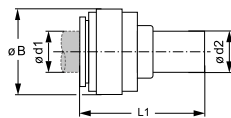
**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** Hose connection  
**Connection 2:** Pipe sockets  
**Construction:** straight  
**Design:** Tube to hose connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

Identification	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG 25 06 04 E	6,1	6	42,0	20,8	18,0
JG 25 08 06 E	6,9	8	43,1	20,8	19,0
JG 25 10 08 E	10,0	10	50,0	24,8	22,2

**Web:** <http://cat.hansa-flex.com/en/JG25>

**JG 06 / JG 13**

## Reducing connecting socket



**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** Plug in sleeve  
**Connection 2:** Pipe sockets  
**Construction:** straight  
**Design:** Reducing connecting socket  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

Identification	Ø d1 mm	Ø d2 mm	Ø B mm	L1 mm	Identification	Ø d1 mm	Ø d2 mm	Ø B mm	L1 mm
JG 06 05 04 E	4	5	13	35	JG 06 12 08 E	8	12	18	46
JG 06 06 04 E	4	6	13	36	JG 06 12 10 E	10	12	20	50
JG 06 08 04 E	4	8	13	37	JG 06 15 10 E	10	15	20	56
JG 13 04 05 E	5	4	13	34	JG 06 15 12 E	12	15	23	61
JG 06 06 05 E	5	6	13	36	JG 06 18 15 E	15	18	27	72
JG 06 08 05 E	5	8	13	37	JG 06 22 15 E	15	22	32	72
JG 06 08 06 E	6	8	15	37	JG 06 22 18 E	18	22	32	72
JG 06 10 06 E	6	10	15	40	JG 06 28 22 E	22	28	36	82
JG 06 10 08 E	8	10	18	40					

**Web:** <http://cat.hansa-flex.com/en/JG06JG13>

**Accessories:**

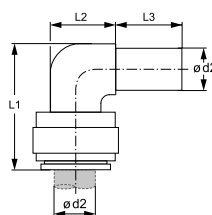
**JG 18 S** - Locking ring for connectors

**JG 19 E** - Cap for connectors

## JG 22

## Connector, angle 90°

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** Plug in sleeve  
**Connection 2:** Pipe sockets  
**Construction:** Angle 90°  
**Design:** Plug in connector  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring



Identification	Ø d2 mm	L1 mm	L2 mm	L3 mm
JG 22 04 04 E	4	22	9	17
JG 22 05 05 E	5	22	9	17
JG 22 06 06 E	6	25	11	18
JG 22 08 08 E	8	27	13	19
JG 22 10 10 E	10	33	15	24
JG 22 12 12 E	12	39	18	28
JG 22 15 15 E	15	51	19	34
JG 22 18 18 E	18	53	25	32
JG 22 22 22 E	22	59	25	36

**Web:** <http://cat.hansa-flex.com/en/JG22>

**Accessories:**

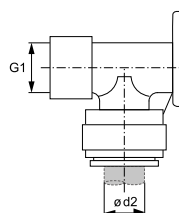
JG 19 E - Cap for connectors

JG 18 S - Locking ring for connectors

## JG 15 WB / JG 22 WB

## Angle 90° to wall mounting

**Application:** Pneumatic, vacuum and food applications  
**Connection 1:** BSP cylindrical internal threads  
**Sealing form 1:** for screw-in pins with shapes A, B and if necessary E  
**Connection 2:** Plug in sleeve  
**Construction:** Angle 90°  
**Design:** Angle connector with wall connecting plate  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Brass



Identification	Ø d2 mm	G1
JG 15 WB	15	G 1/2" -14
JG 22 WB	22	G 3/4" -14

**Web:** <http://cat.hansa-flex.com/en/JG15WB/JG22WB>

**Accessories:**

JG 18 S - Locking ring for connectors

JG 19 E - Cap for connectors

**JG LWSK****Air distributor socket for connectors**

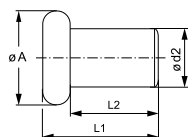
Air distributor with 4 mounting holes and 5 internal thread connections (1/2") for screwing on adapters.

**Application:** Pneumatic, vacuum and food applications  
**Included in scope of supply:** 3 self sealing plastic screws  
**Colour:** black  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer body; nitrile O-ring

Identification	for external pipe Ø mm	G1
JG LWSK 1/2	12/15/18/22	G 1/2" -14

G1 - G5 = Threads for connections 1-5

**Web:** <http://cat.hansa-flex.com/en/JGLWSK>

**JG 08****Sealing plugs**

**Design:** Sealing plugs for connectors  
**Media:** Air, fluid media, inert gases, e.g., N<sub>2</sub>/CO<sub>2</sub>  
**Material:** Acetal copolymer

Identification	Ø d2 mm	Ø A mm	L1 mm	L2 mm	Colour
JG 08 04 R	4	12,7	28,7	25,4	red
JG 08 05 R	5	12,7	29,2	25,9	red
JG 08 06 R	6	15,2	30,0	26,2	red
JG 08 08 R	8	17,8	31,0	26,9	red
JG 08 10 R	10	19,6	35,8	31,2	red
JG 08 12 R	12	21,6	38,6	33,9	red
JG 08 15 E	15	24,9	45,0	40,0	black
JG 08 18 E	18	28,2	45,0	40,0	black
JG 08 22 E	22	32,0	45,0	40,3	black

**Web:** <http://cat.hansa-flex.com/en/JG08>

**JG 18 S****Locking ring for connectors**

The locking mechanism prevents the retaining element from being released inadvertently.

**Colour:** black  
**Material:** Acetal copolymer



Identification	for external pipe Ø
	mm
JG 18 15 S	15
JG 18 18 S	18

**Web:** <http://cat.hansa-flex.com/en/JG18S>

**JG 19 E****Cap for connectors**

The locking mechanism prevents the retaining element from being released inadvertently.

**Colour:** black  
**Material:** Acetal copolymer



Identification	for external pipe Ø
	mm
JG 19 04 E	4
JG 19 05 E	5
JG 19 06 E	6
JG 19 08 E	8
JG 19 10 E	10
JG 19 12 E	12
JG 19 15 E	15
JG 19 18 E	18
JG 19 22 E	22

**Web:** <http://cat.hansa-flex.com/en/JG19E>

**JG 26 S**

## Angle terminal strip for connectors



Angle guide for plastic pipes with 2 mounting holes

**Construction:** Angle 90°  
**Colour:** black  
**Material:** Acetal copolymer

Identification	for external pipe Ø
	mm
JG 26 08 S	8
JG 26 10 S	10

**Web:** <http://cat.hansa-flex.com/en/JG26S>

**JG RK**

## Pipe clamp for plastic pipe



For installation of plastic pipes. Mounted using two-step drilling.

**Colour:** white  
**Material:** Plastic

Identification	for external pipe Ø
	mm
JG RK 06	6
JG RK 08	8
JG RK 10	10
JG RK 12	12
JG RK 15	15
JG RK 18	18
JG RK 22	22
JG RK 28	28

**Web:** <http://cat.hansa-flex.com/en/JGRK>

**TUE M**

## Threaded nozzle



**Connection 1:** BSP nut thread  
**Sealing form 1:** 60° outer cone  
**Connection 2:** Hose connection  
**Material:** Brass

Identification	Connecting thread	for hose ID	AF	Operating pressure
		mm	mm	
TUE 18 6 M	G 1/8" -28	6	12	PN 16
TUE 14 6 M	G 1/4" -19	6	17	PN 16
TUE 14 9 M	G 1/4" -19	9	17	PN 16
TUE 38 6 M	G 3/8" -19	6	19	PN 16

AF = Width across flats



(Continued)

TUE M

## Threaded nozzle

Identification	Connecting thread	for hose ID mm	AF mm	Operating pressure
TUE 38 9 M	G 3/8" -19	9	19	PN 16
TUE 12 9 M	G 1/2" -14	9	24	PN 16
TUE 12 13 M	G 1/2" -14	13	24	PN 16

AF = Width across flats

Web: <http://cat.hansa-flex.com/en/TUEM>

TUE M SB

## Threaded nozzle

rotating nozzle contour enables perfect hose seating maximum hole size for greatest possible flow rate

**Application:** Systems engineering, Industry and construction**Connection 1:** BSP cylindrical internal threads**Connection 2:** Hose connection**Media:** Compressed air**Material:** Steel**Surface:** electro galvanised**Note:** To be integrated with DIN 20039 B hose clamps.

Identification	Connecting thread	for hose ID mm	Ø ID mm	Length mm	Thread length mm	Nozzle length mm	Ø Safety collar mm	AF mm	Operating pressure
TUE 34 19 M SB	G 3/4" -14	19	15,00	71	19	40	32	32	PN 25
TUE 1 19 M SB	G 1" -11	19	15,00	73	20	40	32	41	PN 25
TUE 1 25 M SB	G 1" -11	25	20,00	75	20	41	36	41	PN 25
TUE 114 25 M SB	G 1.1/4" -11	25	20,00	80	23	41	36	50	PN 25
TUE 114 32 M SB	G 1.1/4" -11	32	25,00	86	23	48	45	50	PN 25

AF = Width across flats Ø ID = Through hole

Web: <http://cat.hansa-flex.com/en/TUEMSB>

T M MG

## Threaded nozzle

**Connection 1:** BSP external thread, cylindrical**Connection 2:** Hose connection**Material:** Brass

Identification	Connecting thread	for hose ID mm	AF mm	Operating pressure	Identification	Connecting thread	for hose ID mm	AF mm	Operating pressure
T 184 M	G 1/8" -28	4	14	PN 16	T 126 M	G 1/2" -14	6	24	PN 16
T 186 M	G 1/8" -28	6	14	PN 16	T 129 M	G 1/2" -14	9	24	PN 16
T 189 M	G 1/8" -28	9	14	PN 16	T 1213 M	G 1/2" -14	13	24	PN 16
T 144 M	G 1/4" -19	4	17	PN 16	T 1219 M	G 1/2" -14	19	24	PN 16
T 146 M	G 1/4" -19	6	17	PN 16	T 349 M	G 3/4" -14	9	27	PN 16
T 149 M	G 1/4" -19	9	17	PN 16	T 3413 M	G 3/4" -14	13	32	PN 16
T 1413 M	G 1/4" -19	13	17	PN 16	T 3419 M	G 3/4" -14	19	32	PN 16
T 386 M	G 3/8" -19	6	19	PN 16	T 1019 M	G 1" -11	19	26	PN 16
T 389 M	G 3/8" -19	9	19	PN 16	T 1025 M	G 1" -11	25	38	PN 16
T 3813 M	G 3/8" -19	13	19	PN 16					

AF = Width across flats

AF = Width across flats

Web: <http://cat.hansa-flex.com/en/TMMG>

**T M SB****Threaded nozzle**

rotating nozzle contour enables perfect hose seating maximum hole size for greatest possible flow rate

**Application:** Systems engineering, Industry and construction  
**Connection 1:** BSP external thread, cylindrical  
**Connection 2:** Hose connection  
**Media:** Compressed air  
**Material:** Steel  
**Surface:** electro galvanised

**Note:** To be integrated with DIN 20039 B hose clamps.

Identification	Connecting thread	for hose ID mm	Ø ID mm	Length mm	Thread length mm	Nozzle length mm	Ø Safety collar mm	AF mm	Operating pressure
T 12 13 M SB	G 1/2" -14	13	10,00	73	15	40	22	22	PN 25
T 34 19 M SB	G 3/4" -14	19	15,00	72	15	40	32	32	PN 25
T 1 19 M SB	G 1" -11	19	15,00	74	17	40	32	36	PN 25
T 1 25 M SB	G 1" -11	25	20,00	80	17	41	36	36	PN 25
T 114 25 M SB	G 1.1/4" -11	25	20,00	90	18	48	39	46	PN 25
T 114 32 M SB	G 1.1/4" -11	32	25,00	92	20	48	45	46	PN 25
T 112 38 M SB	G 1.1/2" -11	38	33,00	100	22	51	53	55	PN 25
T 2 50 M SB	G 2" -11	50	42,00	125	25	72	64	65	PN 25
T 2 53 M SB	G 2" -11	53	44,00	125	25	72	74	75	PN 25
T 3 75 M SB	G 3" -11	75	68,00	185	30	120	95	90	PN 25

AF = Width across flats Ø ID = Through hole

**Web:** <http://cat.hansa-flex.com/en/TMSB>

**TRD****Threaded nozzle**

fits conical nozzle threaded connections rotating nozzle contour enables perfect hose seating

**Application:** in construction, mining and tunnel building  
**Connection 1:** round external thread  
**Connection 2:** Hose connection  
**Media:** Compressed air, water  
**Material:** Steel  
**Surface:** electro galvanised

**Note:** To be integrated with DIN 20,039 A hose clamps.

Identification	for hose ID mm	G1	Ø ID mm	Length mm	Nozzle length mm	AF mm	Cone	Operating pressure
TRD 32-13 MM	13	Rd 32 x 1/8"	10,00	75	41	32	1:3	PN 25
TRD 32-16 MM	16	Rd 32 x 1/8"	12,00	75	41	32	1:3	PN 25
TRD 32-19 MM	19	Rd 32 x 1/8"	15,00	75	41	32	1:3	PN 25
TRD 32-25 MM	25	Rd 32 x 1/8"	20,00	75	41	32	1:3	PN 25

AF = Width across flats Ø ID = Through hole

**Web:** <http://cat.hansa-flex.com/en/TRD>



## KT UEM

## Conical nozzle with union nut

<b>Application:</b>	in construction, mining and tunnel building
<b>Connection 1:</b>	BSP nut thread
<b>Sealing form 1:</b>	Outer cone
<b>Connection 2:</b>	Hose connection
<b>Standard:</b>	DIN 8537 / 20 033
<b>Included in scope of supply:</b>	Union nut and conical nozzle
<b>Temp. min.:</b>	-40 °C
<b>Temp. max.:</b>	95 °C
<b>Media:</b>	Compressed air, water
<b>Material:</b>	Steel, Malleable cast iron
<b>Surface:</b>	electro galvanised



**Note:** To be integrated with DIN 20039 B hose clamps. Conical nozzles 1:3 cone generally with additional O-ring seal.

Identification	for hose ID mm	G1	Ø ID mm	Length mm	b mm	Cone	Ø Safety collar mm	Operating pressure
KT UEM 3/4-10 MM	10	G 3/4" -14	8,00	70	58	1:4	21	PN 25
KT UEM 3/4-13 MM	13	G 3/4" -14	10,00	79	58	1:4	21	PN 25
KT UEM 3/4-15 MM	15	G 3/4" -14	12,00	79	58	1:4	26	PN 25
KT UEM 3/4-19 MM	19	G 3/4" -14	13,00	80	58	1:4	33	PN 25
KT UEM 1-10 MM	10	G 1" -11	7,50	83	65	1:3	21	PN 25
KT UEM 1-13 MM	13	G 1" -11	10,00	85	65	1:3	22	PN 25
KT UEM 1-15 MM	15	G 1" -11	12,00	85	65	1:3	26	PN 25
KT UEM 1-19 MM	19	G 1" -11	15,00	85	65	1:3	33	PN 25
KT UEM 1-25 MM	25	G 1" -11	16,00	90	65	1:3	38	PN 25

G1 = Thread of connection 1 Ø ID = Through hole

**Web:** <http://cat.hansa-flex.com/en/KTUEM>

**Spare parts:**

**UEM KT** - Union nut for conical nozzles

## KT UEM RD

## Conical nozzle with union nut

<b>Application:</b>	in construction, mining and tunnel building
<b>Connection 1:</b>	Rund nut thread
<b>Connection 2:</b>	Hose connection
<b>Standard:</b>	DIN 8537 / 20 033
<b>Included in scope of supply:</b>	Union nut and conical nozzle
<b>Temp. min.:</b>	-40 °C
<b>Temp. max.:</b>	95 °C
<b>Media:</b>	Compressed air, water
<b>Material:</b>	Steel, Malleable cast iron
<b>Surface:</b>	electro galvanised



**Note:** To be integrated with DIN 20039 B hose clamps. Conical nozzles 1:3 cone generally with additional O-ring seal.

Identification	for hose ID mm	G1	Ø ID mm	Length mm	b mm	Cone	Ø Safety collar mm	Operating pressure
KT UEM RD32-10 MM	10	Rd 32 x 1/8"	7,50	90	65	1:3	21	PN 25
KT UEM RD32-13 MM	13	Rd 32 x 1/8"	10,00	83	65	1:3	22	PN 25
KT UEM RD32-15 MM	15	Rd 32 x 1/8"	12,00	85	65	1:3	26	PN 25
KT UEM RD32-19 MM	19	Rd 32 x 1/8"	15,00	85	65	1:3	33	PN 25
KT UEM RD32-25 MM	25	Rd 32 x 1/8"	16,00	90	65	1:3	38	PN 25
KT UEM RD38-25 MM	25	Rd 38 x 1/8"	19,00	98	76	1:3	38	PN 25
KT UEM RD46-32 MM	32	Rd 46 x 1/6"	25,00	124	86	1:3	50	PN 25
KT UEM RD55-35 MM	35	Rd 55 x 1/6"	30,00	131	95	1:3	55	PN 25
KT UEM RD55-38 MM	38	Rd 55 x 1/6"	31,00	131	95	1:3	55	PN 25
KT UEM RD62-42 MM	42	Rd 62 x 1/6"	35,00	139	105	1:3	63	PN 25
KT UEM RD75-50 MM	50	Rd 75 x 1/6"	45,00	149	137	1:3	77	PN 25
KT UEM RD75-53 MM	53	Rd 75 x 1/6"	45,00	149	137	1:3	77	PN 25
KT UEM RD105-75 MM	75	Rd 105 x 1/4"	67,00	206	158	1:3	110	PN 25

G1 = Thread of connection 1 Ø ID = Through hole

**Web:** <http://cat.hansa-flex.com/en/KTUEMRD>

**Spare parts:**

**UEM KT RD** - Union nut for conical nozzles

**KT MM****Conical nozzle**

**Application:** in construction, mining and tunnel building  
**Connection 1:** Sealing cone  
**Sealing form 1:** Outer cone  
**Connection 2:** Hose connection  
**Standard:** DIN 8537 / 20 033  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Media:** Compressed air, water  
**Material:** Steel  
**Surface:** electro galvanised

**Note:** The conical nozzles are without a safety collar KT19MM-PH for hydraulic pressing with press sleeve. Conical nozzles 1:3 cone generally with additional O-ring seal.

Identification	for hose ID mm	Length mm	b mm	Cone	Operating pressure
KT 10 MM	10	78	28	1:3	PN 25
KT 10 MM-2	10	70	24	1:4	PN 25
KT 13 MM	13	80	28	1:3	PN 25
KT 13 MM-2	13	79	24	1:4	PN 25
KT 15 MM	15	80	28	1:3	PN 25
KT 15 MM-2	15	79	24	1:4	PN 25
KT 19 MM	19	80	28	1:3	PN 25
KT 19 MM-2	19	80	24	1:4	PN 25
KT 19 MM-PH	19	80	28	1:3	PN 25
KT 25 MM	25	90	33	1:3	PN 25
KT 25 MM-2	25	85	30	1:3	PN 25
KT 25 MM-3	25	85	29	1:3	PN 25
KT 32 MM	32	120	40	1:3	PN 25
KT 35 MM	35	125	35	1:3	PN 25
KT 38 MM	38	125	48	1:3	PN 25
KT 42 MM	42	130	57	1:3	PN 25
KT 50 MM	50	140	68	1:3	PN 25
KT 53 MM	53	140	68	1:3	PN 25
KT 75 MM	75	189	98	1:3	PN 25

**Web:** <http://cat.hansa-flex.com/en/KTMM>

**Accessories:**

**UEM KT** - Union nut for conical nozzles

**UEM KT RD** - Union nut for conical nozzles

**UEM KT****Union nut for conical nozzles**

**Application:** in construction, mining and tunnel building  
**Connection 1:** BSP nut thread  
**Standard:** DIN 8537 / 20 033  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Media:** Compressed air, water  
**Material:** Malleable cast iron  
**Surface:** electro galvanised

Identification	G1	Length mm	b mm	Hole Ø mm	Operating pressure
UEM 3/4 KT	G 3/4" -14	23	58	21,5	PN 25
UEM 1 KT	G 1" -11	28	65	23,0	PN 25
UEM 1 L KT	G 1" -11	28	65	27,5	PN 25

G1 = Thread of connection 1

**Web:** <http://cat.hansa-flex.com/en/UEMKT>

## UEM KT RD

## Union nut for conical nozzles

**Application:** in construction, mining and tunnel building  
**Connection 1:** Rund nut thread  
**Standard:** DIN 8537 / 20 033  
**Temp. min.:** -40 °C  
**Temp. max.:** 95 °C  
**Media:** Compressed air, water  
**Material:** Malleable cast iron  
**Surface:** electro galvanised



Identification	G1	Length mm	b mm	Hole Ø mm	Operating pressure
UEM RD 32	Rd 32 x 1/8"	28	65	23,0	PN 25
UEM RD 32-2	Rd 32 x 1/8"	28	65	27,5	PN 25
UEM RD 38	Rd 38 x 1/8"	33	76	29,0	PN 25
UEM RD 46	Rd 46 x 1/6"	36	86	35,0	PN 25
UEM RD 55	Rd 55 x 1/6"	38	95	42,0	PN 25
UEM RD 62	Rd 62 x 1/6"	44	105	49,0	PN 25
UEM RD 75	Rd 75 x 1/6"	50	137	61,0	PN 25
UEM RD 105	Rd 105 x 1/4"	60	158	PN 25	PN 25

G1 = Thread of connection 1

**Web:** <http://cat.hansa-flex.com/en/UEMKTRD>

## XV RD

## Cone double nipple

fits conical nozzle threaded connections

**Application:** in construction, mining and tunnel building  
**Connection 1:** round external thread  
**Connection 2:** round external thread  
**Standard:** DIN 8537 / 20 036  
**Media:** Compressed air, water  
**Material:** Steel



Identification	G1 + G2	Length mm	Cone	AF mm	Operating pressure
XV 32 RD	Rd 32 x 1/8"	55	1:3 / 1:3	32	PN 25
XV 38 RD	Rd 38 x 1/8"	62	1:3 / 1:3	41	PN 25
XV 46 RD	Rd 46 x 1/6"	70	1:3 / 1:3	46	PN 25
XV 55 RD	Rd 55 x 1/6"	78	1:3 / 1:3	55	PN 25
XV 62 RD	Rd 62 x 1/6"	88	1:3 / 1:3	65	PN 25
XV 75 RD	Rd 75 x 1/6"	100	1:3 / 1:3	75	PN 25

G1 + G2 = Threads of connections 1+2 AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/XVRD>

**XV RD HB KV**

## Self-sealing nipple with conical valve



fits conical nozzle threaded connections

**Application:** in construction, mining and tunnel building**Connection 1:** round external thread**Connection 2:** BSP cylindrical external threads**Media:** Compressed air, water**Material:** Steel, Brass conical valve**Note:** Brass conical valve

Identification	G1	G2	Length mm	Cone	AF mm	Operating pressure
XVRD 32 HB 20 KV	G 3/4" -14	Rd 32 x 1/8"	49	1:3	32	PN 25

G1 = Thread of connection 1 G2 = Thread of connection 2 AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/XVRDHBKV>**XV RD HB OS**

## Sieve nipple



fits conical nozzle threaded connections

**Application:** in construction, mining and tunnel building**Connection 1:** round external thread**Connection 2:** BSP cylindrical external threads**Standard:** DIN 20037**Media:** Compressed air, water**Material:** Steel

Identification	Design	G1	G2	Length mm	Cone	AF mm	Operating pressure
XVRD 32 HB 20 OS	without sieve	Rd 32 x 1/8"	G 3/4" -14	48	1:3	32	PN 25
XVRD 38 HB 25 OS	without sieve	Rd 38 x 1/8"	G 1" -11	54	1:3	41	PN 25
XVRD 46 HB 25 OS	without sieve	Rd 46 x 1/6"	G 1" -11	58	1:3	46	PN 25
XVRD 46 HB 32 OS	without sieve	Rd 46 x 1/6"	G 1.1/4" -11	58	1:3	46	PN 25
XVRD 46 HB 40 OS	without sieve	Rd 46 x 1/6"	G 1.1/2" -11	63	1:3	50	PN 25
XVRD 55 HB 32 OS	without sieve	Rd 55 x 1/6"	G 1.1/4" -11	63	1:3	55	PN 25
XVRD 55 HB 40 OS	without sieve	Rd 55 x 1/6"	G 1.1/2" -11	68	1:3	55	PN 25
XVRD 55 HB 50 OS	without sieve	Rd 55 x 1/6"	G 2" -11	68	1:3	75	PN 25
XVRD 62 HB 40 OS	without sieve	Rd 62 x 1/6"	G 1.1/2" -11	75	1:3	65	PN 25
XVRD 62 HB 50 OS	without sieve	Rd 62 x 1/6"	G 2" -11	75	1:3	75	PN 25
XVRD 75 HB 40 OS	without sieve	Rd 75 x 1/6"	G 1.1/2" -11	80	1:3	75	PN 25
XVRD 75 HB 50 OS	without sieve	Rd 75 x 1/6"	G 2" -11	85	1:3	75	PN 25

G1, G2 = Threads for connections 1 and 2 AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/XVRDHBOS>

## XV G

## Cone double nipple

fits conical nozzle threaded connections

**Application:** in construction, mining and tunnel building

**Connection 1:** BSP external thread, cylindrical

**Connection 2:** BSP cylindrical external threads

**Media:** Compressed air, water

**Material:** Steel



Identification	G1	G2	Length mm	Cone	AF mm	Operating pressure
XV 1-3/4	G 1" -11	G 3/4" -14	51	1:3 / 1:4	36	PN 25

G1, G2 = Threads for connections 1 and 2 AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/XVG>

## SVB ND

## Hose connectors

maximum hole size for greatest possible flow rate rotating nozzle contour enables perfect hose seating

**Connection 1:** Hose connection

**Connection 2:** Hose connection

**Standard:** DIN 20038

**Media:** Compressed air

**Material:** Steel



**Note:** To be integrated with DIN 20,039 A hose clamps.

Identification	for hose ID mm	Ø ID mm	b mm	Length mm	Operating pressure
SVB 10 ND	10	8,00	11,0	75	PN 25
SVB 13 ND	13	9,00	13,5	80	PN 25
SVB 15 ND	15	12,00	17,0	105	PN 25
SVB 19 ND	19	16,00	21,0	105	PN 25
SVB 25 ND	25	22,00	26,5	160	PN 25
SVB 32 ND	32	27,00	33,5	175	PN 25
SVB 38 ND	38	33,00	40,0	215	PN 25
SVB 50 ND	50	45,00	51,0	225	PN 25
SVB 53 ND	53	46,00	54,0	225	PN 25

Ø ID = Through hole

**Web:** <http://cat.hansa-flex.com/en/SVBND>

## SVB ND SB

## Hose connectors

maximum hole size for greatest possible flow rate rotating nozzle contour enables perfect hose seating

**Connection 1:** Hose connection

**Connection 2:** Hose connection

**Standard:** DIN 20038

**Media:** Compressed air

**Material:** Steel



**Note:** To be integrated with DIN 20039 B hose clamps.

Identification	for hose ID mm	Ø ID mm	b mm	Length mm	Ø Safety collar mm	Operating pressure
SVB 13 ND SB	13	9,00	13,5	80	25	PN 25

Ø ID = Through hole

## SVB ND SB

(Continued)

## Hose connectors

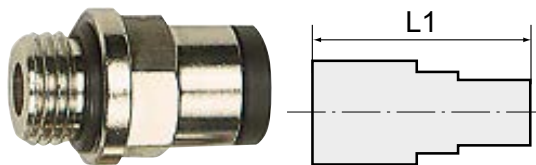
Identification	for hose ID mm	Ø ID mm	b mm	Length mm	Ø Safety collar mm	Operating pressure
SVB 15 ND SB	15	12,00	17,0	105	30	PN 25
SVB 19 ND SB	19	16,00	21,0	105	34	PN 25
SVB 25 ND SB	25	22,00	26,5	160	42	PN 25
SVB 32 ND SB	32	27,00	33,5	175	50	PN 25
SVB 38 ND SB	38	33,00	40,0	215	56	PN 25
SVB 50 ND SB	50	45,00	51,0	225	78	PN 25
SVB 53 ND SB	53	46,00	54,0	225	78	PN 25
SVB 75 ND SB	75	68,00	76,0	250	110	PN 25

Ø ID = Through hole

Web: <http://cat.hansa-flex.com/en/SVBNSB>

## K-STECKVERSCH AGR OR SK M O

## Male connectors, parallel male thread with O-ring and outer hex



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

Note: Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	AF
K-07 40 24 82	M 3	3 mm	1,5	12,6	Ø 5,8 mm
K-07 40 24 83	M 5	3 mm	2,0	13,0	Ø 5,8 mm
K-07 40 24 84	M 5	4 mm	2,5	20,3	Ø 9 mm
K-07 40 24 85	M 5	5 mm	2,5	22,5	Ø 12 mm
K-07 40 24 86	M 5	6 mm	2,5	21,9	Ø 11 mm
K-07 40 24 87	M 7	4 mm	3,0	18,9	Ø 9 mm
K-07 40 24 88	M 7	6 mm	4,0	23,0	Ø 11 mm
K-07 40 24 98	G 1/8	4 mm	3,0	18,0	10 mm
K-07 40 24 99	G 1/8	5 mm	3,0	22,0	13 mm
K-07 40 25 00	G 1/8	6 mm	4,0	21,6	12 mm
K-07 40 25 01	G 1/8	8 mm	5,0	25,4	13 mm
K-07 40 24 94	G 1/4	4 mm	3,0	19,8	10 mm
K-07 40 24 95	G 1/4	5 mm	3,0	24,0	12 mm
K-07 40 24 96	G 1/4	6 mm	4,0	20,3	12 mm
K-07 40 24 97	G 1/4	8 mm	6,0	24,4	14 mm
K-07 40 24 92	G 1/4	10 mm	7,0	29,2	16 mm
K-07 40 24 93	G 1/4	12 mm	7,0	30,5	19 mm
K-07 40 25 05	G 3/8	8 mm	6,0	22,8	14 mm
K-07 40 25 02	G 3/8	10 mm	8,0	26,5	16 mm
K-07 40 25 03	G 3/8	12 mm	10,0	28,1	19 mm
K-07 40 25 04	G 3/8	14 mm	10,0	33,8	22 mm
K-07 40 24 89	G 1/2	10 mm	8,0	29,8	16 mm
K-07 40 24 90	G 1/2	12 mm	10,0	29,3	19 mm
K-07 40 24 91	G 1/2	14 mm	12,0	31,5	22 mm

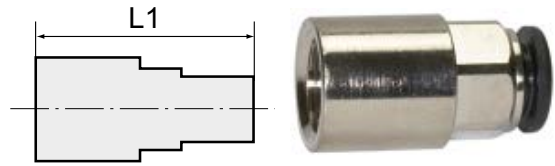
Web: <http://cat.hansa-flex.com/en/KSTECKVERSCHAGRORSKMO>

**K-STECKVERSCHRIG SK****Male connectors, parallel female thread with outer hex**

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 25 06	M 5	3 mm	15,7	7 mm
K- 07 40 25 12	G 1/8	4 mm	26,2	10 mm
K- 07 40 25 13	G 1/8	5 mm	27,5	12 mm
K- 07 40 25 14	G 1/8	6 mm	27,1	12 mm
K- 07 40 25 15	G 1/8	8 mm	28,1	13 mm
K- 07 40 25 09	G 1/4	4 mm	28,6	10 mm
K- 07 40 47 15	G 1/4	5 mm	29,5	12 mm
K- 07 40 25 10	G 1/4	6 mm	29,3	12 mm
K- 07 40 25 11	G 1/4	8 mm	30,0	14 mm
K- 07 40 25 08	G 1/4	10 mm	31,8	16 mm
K- 07 40 25 16	G 3/8	10 mm	36,8	16 mm
K- 07 40 25 17	G 3/8	12 mm	37,0	19 mm
K- 07 40 25 07	G 1/2	12 mm	40,5	19 mm



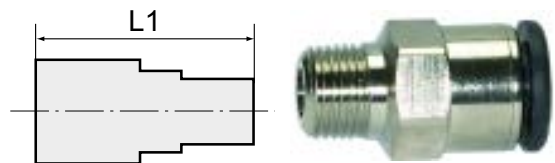
**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRIGSK>

**K-STECKVERSCHR AGR-K SK****Male connectors, conical male thread with outer hex**

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request

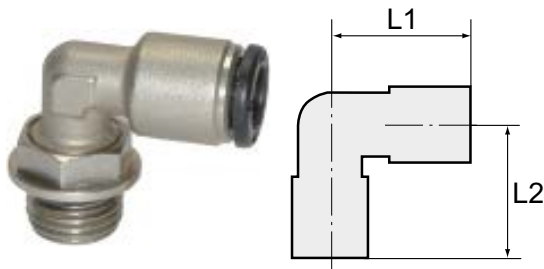


Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	AF
K- 07 40 24 76	R 1/8	4 mm	3,0	18,5	10 mm
K- 07 40 24 77	R 1/8	6 mm	4,0	22,5	12 mm
K- 07 40 24 78	R 1/8	8 mm	5,0	26,0	13 mm
K- 07 40 24 74	R 1/4	6 mm	4,0	22,3	12 mm
K- 07 40 24 75	R 1/4	8 mm	6,0	25,5	14 mm
K- 07 40 24 73	R 1/4	10 mm	7,0	28,9	16 mm
K- 07 40 24 81	R 3/8	8 mm	6,0	24,9	14 mm
K- 07 40 24 79	R 3/8	10 mm	7,0	28,9	16 mm
K- 07 40 24 80	R 3/8	12 mm	10,0	27,0	19 mm
K- 07 40 24 72	R 1/2	12 mm	10,0	26,6	19 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRAGRKSK>

**K-L-STECKVER DREH AG OR**

Male elbows, swivel type, parallel male thread with O-ring



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

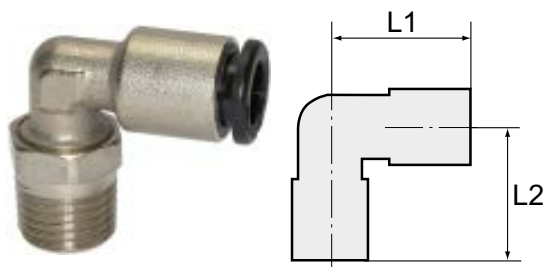
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 25 68	M 5	4 mm	18,6	15,3	9 mm
K-07 40 25 69	M 5	5 mm	22,8	15,3	9 mm
K-07 40 25 70	M 5	6 mm	21,9	15,3	9 mm
K-07 40 25 79	G 1/8	4 mm	18,6	19,1	12 mm
K-07 40 25 80	G 1/8	5 mm	22,8	19,1	12 mm
K-07 40 25 81	G 1/8	6 mm	21,9	19,1	12 mm
K-07 40 25 82	G 1/8	8 mm	25,4	19,1	12 mm
K-07 40 25 75	G 1/4	4 mm	18,6	21,1	14 mm
K-07 40 25 76	G 1/4	5 mm	22,8	21,8	14 mm
K-07 40 25 77	G 1/4	6 mm	21,9	21,1	14 mm
K-07 40 25 78	G 1/4	8 mm	25,4	21,1	14 mm
K-07 40 25 74	G 1/4	10 mm	27,2	24,8	14 mm
K-07 40 47 20	G 1/4	12 mm	30,0	25,6	14 mm
K-07 40 25 85	G 3/8	8 mm	23,6	27,1	17 mm
K-07 40 25 83	G 3/8	10 mm	27,2	27,1	17 mm
K-07 40 25 84	G 3/8	12 mm	30,0	27,1	17 mm
K-07 40 25 71	G 1/2	10 mm	27,2	30,7	22 mm
K-07 40 25 72	G 1/2	12 mm	30,0	30,7	22 mm
K-07 40 25 73	G 1/2	14 mm	33,0	32,3	22 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGOR>

**K-L-STECKVER DREH AG-K**

Male elbows, swivel type, conical male thread



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 27 08	R 1/8	4 mm	18,6	19,8	12 mm
K-07 40 27 09	R 1/8	6 mm	21,9	19,8	12 mm
K-07 40 27 10	R 1/8	8 mm	25,4	19,8	12 mm
K-07 40 27 05	R 1/4	4 mm	18,6	22,6	14 mm
K-07 40 27 06	R 1/4	6 mm	21,9	22,6	14 mm
K-07 40 27 07	R 1/4	8 mm	25,4	23,6	14 mm
K-07 40 27 04	R 1/4	10 mm	27,2	26,3	14 mm
K-07 40 27 13	R 3/8	8 mm	23,6	27,1	17 mm
K-07 40 27 11	R 3/8	10 mm	27,2	27,1	17 mm
K-07 40 27 12	R 3/8	12 mm	30,0	27,1	17 mm
K-07 40 27 03	R 1/2	12 mm	30,0	31,9	22 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGK>



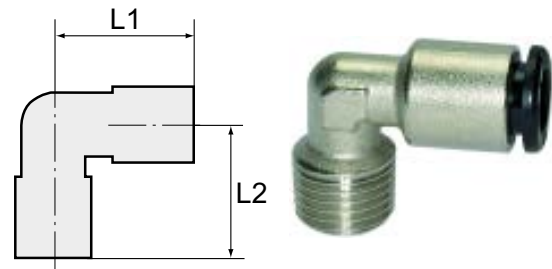
## K-L-STECKVER AG-K

## Male elbows, conical male thread

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 25 65	R 1/8	4 mm	18,6	16,0	10 mm
K- 07 40 25 66	R 1/8	6 mm	21,9	16,0	10 mm
K- 07 40 25 67	R 1/8	8 mm	25,4	16,0	10 mm
K- 07 40 25 63	R 1/4	6 mm	21,9	18,5	10 mm
K- 07 40 25 64	R 1/4	8 mm	25,4	18,5	10 mm
K- 07 40 25 62	R 1/4	10 mm	27,2	22,0	14 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERAGK>

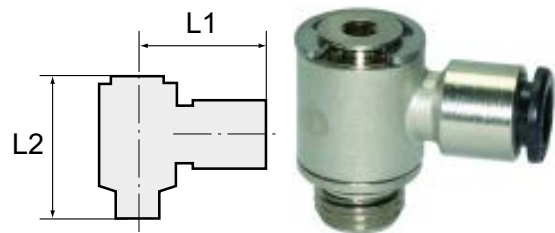
## K-L-STECKVER ISK DREH AG OR 1

## Banjo elbows with inner hex, swivel type, parallel male thread with O-ring

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

**Note:** Further information on request

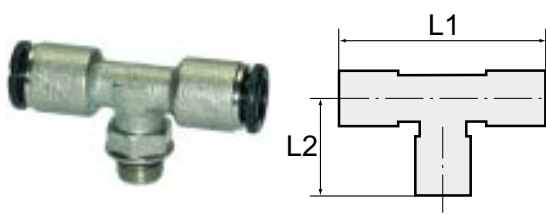


Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 25 98	M 3	3 mm	12,2	13,2	1,5 mm
K- 07 40 25 99	M 5	3 mm	12,7	13,7	2 mm
K- 07 40 26 00	M 5	4 mm	20,2	18,4	2 mm
K- 07 40 26 01	M 5	5 mm	24,0	19,0	2 mm
K- 07 40 26 02	M 5	6 mm	23,5	18,4	2 mm
K- 07 40 26 03	M 7	4 mm	20,2	18,5	3 mm
K- 07 40 26 04	M 7	6 mm	23,5	18,5	3 mm
K- 07 40 26 09	G 1/8	4 mm	21,3	24,9	3 mm
K- 07 40 26 10	G 1/8	5 mm	24,8	26,2	3 mm
K- 07 40 26 11	G 1/8	6 mm	23,0	24,9	3 mm
K- 07 40 26 12	G 1/8	8 mm	24,8	24,9	3 mm
K- 07 40 26 07	G 1/4	6 mm	24,5	29,4	4 mm
K- 07 40 26 08	G 1/4	8 mm	26,5	29,4	4 mm
K- 07 40 26 06	G 1/4	10 mm	31,4	29,4	4 mm
K- 07 40 47 24	G 1/4	12 mm	33,0	29,4	4 mm
K- 07 40 26 15	G 3/8	8 mm	28,5	35,6	5 mm
K- 07 40 26 13	G 3/8	10 mm	32,8	35,6	5 mm
K- 07 40 26 14	G 3/8	12 mm	35,3	35,6	5 mm
K- 07 40 26 05	G 1/2	12 mm	37,0	40,8	8 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERISKDREHAGOR1>

**K-T-STECK VERS DRE AG OR 1**

## Male branch tees, swivel type, parallel male thread with O-ring



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

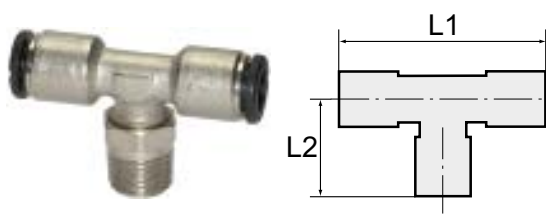
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 47 21	M 5	4 mm	37,2	15,3	9 mm
K-07 40 47 22	M 5	6 mm	43,8	15,3	9 mm
K-07 40 25 91	G 1/8	4 mm	37,2	19,1	12 mm
K-07 40 25 92	G 1/8	5 mm	44,6	19,1	12 mm
K-07 40 25 93	G 1/8	6 mm	43,8	19,1	12 mm
K-07 40 25 94	G 1/8	8 mm	50,8	19,1	12 mm
K-07 40 47 23	G 1/4	4 mm	37,2	21,1	14 mm
K-07 40 25 89	G 1/4	6 mm	43,8	21,1	14 mm
K-07 40 25 90	G 1/4	8 mm	50,8	21,1	14 mm
K-07 40 25 88	G 1/4	10 mm	54,4	21,8	14 mm
K-07 40 25 97	G 3/8	8 mm	47,2	27,1	17 mm
K-07 40 25 95	G 3/8	10 mm	54,4	27,1	17 mm
K-07 40 25 96	G 3/8	12 mm	59,0	27,1	17 mm
K-07 40 25 86	G 1/2	12 mm	59,0	30,7	22 mm
K-07 40 25 87	G 1/2	14 mm	66,0	32,3	22 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGOR1>

**K-T-STECK VERS DRE AG-K**

## Male branch tees, swivel type, parallel male thread



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 27 18	R 1/8	4 mm	37,2	19,8	12 mm
K-07 40 27 19	R 1/8	6 mm	43,8	19,8	12 mm
K-07 40 27 20	R 1/8	8 mm	50,8	19,8	12 mm
K-07 40 27 15	R 1/4	4 mm	37,2	22,6	14 mm
K-07 40 27 16	R 1/4	6 mm	43,8	22,6	14 mm
K-07 40 27 17	R 1/4	8 mm	50,8	23,6	14 mm
K-07 40 27 14	R 1/4	10 mm	54,4	26,3	14 mm
K-07 40 27 22	R 3/8	8 mm	47,2	27,1	17 mm
K-07 40 27 21	R 3/8	10 mm	54,4	27,1	17 mm

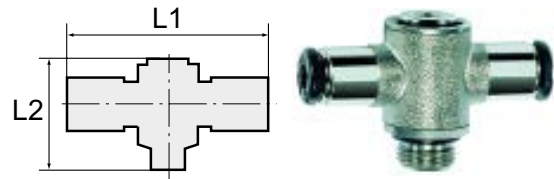
**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGK>

### K-T-STECK VERS ISK DREH AG OR

#### Male branch tees with inner hex, swivel type, parallel male thread with O-ring

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 26 31	M 5	4 mm	40,4	18,4	2 mm
K-07 40 47 25	M 5	5 mm	47,6	18,8	2 mm
K-07 40 26 32	M 5	6 mm	47,0	18,4	2 mm
K-07 40 26 34	M 7	4 mm	40,4	18,5	3 mm
K-07 40 26 35	M 7	6 mm	47,0	18,5	3 mm
K-07 40 26 44	G 1/8	4 mm	42,6	24,9	3 mm
K-07 40 47 27	G 1/8	5 mm	49,5	27,0	3 mm
K-07 40 26 45	G 1/8	6 mm	46,0	24,9	3 mm
K-07 40 26 46	G 1/8	8 mm	49,6	24,9	3 mm
K-07 40 26 42	G 1/4	6 mm	49,0	29,4	4 mm
K-07 40 26 43	G 1/4	8 mm	53,0	29,4	4 mm
K-07 40 26 41	G 1/4	10 mm	62,8	29,4	4 mm
K-07 40 47 26	G 1/4	12 mm	66,0	29,4	4 mm
K-07 40 26 49	G 3/8	8 mm	57,0	35,6	5 mm
K-07 40 26 47	G 3/8	10 mm	65,6	35,6	5 mm
K-07 40 26 48	G 3/8	12 mm	69,6	35,6	5 mm
K-07 40 26 39	G 1/2	12 mm	73,0	40,8	8 mm

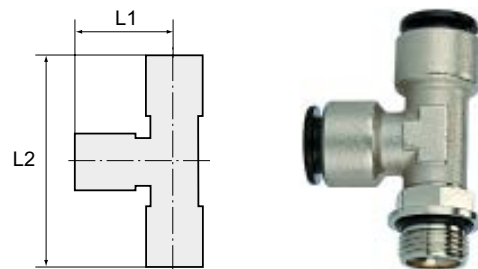
**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERSISKDREHAGOR>

### K-L-STECK VERS DER AG OR

#### Male branch tees, angled plug connections, swivel type, parallel male thread with O-ring

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel



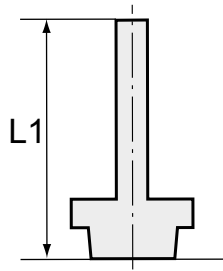
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 24 67	G 1/8	4 mm	18,6	37,7	12 mm
K-07 40 24 68	G 1/8	6 mm	21,9	41,0	12 mm
K-07 40 24 69	G 1/8	8 mm	25,4	44,5	12 mm
K-07 40 24 65	G 1/4	6 mm	21,9	43,0	14 mm
K-07 40 24 66	G 1/4	8 mm	25,4	47,5	14 mm
K-07 40 24 64	G 1/4	10 mm	27,2	49,0	14 mm
K-07 40 24 70	G 3/8	10 mm	27,2	54,3	17 mm
K-07 40 24 71	G 3/8	12 mm	30,0	57,1	17 mm
K-07 40 24 63	G 1/2	12 mm	30,0	60,7	22 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERSDERAGOR>

**K-GEWINDE-STECKNIPPEL AGR OR**

Push-in plug, parallel male thread with O-ring



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

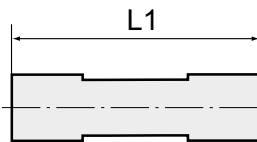
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF	Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 47 32	M 5	3 mm	17,1	5 mm	K-07 40 47 44	G 1/4	8 mm	34,0	14 mm
K-07 40 47 33	M 5	4 mm	25,2	8 mm	K-07 40 47 39	G 1/4	10 mm	38,2	14 mm
K-07 40 47 34	M 5	5 mm	25,2	8 mm	K-07 40 47 40	G 1/4	12 mm	40,7	14 mm
K-07 40 47 35	M 5	6 mm	25,7	9 mm	K-07 40 47 52	G 3/8	8 mm	35,4	17 mm
K-07 40 47 45	G 1/8	4 mm	28,9	13 mm	K-07 40 47 49	G 3/8	10 mm	38,7	17 mm
K-07 40 47 46	G 1/8	5 mm	28,9	13 mm	K-07 40 47 50	G 3/8	12 mm	42,2	17 mm
K-07 40 47 47	G 1/8	6 mm	29,4	13 mm	K-07 40 47 51	G 3/8	14 mm	46,2	17 mm
K-07 40 47 48	G 1/8	8 mm	30,6	13 mm	K-07 40 47 36	G 1/2	10 mm	41,0	19 mm
K-07 40 47 41	G 1/4	4 mm	32,4	14 mm	K-07 40 47 37	G 1/2	12 mm	44,2	22 mm
K-07 40 47 42	G 1/4	5 mm	32,4	14 mm	K-07 40 47 38	G 1/2	14 mm	48,2	22 mm
K-07 40 47 43	G 1/4	6 mm	32,9	14 mm					

**Web:** <http://cat.hansa-flex.com/en/KGEWINDESTECKNIPPELAGROR>

**K-STECKVERBINDU 1**

Straight push-in connector



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request

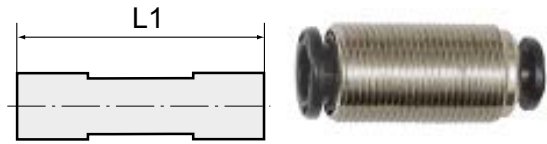
Identification	Thread	for external hose Ø	L1 mm
K-07 40 25 18	M 8 x 0.75	3 mm	18,4
K-07 40 25 19	M 11 x 1	4 mm	30,6
K-07 40 25 20	M 14 x 1	5 mm	33,5
K-07 40 25 21	M 13 x 1	6 mm	33,0
K-07 40 25 22	M 15 x 1	8 mm	35,7
K-07 40 25 23	M 17 x 1	10 mm	39,2
K-07 40 25 24	M 20 x 1	12 mm	39,7
K-07 40 25 25	M 24 x 1	14 mm	45,9

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDU1>

**K-STECKVERBINDU RED 1****Reducers**

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel



**Note:** Further information on request

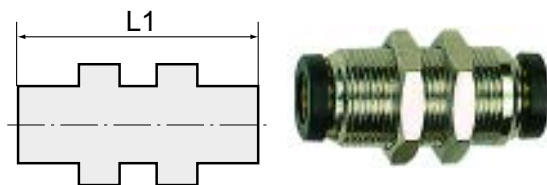
Identification	Thread	for external hose Ø	L1 mm
K- 07 40 25 26	M 13 x 1	4 mm / 6 mm	32,7
K- 07 40 25 27	M 15 x 1	4 mm / 8 mm	34,4
K- 07 40 25 28	M 15 x 1	6 mm / 8 mm	35,0
K- 07 40 25 29	M 17 x 1	6 mm / 10 mm	37,5
K- 07 40 25 30	M 20 x 1	6 mm / 12 mm	39,0
K- 07 40 25 31	M 17 x 1	8 mm / 10 mm	37,8
K- 07 40 25 32	M 20 x 1	8 mm / 12 mm	40,1
K- 07 40 25 33	M 20 x 1	10 mm / 12 mm	40,8

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDURED1>

**K-SCHOTT-STECKVERB 4****Female bulkhead connectors**

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel



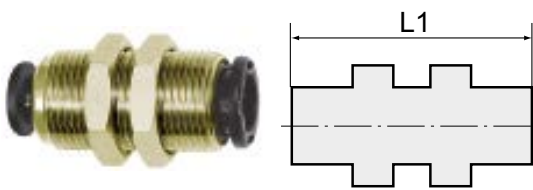
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 47 16	M 8 x 0.75	3 mm	18,4	10 mm
K- 07 40 25 50	M 11 x 1	4 mm	30,6	13 mm
K- 07 40 25 52	M 14 x 1	5 mm	33,5	17 mm
K- 07 40 25 53	M 13 x 1	6 mm	33,0	16 mm
K- 07 40 25 56	M 15 x 1	8 mm	35,7	17 mm
K- 07 40 25 59	M 17 x 1	10 mm	39,2	20 mm
K- 07 40 25 60	M 20 x 1	12 mm	40,7	24 mm
K- 07 40 25 61	M 24 x 1	14 mm	45,9	27 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERB4>

**K-SCHOTT-STECKVERB RED**

## Female bulkhead connectors, unequal



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

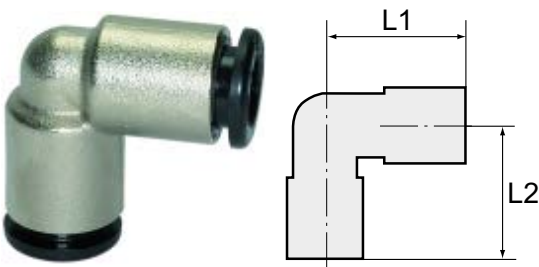
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 25 51	M 13 x 1	4 mm / 6 mm	32,7	16 mm
K-07 40 25 54	M 15 x 1	4 mm / 8 mm	34,4	17 mm
K-07 40 25 55	M 15 x 1	6 mm / 8 mm	35,0	17 mm
K-07 40 25 57	M 17 x 1	6 mm / 10 mm	37,5	20 mm
K-07 40 25 58	M 17 x 1	8 mm / 10 mm	37,8	20 mm
K-07 40 47 17	M 20 x 1	10 mm / 12 mm	40,8	24 mm
K-07 40 47 18	M 20 x 1	6 mm / 12 mm	39,0	24 mm
K-07 40 47 19	M 20 x 1	8 mm / 12 mm	40,1	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERBRED>

**K-L-STECK VB 2**

## Union elbows



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 25 34	3 mm	10,4	10,4
K-07 40 25 35	4 mm	16,7	16,7
K-07 40 25 36	5 mm	19,2	19,2
K-07 40 25 37	6 mm	19,0	19,0
K-07 40 25 38	8 mm	21,3	21,3
K-07 40 25 39	10 mm	23,3	23,3
K-07 40 25 40	12 mm	26,0	26,0
K-07 40 25 41	14 mm	29,3	29,3

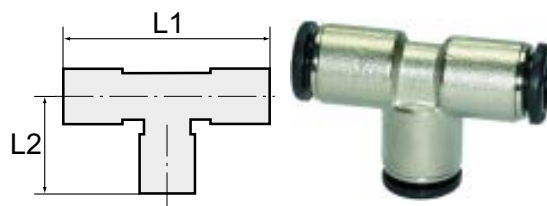
**Web:** <http://cat.hansa-flex.com/en/KLSTECKVB2>

**K-T-STECK VB 3**

## Union tees

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 25 42	3 mm	21,2	10,4
K- 07 40 25 43	4 mm	33,4	16,7
K- 07 40 25 44	5 mm	38,4	19,2
K- 07 40 25 45	6 mm	38,0	19,0
K- 07 40 25 46	8 mm	42,6	21,3
K- 07 40 25 47	10 mm	46,6	23,3
K- 07 40 25 48	12 mm	52,0	26,0
K- 07 40 25 49	14 mm	58,6	29,3

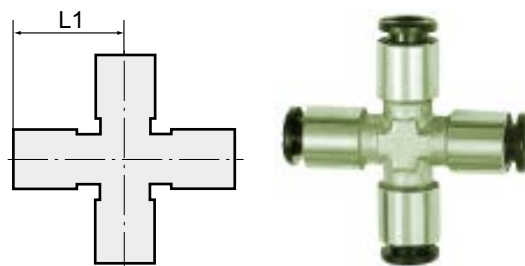
**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB3>

**K-X-STECKVERBINDUNG 1**

## X-unions

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel



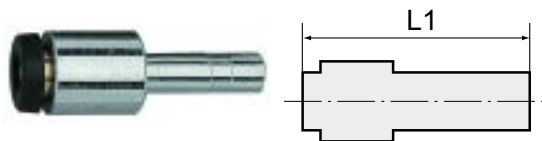
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 47 29	4 mm	18,6
K- 07 40 47 30	6 mm	21,9
K- 07 40 47 31	8 mm	25,4

**Web:** <http://cat.hansa-flex.com/en/KXSTECKVERBINDUNG1>

**K-STECKVERBINDU ST RED 2**

## Reducers with push-in plug



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

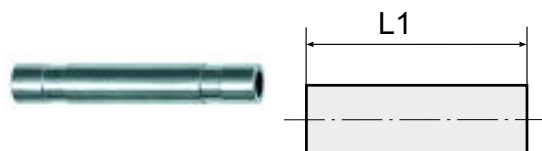
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Push-in plugs mm
K-07 40 26 16	3 mm	26,0	4
K-07 40 26 17	4 mm	29,9	6
K-07 40 26 18	5 mm	36,0	6
K-07 40 26 19	4 mm	28,7	8
K-07 40 26 20	5 mm	34,5	8
K-07 40 26 21	6 mm	31,9	8
K-07 40 26 22	6 mm	36,2	10
K-07 40 26 23	8 mm	40,8	10
K-07 40 26 24	8 mm	40,1	12
K-07 40 26 25	10 mm	44,3	12
K-07 40 26 26	10 mm	44,3	14
K-07 40 26 27	12 mm	50,0	14

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUSTRED2>

**K-STECKNIPPEL**

## push-in plug



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 47 53	4 mm	34,0
K-07 40 47 54	5 mm	34,0
K-07 40 47 55	6 mm	37,5
K-07 40 47 56	8 mm	37,5
K-07 40 47 57	10 mm	45,0
K-07 40 47 58	12 mm	48,0
K-07 40 47 59	14 mm	58,0

**Web:** <http://cat.hansa-flex.com/en/KSTECKNIPPEL>

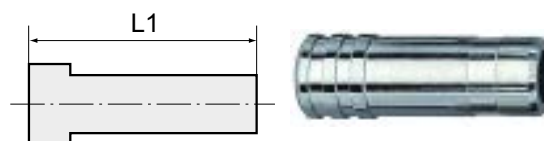


## K-VST 1

### Plugs

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Push-in plugs mm	L1 mm
K- 07 40 26 28	3	20,0
K- 07 40 26 29	4	27,0
K- 07 40 26 30	5	27,0
K- 07 40 26 33	6	29,8
K- 07 40 26 36	8	33,6
K- 07 40 26 37	10	36,8
K- 07 40 26 38	12	39,0
K- 07 40 26 40	14	39,5

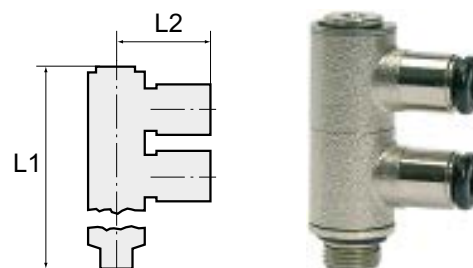
**Web:** <http://cat.hansa-flex.com/en/KVST1>

## K-L-MEHRFACHVERT 2 DR AGR OR CLICK

### Multiple union elbows with inner hex, 2 outlets, swivel type, parallel male thread with O-ring

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel



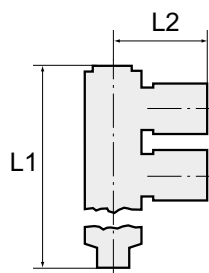
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 26 50	M 5	4 mm	30,3	20,2	2 mm
K- 07 40 26 51	M 5	6 mm	30,3	23,5	2 mm
K- 07 40 26 55	G 1/8	4 mm	40,9	20,2	3 mm
K- 07 40 47 28	G 1/8	5 mm	42,0	25,0	5 mm
K- 07 40 26 56	G 1/8	6 mm	40,9	23,5	3 mm
K- 07 40 26 57	G 1/8	8 mm	40,9	24,8	3 mm
K- 07 40 26 53	G 1/4	6 mm	47,0	23,0	4 mm
K- 07 40 26 54	G 1/4	8 mm	47,0	26,5	4 mm
K- 07 40 26 52	G 1/4	10 mm	47,0	31,4	4 mm

**Web:** <http://cat.hansa-flex.com/en/KLMEHRFACHVERT2DRAGRORCLICK>

### K-L-MEHRFACHVERT 3 DR AGR OR CLICK

Multiple union elbows with inner hex, 3 outlets, swivel type, parallel male thread with O-ring



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

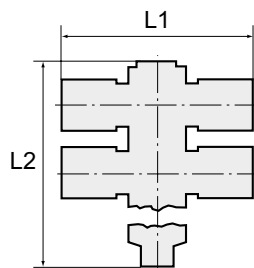
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 26 61	G 1/8	4 mm	56,7	20,2	3 mm
K-07 40 26 62	G 1/8	6 mm	56,7	23,5	3 mm
K-07 40 26 63	G 1/8	8 mm	56,7	24,8	3 mm
K-07 40 26 59	G 1/4	6 mm	64,3	25,6	4 mm
K-07 40 26 60	G 1/4	8 mm	64,3	26,5	4 mm
K-07 40 26 58	G 1/4	10 mm	64,3	31,4	4 mm

**Web:** <http://cat.hansa-flex.com/en/KLMEHRFACHVERT3DRAGRORCLICK>

### K-T-MEHRF-VERT 4 DREH 2

Multiple union elbows with inner hex, 4 outlets, swivel type, parallel male thread with O-ring



The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 26 64	M 5	4 mm	40,4	29,9	2 mm
K-07 40 26 65	M 5	6 mm	47,0	29,9	2 mm
K-07 40 26 69	G 1/8	4 mm	40,4	40,9	3 mm
K-07 40 26 70	G 1/8	6 mm	46,0	41,1	3 mm
K-07 40 26 71	G 1/8	8 mm	49,6	41,1	3 mm
K-07 40 26 67	G 1/4	6 mm	49,0	47,0	4 mm
K-07 40 26 68	G 1/4	8 mm	53,0	47,0	4 mm
K-07 40 26 66	G 1/4	10 mm	62,8	47,0	4 mm

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERT4DREH2>

**K-BOX CLICK-CLOCK**

Boxed set - click-clock

45 male connectors G 1/8-4, G 1/8-6, G 1/4-8, G 3/8-8  
 35 swivel type male elbows G 1/8-4, G 1/8-6, G 1/4-6, G 1/4-8, G 3/8-8  
 15 unions 4, 6, 8 mm  
 10 union elbows 6, 8 mm  
 15 union tees 4, 6, 8 mm  
 15 swivel type male branch tees G 1/8-6, G 1/4-6, G 1/4-8  
 9 reducers with push-in plug 8/6, 10/6, 10/8  
 10 plugs 6, 8 mm  
 10 sockets G 1/8, G 1/4, G 3/8  
 1 PTFE-sealing tape  
 1 hose cutter



**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +80 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**O-ring:** NBR  
**Clamping ring:** Stainless steel

**Identification**

K-07 40 35 24

**Designation**

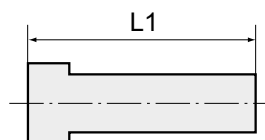
Boxed set, »click-clock« Series push-in fittings

**Web:** <http://cat.hansa-flex.com/en/KBOXCLICKCLOCK>

**K-HS EINFACH**

Banjo bolts, single

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +70 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

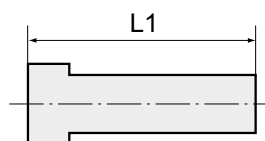
Identification	Thread	L1 mm	AF
K-07 40 26 72	M 5	17,5	8 mm
K-07 40 26 74	G 1/8	28,0	14 mm
K-07 40 26 73	G 1/4	33,0	17 mm
K-07 40 26 75	G 3/8	36,0	19 mm

**Web:** <http://cat.hansa-flex.com/en/KHSEINFACH>

**K-HS ZWEIFACH**

Banjo bolts, double

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +70 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	L1 mm	AF
K-07 40 26 77	G 1/8	44,5	14 mm



**K-HS ZWEIFACH**

(Continued)

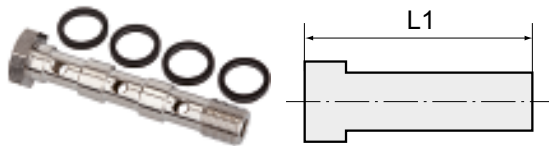
**Banjo bolts, double**

Identification	Thread	L1 mm	AF
K-07 40 26 76	G 1/4	51,5	17 mm
K-07 40 26 78	G 3/8	58,1	19 mm

**Web:** <http://cat.hansa-flex.com/en/KHSZWEIFACH>

**K-HS DREIFACH****Banjo bolts, triple**

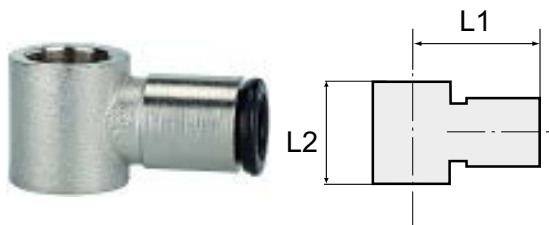
**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +70°C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	L1 mm	AF
K-07 40 26 80	G 1/8	60,0	14 mm
K-07 40 26 79	G 1/4	70,5	17 mm
K-07 40 26 81	G 3/8	80,0	19 mm

**Web:** <http://cat.hansa-flex.com/en/KHSDREIFACH>

**K-L-RINGSTUECK1****L-ring nipples**

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +70°C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	for hollow screw	for external hose Ø	L1 mm	L2 mm
K-07 40 26 82	M 5	4 mm	18,0	9,0
K-07 40 26 87	G 1/8	4 mm	20,5	15,0
K-07 40 26 88	G 1/8	6 mm	23,0	15,0
K-07 40 26 89	G 1/8	8 mm	24,5	15,0
K-07 40 26 85	G 1/4	6 mm	24,0	17,0
K-07 40 26 86	G 1/4	8 mm	26,0	17,0
K-07 40 26 83	G 1/4	10 mm	27,0	17,0
K-07 40 26 84	G 1/4	12 mm	28,0	17,0
K-07 40 26 92	G 3/8	8 mm	27,0	20,0
K-07 40 26 90	G 3/8	10 mm	28,0	20,0
K-07 40 26 91	G 3/8	12 mm	29,0	20,0

**Web:** <http://cat.hansa-flex.com/en/KLRINGSTUECK1>

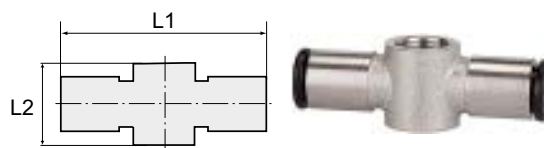
## K-T-RINGSTUECK

## T-ring nipples

The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting, can also be used for non-calibrated hoses, suitable for vacuum operation.

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +70°C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Hostaform  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	for hollow screw	for external hose Ø	L1 mm	L2 mm
K- 07 40 26 93	M 5	4 mm	36,0	9,0
K- 07 40 26 97	G 1/8	4 mm	42,0	15,0
K- 07 40 26 98	G 1/8	6 mm	46,0	15,0
K- 07 40 26 99	G 1/8	8 mm	49,0	15,0
K- 07 40 26 95	G 1/4	6 mm	48,0	17,0
K- 07 40 26 96	G 1/4	8 mm	52,0	17,0
K- 07 40 26 94	G 1/4	10 mm	52,0	17,0
K- 07 40 27 02	G 3/8	8 mm	54,0	20,0
K- 07 40 27 00	G 3/8	10 mm	56,0	20,0
K- 07 40 27 01	G 3/8	12 mm	58,0	20,0

**Web:** <http://cat.hansa-flex.com/en/KTRINGSTUECK>

## K-STECKVERSCH AGR OR SK M O 1

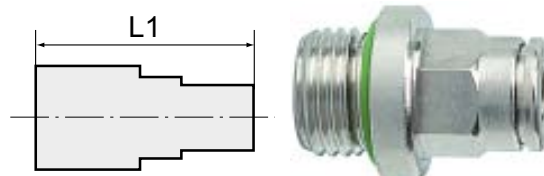
## Male connectors, parallel male thread with O-ring and outer hex

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.

All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

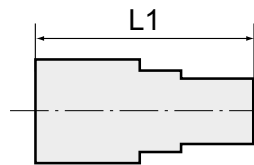
**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**O-ring:** FKM (FPM)  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	AF	Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 27 31	M 5	4 mm	20,5	Ø 9 mm	K- 07 40 27 34	G 1/4	10 mm	29,0	16 mm
K- 07 40 27 32	M 5	6 mm	22,5	Ø 10,5 mm	K- 07 40 47 66	G 1/4	12 mm	31,5	18 mm
K- 07 40 27 38	G 1/8	4 mm	20,0	9 mm	K- 07 40 27 42	G 3/8	8 mm	25,0	13 mm
K- 07 40 27 39	G 1/8	6 mm	24,0	11 mm	K- 07 40 27 41	G 3/8	10 mm	29,5	16 mm
K- 07 40 27 40	G 1/8	8 mm	26,5	13 mm	K- 07 40 47 68	G 3/8	12 mm	31,0	18 mm
K- 07 40 47 67	G 1/8	10 mm	29,0	16 mm	K- 07 40 47 69	G 3/8	14 mm	34,0	21 mm
K- 07 40 27 35	G 1/4	4 mm	21,0	9 mm	K- 07 40 27 33	G 1/2	10 mm	31,0	16 mm
K- 07 40 27 36	G 1/4	6 mm	24,0	11 mm	K- 07 40 47 64	G 1/2	12 mm	31,5	18 mm
K- 07 40 27 37	G 1/4	8 mm	25,0	13 mm	K- 07 40 47 65	G 1/2	14 mm	34,5	21 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHAGRORSKMO1>

**K-STECKVERSCHR IG SK 1****Male connectors, parallel female thread with outer hex**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 27 46	G 1/8	4 mm	26,5	9 mm
K-07 40 27 47	G 1/8	6 mm	27,0	11 mm
K-07 40 27 48	G 1/8	8 mm	28,0	13 mm
K-07 40 47 71	G 1/4	4 mm	29,5	9 mm
K-07 40 27 44	G 1/4	6 mm	31,0	11 mm
K-07 40 27 45	G 1/4	8 mm	32,0	13 mm
K-07 40 27 43	G 1/4	10 mm	32,0	16 mm
K-07 40 47 70	G 1/4	12 mm	40,0	20 mm
K-07 40 47 72	G 3/8	10 mm	37,5	20 mm
K-07 40 47 73	G 3/8	12 mm	39,5	20 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRIGSK1>

**K-STECKVERSCHR AGR-K SK BESCH****Male connectors, conical male thread, coated with outer hex**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 27 26	R 1/8	4 mm	22,5	10 mm
K-07 40 27 27	R 1/8	6 mm	24,5	11 mm
K-07 40 27 28	R 1/8	8 mm	27,5	13 mm
K-07 40 47 62	R 1/4	4 mm	22,5	14 mm
K-07 40 27 24	R 1/4	6 mm	24,5	14 mm
K-07 40 27 25	R 1/4	8 mm	27,5	13 mm
K-07 40 27 23	R 1/4	10 mm	32,5	16 mm
K-07 40 47 61	R 1/4	12 mm	32,5	17 mm
K-07 40 27 30	R 3/8	8 mm	28,0	17 mm
K-07 40 27 29	R 3/8	10 mm	32,5	17 mm
K-07 40 47 63	R 3/8	12 mm	30,5	17 mm
K-07 40 47 60	R 1/2	12 mm	33,0	22 mm

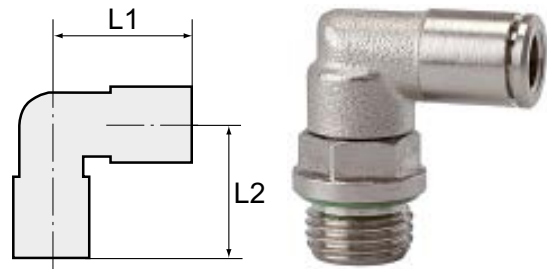
**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRAGRKSKBESCH>

**K-L-STECKVER DREH AG OR 2****Male elbows, swivel type, parallel male thread with O-ring**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.  
All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**O-ring:** FKM (FPM)  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 27 65	M 5	4 mm	18,0	14,5	9 mm
K- 07 40 27 66	M 5	6 mm	21,0	14,5	9 mm
K- 07 40 27 72	G 1/8	4 mm	20,0	20,0	13 mm
K- 07 40 27 73	G 1/8	6 mm	21,0	20,0	13 mm
K- 07 40 27 74	G 1/8	8 mm	24,0	20,0	13 mm
K- 07 40 27 69	G 1/4	4 mm	20,0	24,0	13 mm
K- 07 40 27 70	G 1/4	6 mm	21,0	24,0	13 mm
K- 07 40 27 71	G 1/4	8 mm	24,0	24,0	13 mm
K- 07 40 27 68	G 1/4	10 mm	27,0	24,0	16 mm
K- 07 40 47 86	G 1/4	12 mm	29,0	30,5	16 mm
K- 07 40 27 76	G 3/8	8 mm	24,0	25,5	13 mm
K- 07 40 27 75	G 3/8	10 mm	27,0	28,0	16 mm
K- 07 40 47 85	G 1/2	12 mm	29,0	33,5	20 mm
K- 07 40 27 67	G 1/2	10 mm	27,0	30,0	16 mm
K- 07 40 47 87	G 3/8	12 mm	29,0	28,5	20 mm

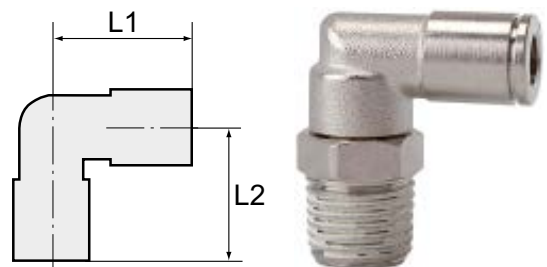
**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGOR2>

**K-L-STECKVER DREH AG-K BESCH 1****Male elbows, swivel type, conical male thread, coated**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.  
All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

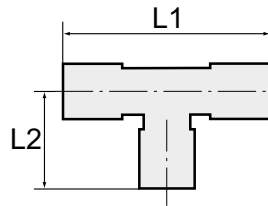
**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 28 10	R 1/8	4 mm	20,0	20,0	13 mm
K- 07 40 28 11	R 1/8	6 mm	21,0	20,0	13 mm
K- 07 40 28 12	R 1/8	8 mm	24,0	20,0	13 mm
K- 07 40 28 07	R 1/4	4 mm	20,0	25,0	14 mm
K- 07 40 28 08	R 1/4	6 mm	21,0	25,0	14 mm
K- 07 40 28 09	R 1/4	8 mm	24,0	25,0	14 mm
K- 07 40 28 06	R 1/4	10 mm	27,0	26,0	16 mm
K- 07 40 28 14	R 3/8	8 mm	24,0	28,0	18 mm
K- 07 40 28 13	R 3/8	10 mm	27,0	30,0	18 mm
K- 07 40 48 00	R 3/8	12 mm	29,0	32,5	20 mm
K- 07 40 47 99	R 1/2	12 mm	29,0	35,5	22 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGKBESCH1>

**K-T-STECK VERS DRE AG OR****Male branch tees, swivel type, parallel male thread with O-ring**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.

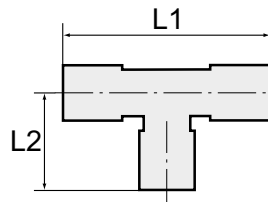
All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**O-ring:** FKM (FPM)  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 27 80	G 1/8	4 mm	40,0	20,0	13 mm
K-07 40 27 81	G 1/8	6 mm	43,0	20,0	13 mm
K-07 40 27 82	G 1/8	8 mm	47,0	20,0	13 mm
K-07 40 27 78	G 1/4	6 mm	43,0	24,0	13 mm
K-07 40 27 79	G 1/4	8 mm	47,0	24,0	13 mm
K-07 40 27 77	G 1/4	10 mm	53,0	24,0	16 mm
K-07 40 27 84	G 3/8	8 mm	47,0	25,5	13 mm
K-07 40 27 83	G 3/8	10 mm	53,0	28,0	16 mm
K-07 40 47 89	G 3/8	12 mm	58,0	28,5	20 mm
K-07 40 47 88	G 1/2	12 mm	58,0	33,5	20 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGOR>

**K-T-STECK VERS DRE AG-K BE 1****Male branch tees, swivel type, conical male thread, coated**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.

All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 28 18	R 1/8	4 mm	40,0	20,0	13 mm
K-07 40 28 19	R 1/8	6 mm	43,0	20,0	13 mm
K-07 40 28 20	R 1/8	8 mm	47,0	20,0	13 mm
K-07 40 28 16	R 1/4	6 mm	43,0	25,0	14 mm
K-07 40 28 17	R 1/4	8 mm	47,0	25,0	14 mm
K-07 40 28 15	R 1/4	10 mm	53,0	26,0	16 mm
K-07 40 28 21	R 3/8	8 mm	47,0	28,0	18 mm
K-07 40 48 02	R 3/8	10 mm	53,0	30,0	18 mm
K-07 40 48 03	R 3/8	12 mm	58,0	32,5	20 mm
K-07 40 48 01	R 1/2	12 mm	58,0	35,5	22 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGKBE1>

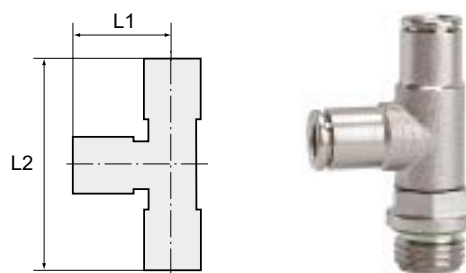


**K-L-STECK VERS DER AG OR 2****Male branch tees, angled plug connections, swivel type, parallel male thread with O-ring**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.

All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**O-ring:** FKM (FPM)  
**Clamping ring:** Stainless steel



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 27 88	G 1/8	4 mm	17,5	35,5	13 mm
K- 07 40 27 89	G 1/8	6 mm	21,0	41,5	13 mm
K- 07 40 27 90	G 1/8	8 mm	23,0	43,0	13 mm
K- 07 40 27 86	G 1/4	6 mm	21,0	45,5	13 mm
K- 07 40 27 87	G 1/4	8 mm	23,0	47,5	13 mm
K- 07 40 27 85	G 1/4	10 mm	27,0	50,5	16 mm
K- 07 40 47 92	G 3/8	8 mm	23,0	48,5	13 mm
K- 07 40 27 91	G 3/8	10 mm	27,0	54,0	16 mm
K- 07 40 47 91	G 3/8	12 mm	31,0	57,5	18 mm
K- 07 40 47 90	G 1/2	12 mm	32,0	65,5	20 mm

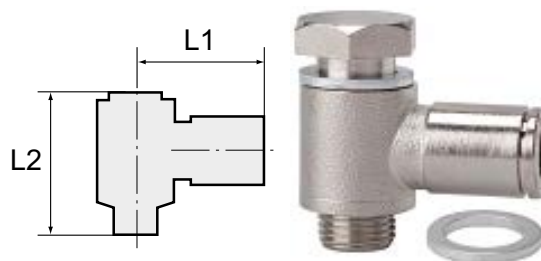
**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERSDERAGOR2>

**K-L-STECKVER SK AGR OR****Banjo elbows with outer hex, parallel male thread with O-ring**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring.

All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

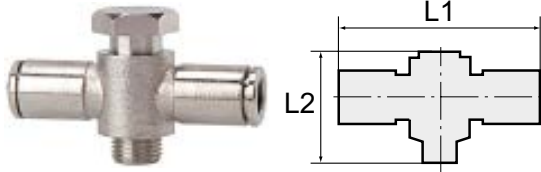
**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**O-ring:** FKM (FPM)  
**Clamping ring:** Stainless steel



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 27 92	M 5	4 mm	18,0	17,5	8 mm
K- 07 40 27 93	M 5	5 mm	19,0	17,5	8 mm
K- 07 40 27 94	M 5	6 mm	19,5	19,5	8 mm
K- 07 40 27 98	G 1/8	4 mm	20,5	28,0	14 mm
K- 07 40 27 99	G 1/8	6 mm	23,0	28,0	14 mm
K- 07 40 28 00	G 1/8	8 mm	24,5	28,0	14 mm
K- 07 40 27 96	G 1/4	6 mm	24,0	33,0	17 mm
K- 07 40 27 97	G 1/4	8 mm	26,0	33,0	17 mm
K- 07 40 27 95	G 1/4	10 mm	27,0	33,0	17 mm
K- 07 40 28 02	G 3/8	8 mm	27,0	36,0	19 mm
K- 07 40 47 94	G 3/8	10 mm	28,0	36,0	19 mm
K- 07 40 28 01	G 3/8	12 mm	29,0	36,0	19 mm
K- 07 40 47 93	G 1/2	12 mm	34,5	42,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERSKAGROR>

**K-T-STECK VERS ASK DREH AG OR****Male branch tees with outer hex, swivel type, parallel male thread with O-ring**

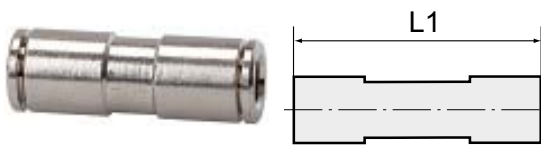
Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**O-ring:** FKM (FPM)  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 28 04	G 1/8	4 mm	42,0	28,0	14 mm
K-07 40 28 05	G 1/8	6 mm	46,0	28,0	14 mm
K-07 40 28 03	G 1/4	6 mm	48,0	33,0	17 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERSASKDREHAGOR>

**K-STECKVERBINDU 2****Straight push-in connector**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 27 49	4 mm	31,0
K-07 40 27 50	6 mm	33,0
K-07 40 27 51	8 mm	37,0
K-07 40 27 52	10 mm	39,0
K-07 40 47 74	12 mm	43,0
K-07 40 40 91	14 mm	47,5

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDU2>

**K-STECKVERBINDU RED****Reducers**

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 47 75	6 mm / 4 mm	33,0



(Continued)

## K-STECKVERBUNDU RED

## Reducers

Identification	for external hose Ø	L1 mm
K- 07 40 47 76	8 mm / 6 mm	39,0
K- 07 40 47 77	10 mm / 8 mm	39,5
K- 07 40 47 78	12 mm / 10 mm	41,5

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBUNDURED>

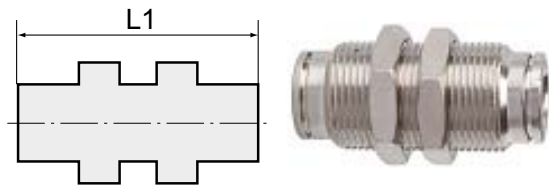
## K-SCHOTT-STECKVERB 2

## Female bulkhead connectors

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 27 61	M 10 x 1	4 mm	31,5	13 mm
K- 07 40 27 62	M 14 x 1	6 mm	33,5	17 mm
K- 07 40 27 63	M 16 x 1	8 mm	37,0	18 mm
K- 07 40 27 64	M 17 x 1	10 mm	39,5	20 mm
K- 07 40 47 83	M 20 x 1	12 mm	42,0	24 mm
K- 07 40 47 84	M 22 x 1	14 mm	46,0	25 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERB2>

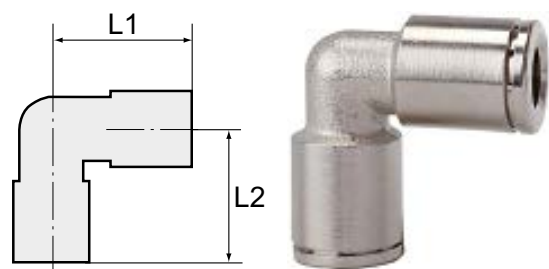
## K-L-STECK VB

## Union elbows

Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

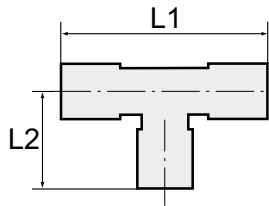


Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 27 53	4 mm	17,5	17,5
K- 07 40 27 54	6 mm	20,0	20,0
K- 07 40 27 55	8 mm	23,0	23,0
K- 07 40 27 56	10 mm	25,0	25,0
K- 07 40 47 79	12 mm	27,5	27,5
K- 07 40 47 80	14 mm	31,0	31,0

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVB>

**K-T-STECK VB 1**

## Union tees



Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

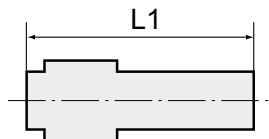
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 27 57	4 mm	34,0	17,0
K-07 40 27 58	6 mm	39,0	19,5
K-07 40 27 59	8 mm	46,0	23,0
K-07 40 27 60	10 mm	50,0	25,0
K-07 40 47 81	12 mm	54,0	27,0
K-07 40 47 82	14 mm	62,0	31,0

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB1>

**K-STECKVERBINDU ST RED 1**

## Reducers with push-in plug



Push-in fittings, manufactured entirely in nickel-plated brass. All parts with a parallel thread are supplied with an FPM O-ring. All parts with conical threads are coated with preCOTE 5 dispersion, all fittings in this series can thus also be used at high temperatures (medium compressed air).

**Working pressure:** Max. 16 bar  
**Operating temperature:** -20 °C to +150 °C  
**Material:** Nickel-plated brass  
**Contact pressure ring:** Nickel-plated brass  
**Clamping ring:** Stainless steel

**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Push-in plugs mm
K-07 40 47 95	4 mm	29,5	6
K-07 40 47 96	6 mm	32,5	8
K-07 40 47 97	8 mm	38,5	10
K-07 40 47 98	10 mm	41,0	12

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUSTRED1>

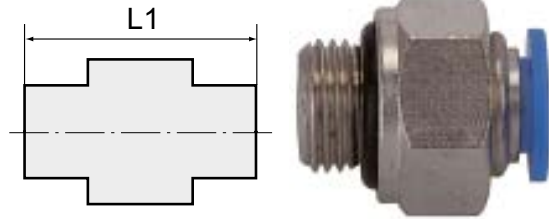
**K-STECKVERSCHR SK MINI**

## Male connectors, male thread with outer hex, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

<b>Working pressure:</b>	Max. 10 bar, vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air
<b>Standard:</b>	M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating
<b>Temp. range:</b>	0 °C to +60 °C
<b>Sealing surface:</b>	O-ring (NBR)
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 23 16	M 3	3 mm	15,0	8 mm
K-07 40 23 17	M 3	4 mm	17,5	8 mm
K-07 40 23 18	M 5	3 mm	16,0	8 mm
K-07 40 23 19	M 5	4 mm	18,5	8 mm
K-07 40 23 20	M 5	6 mm	18,0	10 mm
K-07 40 23 21	M 6	3 mm	15,0	10 mm
K-07 40 23 22	M 6	4 mm	19,0	10 mm
K-07 40 23 23	M 6	6 mm	18,5	10 mm
K-07 40 23 24	G 1/8	4 mm	15,2	14 mm
K-07 40 23 25	G 1/8	6 mm	17,2	13 mm
K-07 40 23 26	R 1/8	4 mm	16,0	10 mm
K-07 40 23 27	R 1/8	6 mm	18,5	10 mm



**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRSKMINI>

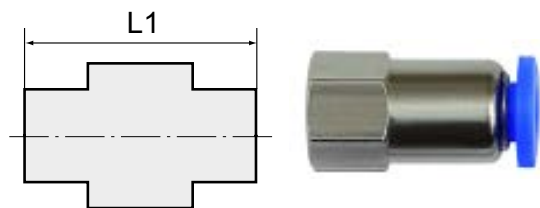
**K-STECKVERSCHR IG SK MINI**

## Male connectors, female thread with outer hex, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

<b>Working pressure:</b>	Max. 10 bar, vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air
<b>Standard:</b>	M thread acc. to DIN 13-1, with O-Ring
<b>Temp. range:</b>	0 °C to +60 °C
<b>Sealing surface:</b>	O-ring (NBR)
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request

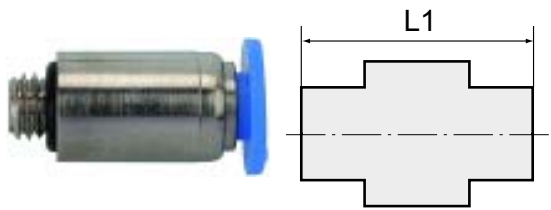


Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 49 99	M 3	3 mm	16,7	8 mm
K-07 40 50 00	M 3	4 mm	18,0	8 mm
K-07 40 50 01	M 5	3 mm	16,2	8 mm
K-07 40 50 02	M 5	4 mm	18,0	8 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRIGSKMINI>

**K-STECKVERSCHR RU MINI**

## Male connectors, round, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

<b>Working pressure:</b>	Max. 10 bar, vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air
<b>Standard:</b>	M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating
<b>Temp. range:</b>	0 °C to +60 °C
<b>Sealing surface:</b>	O-ring (NBR)
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request

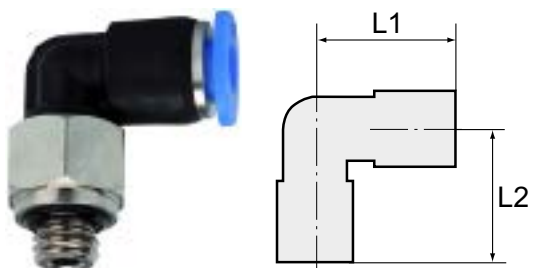
Identification	Thread	for external hose Ø	L1 mm
K-07 40 23 67	M 3	3 mm	15,0
K-07 40 23 68	M 3	4 mm	17,5
K-07 40 23 69	M 5	3 mm	16,0
K-07 40 23 70	M 5	4 mm	18,0
K-07 40 23 71	M 5	6 mm	18,0
K-07 40 23 72	M 6	3 mm	15,0
K-07 40 23 73	M 6	4 mm	18,5
K-07 40 23 74	M 6	6 mm	18,5
K-07 40 23 75	M 7	4 mm	18,5
K-07 40 23 76	M 7	6 mm	19,5
K-07 40 23 77	G 1/8	4 mm	15,2
K-07 40 23 78	G 1/8	6 mm	17,6
K-07 40 23 79	R 1/8	4 mm	15,5
K-07 40 23 80	R 1/8	6 mm	18,5



**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRRUMINI>

**K-L-STECKVER DREH MINI**

## Male elbows, swivel type, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

<b>Working pressure:</b>	Max. 10 bar, vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air
<b>Standard:</b>	M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating
<b>Temp. range:</b>	0 °C to +60 °C
<b>Sealing surface:</b>	O-ring (NBR)
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 23 43	M 3	3 mm	12,0	16,0	8 mm



(Continued)

## K-L-STECKVER DREH MINI

Male elbows, swivel type, mini

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 23 44	M 3	4 mm	14,0	17,2	8 mm
K- 07 40 23 45	M 5	3 mm	12,0	16,0	8 mm
K- 07 40 23 46	M 5	4 mm	14,0	17,2	8 mm
K- 07 40 23 47	M 5	6 mm	16,0	17,2	8 mm
K- 07 40 23 48	M 6	3 mm	12,0	16,5	10 mm
K- 07 40 23 49	M 6	4 mm	14,0	17,6	10 mm
K- 07 40 23 50	M 6	6 mm	16,0	17,6	10 mm
K- 07 40 23 51	G 1/8	4 mm	14,0	16,5	13 mm
K- 07 40 23 52	G 1/8	6 mm	16,0	16,5	13 mm
K- 07 40 23 65	R 1/8	4 mm	14,0	18,0	10 mm
K- 07 40 23 66	R 1/8	6 mm	16,0	18,0	10 mm
K- 07 40 50 05	M 7	4 mm	14,0	15,7	10 mm
K- 07 40 50 06	M 7	6 mm	16,3	17,2	10 mm



Web: <http://cat.hansa-flex.com/en/KLSTECKVERDREHMINI>

## K-L-STECKVER L DREH MINI

Male elbows, long, swivel type, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air

**Standard:** M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating

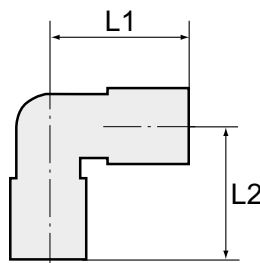
**Temp. range:** 0 °C to +60 °C

**Sealing surface:** O-ring (NBR)

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 23 53	M 3	3 mm	12,0	24,0	8 mm
K- 07 40 23 54	M 3	4 mm	14,0	29,2	8 mm
K- 07 40 23 55	M 5	3 mm	12,0	24,0	8 mm
K- 07 40 23 56	M 5	4 mm	14,0	29,2	8 mm
K- 07 40 23 57	M 5	6 mm	16,0	29,2	8 mm
K- 07 40 23 58	M 6	3 mm	12,0	24,5	10 mm
K- 07 40 23 59	M 6	4 mm	14,0	29,6	10 mm
K- 07 40 23 60	M 6	6 mm	16,0	29,6	10 mm
K- 07 40 23 61	G 1/8	4 mm	14,0	28,5	14 mm
K- 07 40 23 62	G 1/8	6 mm	16,0	28,5	14 mm



**K-L-STECKVER L DREH MINI**

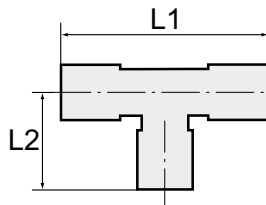
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**Male elbows, long, swivel type, mini**

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 23 63	R 1/8	4 mm	14,0	30,0	10 mm
K-07 40 23 64	R 1/8	6 mm	16,0	30,0	10 mm



**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERLDREHMINI>

**K-T-STECK VERS DRE MINI PAR****Male branch tees, swivel type, mini, parallel thread**

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

<b>Working pressure:</b>	Max. 10 bar, vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air
<b>Standard:</b>	M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating
<b>Temp. range:</b>	0 °C to +60 °C
<b>Sealing surface:</b>	O-ring (NBR)
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 23 04	M 3	3 mm	24,0	16,0	8 mm
K-07 40 23 05	M 3	4 mm	28,0	17,2	8 mm
K-07 40 23 06	M 5	3 mm	24,0	16,0	8 mm
K-07 40 23 07	M 5	4 mm	28,0	17,2	8 mm
K-07 40 23 08	M 5	6 mm	32,0	18,2	8 mm
K-07 40 23 09	M 6	3 mm	24,0	16,5	10 mm
K-07 40 23 10	M 6	4 mm	28,0	17,6	10 mm
K-07 40 23 11	M 6	6 mm	32,0	18,6	10 mm
K-07 40 23 12	G 1/8	4 mm	28,0	16,5	14 mm
K-07 40 23 13	G 1/8	6 mm	32,0	16,5	14 mm
K-07 40 23 14	R 1/8	4 mm	28,0	18,0	10 mm
K-07 40 23 15	R 1/8	6 mm	32,0	19,0	10 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERSREMIPAR>

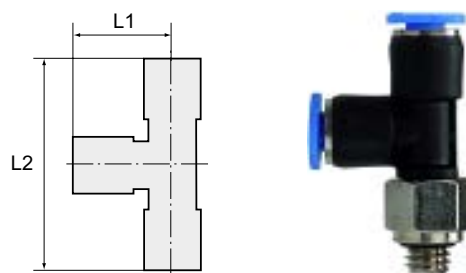


**K-TL-STECK VERS DRE MINI PAR**

Male branch tee, swivel type, mini, parallel thread

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** O-ring (NBR)  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 23 28	M 3	3 mm	12,0	28,0	8 mm
K- 07 40 23 29	M 3	4 mm	14,0	31,2	8 mm
K- 07 40 23 30	M 5	3 mm	12,0	28,0	8 mm
K- 07 40 23 31	M 5	4 mm	14,0	31,2	8 mm
K- 07 40 23 32	M 5	6 mm	14,5	32,7	8 mm
K- 07 40 23 33	M 6	3 mm	12,0	28,5	10 mm
K- 07 40 23 34	M 6	4 mm	14,0	31,6	10 mm
K- 07 40 23 35	M 6	6 mm	14,5	33,1	10 mm
K- 07 40 23 36	G 1/8	4 mm	14,0	30,5	13 mm
K- 07 40 23 37	G 1/8	6 mm	16,0	32,5	13 mm
K- 07 40 23 38	R 1/8	4 mm	14,0	32,0	10 mm
K- 07 40 23 39	R 1/8	6 mm	14,5	33,5	10 mm

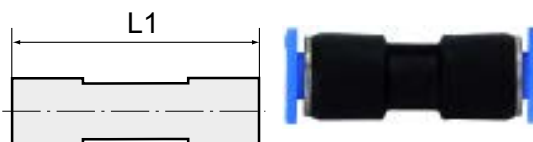
**Web:** <http://cat.hansa-flex.com/en/KTLSTECKVERSREMIPAR>

**K-STECKVERBINDE RED MINI**

Reducers, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



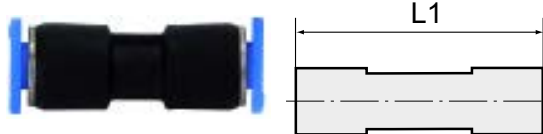
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 50 15	4 mm / 3 mm	24,9
K- 07 40 50 16	6 mm / 4 mm	26,0

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUREDMINI>

## K-STECKVERBINDU MINI

### Unions, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

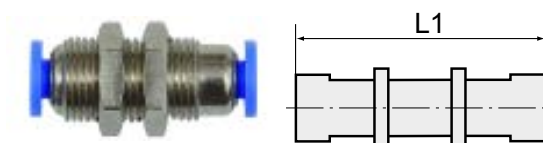
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 23 81	3 mm	21,0
K-07 40 23 82	4 mm	26,5
K-07 40 23 83	6 mm	27,5

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUMINI>

## K-SCHOTT-STECK MINI

### Bulkhead connectors, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring, R thread acc. to ISO 7-1, thread coating  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

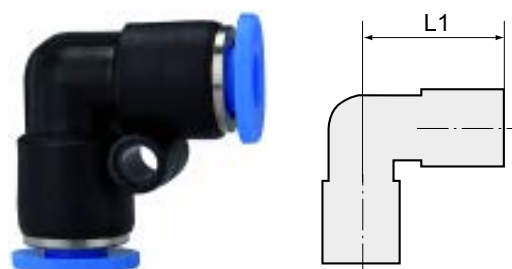
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 50 12	M 8 x 0.75	3 mm	20,3	10 mm
K-07 40 50 10	M 10 x 1.0	4 mm	24,0	12 mm
K-07 40 50 11	M 12 x 1.0	6 mm	23,8	14 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTSTECKMINI>

## K-L-STECK VB MINI

### Union elbows, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 23 84	3 mm	12,0



(Continued)

## K-L-STECK VB MINI

Union elbows, mini

Identification	for external hose Ø	L1 mm
K- 07 40 23 85	4 mm	14,5
K- 07 40 23 86	6 mm	16,0

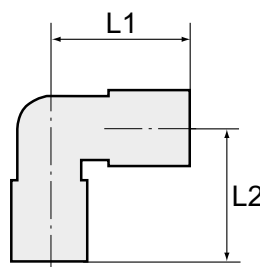
Web: <http://cat.hansa-flex.com/en/KLSTECKVBMINI>

## K-L-SCHOTT STECK MINI

Bulkhead connectors, elbow type, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** M thread acc. to DIN 13-1, with O-Ring  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** O-ring (NBR)  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 50 19	M 8 x 0.75	3 mm	12,0	21,6	10 mm
K- 07 40 50 17	M 10 x 1.0	4 mm	15,7	22,5	12 mm
K- 07 40 50 18	M 12 x 1.0	6 mm	16,0	28,8	12 mm

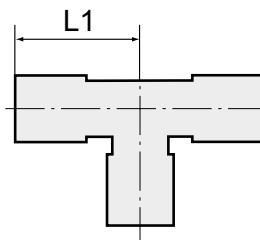
Web: <http://cat.hansa-flex.com/en/KLSCHOTTSTECKMINI>

## K-T-STECK VB MINI

Union tees, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



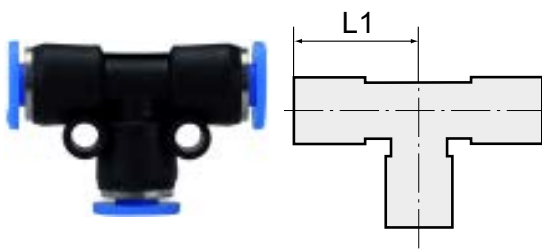
Note: Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 23 40	3 mm	11,8
K- 07 40 23 41	4 mm	14,5
K- 07 40 23 42	6 mm	16,0

Web: <http://cat.hansa-flex.com/en/KTSTECKVBMINI>

**K-T-STECK VB RED MINI**

## Union tees, unequal, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

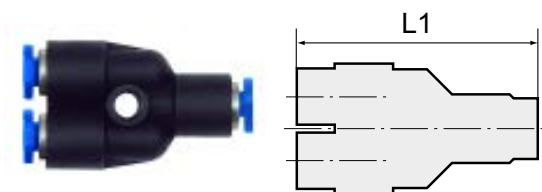
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 50 03	4 mm / 3 mm	14,7
K-07 40 50 04	6 mm / 4 mm	16,4

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVBREDMINI>

**K-Y-STECK VB MINI**

## Y unions, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

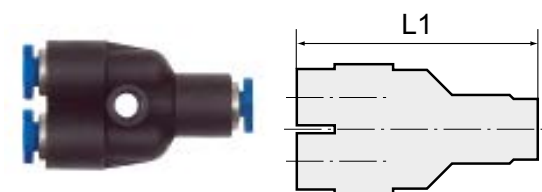
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 50 20	3 mm	28,8
K-07 40 50 21	4 mm	29,4
K-07 40 50 22	6 mm	31,8

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBMINI>

**K-Y-STECK VB RED MINI**

## Y unions, unequal, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 50 23	4 mm / 3 mm	29,1
K-07 40 50 24	6 mm / 4 mm	31,6

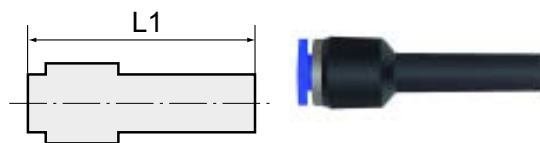
**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBREDMINI>

### K-STECKVERBINDU ST RED M

#### Reducers with push-in plug, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 50 13	4 mm / 3 mm	28,8
K- 07 40 50 14	6 mm / 4 mm	32,2

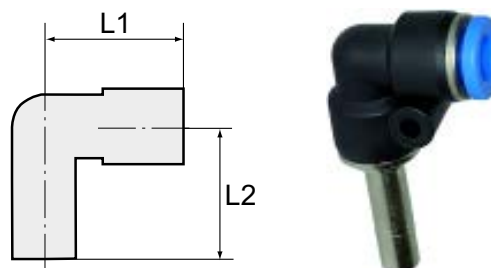
**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUSTREDM>

### K-L-STECK STECKNIPPEL VB MINI

#### Union elbows with push-in plug, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm	Push-in plugs mm
K- 07 40 50 07	3 mm	11,5	26,6	3
K- 07 40 50 08	4 mm	14,0	28,5	4
K- 07 40 50 09	6 mm	16,3	32,0	6

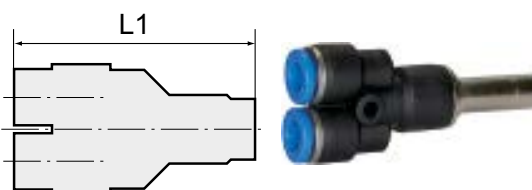
**Web:** <http://cat.hansa-flex.com/en/KLSTECKSTECKNIPPELVBMINI>

### K-Y-STECK VB STECKNIP RED MINI

#### Y unions with push-in plug, unequal, mini

Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



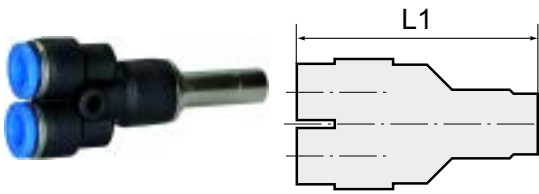
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Push-in plugs mm
K- 07 40 50 28	3 mm	40,5	4
K- 07 40 50 29	4 mm	43,5	6

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBSTECKNIPREDMINI>

**K-Y-STECK VB STECKNIP MINI**

Y unions with push-in plug, mini



Push-in fittings series manufactured in plastic and nickel-plated brass, space-saving miniature design.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

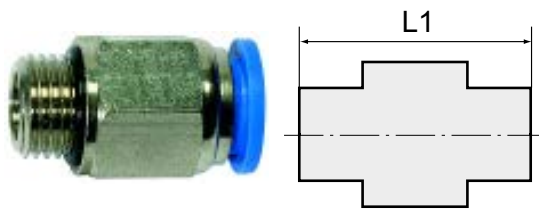
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Push-in plugs mm
K-07 40 50 25	3 mm	38,0	3
K-07 40 50 26	4 mm	43,0	4
K-07 40 50 27	6 mm	46,0	6

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBSTECKNIPMINI>

**K-STECKVERSCHR AGR OR SK**

Male connectors, parallel male thread with O-ring and outer hex



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

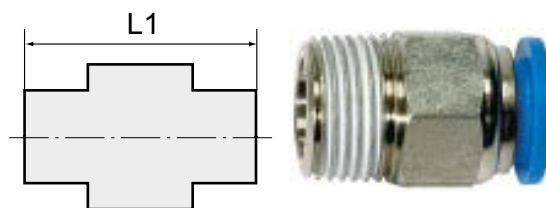
Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	AF
K-07 40 00 78	M 5	4 mm	2,0	20,8	10 mm
K-07 40 00 79	M 5	6 mm	2,0	22,2	12 mm
K-07 40 00 92	G 1/8	4 mm	3,0	19,3	10 mm
K-07 40 00 93	G 1/8	6 mm	4,0	20,2	12 mm
K-07 40 00 94	G 1/8	8 mm	5,0	27,1	14 mm
K-07 40 00 90	G 1/8	10 mm	5,0	28,9	17 mm
K-07 40 00 91	G 1/8	12 mm	5,0	31,6	21 mm
K-07 40 00 87	G 1/4	4 mm	3,0	17,4	10 mm
K-07 40 00 88	G 1/4	6 mm	4,0	20,9	12 mm
K-07 40 00 89	G 1/4	8 mm	6,0	23,0	14 mm
K-07 40 00 85	G 1/4	10 mm	6,0	29,9	17 mm
K-07 40 00 86	G 1/4	12 mm	6,0	32,6	21 mm
K-07 40 00 98	G 3/8	6 mm	4,0	19,5	12 mm
K-07 40 00 99	G 3/8	8 mm	6,0	22,1	14 mm
K-07 40 00 95	G 3/8	10 mm	8,0	25,9	17 mm
K-07 40 00 96	G 3/8	12 mm	8,0	28,6	21 mm
K-07 40 00 97	G 3/8	16 mm	8,0	36,1	24 mm
K-07 40 00 83	G 1/2	6 mm	4,0	22,6	12 mm
K-07 40 00 84	G 1/2	8 mm	6,0	23,2	14 mm
K-07 40 00 80	G 1/2	10 mm	8,0	24,5	17 mm
K-07 40 00 81	G 1/2	12 mm	8,0	31,1	21 mm
K-07 40 00 82	G 1/2	16 mm	10,0	38,1	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRAGRORSK>

**K-STECKVERSCH AGR-K SK BESCH 1****Male connectors, conical male thread, coated with outer hex**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



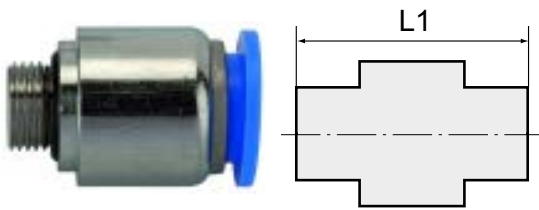
**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket	L1	AF
			mm	mm	
K-07 40 01 12	R 1/8	4 mm	3,0	19,8	10 mm
K-07 40 01 13	R 1/8	6 mm	4,0	20,7	12 mm
K-07 40 01 14	R 1/8	8 mm	5,0	27,1	14 mm
K-07 40 01 10	R 1/8	10 mm	5,0	29,6	17 mm
K-07 40 01 11	R 1/8	12 mm	5,0	31,6	21 mm
K-07 40 01 07	R 1/4	4 mm	3,0	17,9	14 mm
K-07 40 01 08	R 1/4	6 mm	4,0	22,5	14 mm
K-07 40 01 09	R 1/4	8 mm	5,0	24,6	14 mm
K-07 40 01 05	R 1/4	10 mm	6,0	30,9	17 mm
K-07 40 01 06	R 1/4	12 mm	6,0	33,6	21 mm
K-07 40 01 18	R 3/8	6 mm	4,0	20,1	17 mm
K-07 40 01 19	R 3/8	8 mm	6,0	24,6	17 mm
K-07 40 01 15	R 3/8	10 mm	8,0	26,9	17 mm
K-07 40 01 16	R 3/8	12 mm	8,0	29,6	21 mm
K-07 40 01 17	R 3/8	16 mm	8,0	38,1	24 mm
K-07 40 01 03	R 1/2	6 mm	4,0	24,1	21 mm
K-07 40 01 04	R 1/2	8 mm	6,0	25,6	21 mm
K-07 40 01 00	R 1/2	10 mm	8,0	25,3	21 mm
K-07 40 01 01	R 1/2	12 mm	8,0	32,6	21 mm
K-07 40 01 02	R 1/2	16 mm	10,0	35,1	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHAGRKSKBESCH1>

**K-STECKVERSCHR RU AGR OR**

Male connectors, round, parallel male thread with O-ring and inner hex



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

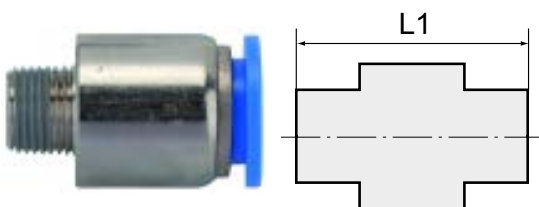
**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm
K-07 40 09 07	M 5	4 mm	2,0	20,8	K-07 40 09 14	G 1/4	12 mm	6,0	32,6
K-07 40 09 08	M 5	6 mm	2,0	22,4	K-07 40 09 26	G 3/8	6 mm	4,0	19,5
K-07 40 09 20	G 1/8	4 mm	3,0	19,3	K-07 40 09 27	G 3/8	8 mm	6,0	22,1
K-07 40 09 21	G 1/8	6 mm	4,0	20,2	K-07 40 09 23	G 3/8	10 mm	8,0	25,9
K-07 40 09 22	G 1/8	8 mm	5,0	27,0	K-07 40 09 24	G 3/8	12 mm	8,0	28,6
K-07 40 09 18	G 1/8	10 mm	5,0	28,9	K-07 40 09 25	G 3/8	16 mm	8,0	35,1
K-07 40 09 19	G 1/8	12 mm	5,0	31,6	K-07 40 09 12	G 1/2	8 mm	6,0	24,1
K-07 40 09 15	G 1/4	4 mm	3,0	18,0	K-07 40 09 09	G 1/2	10 mm	8,0	25,3
K-07 40 09 16	G 1/4	6 mm	4,0	20,9	K-07 40 09 10	G 1/2	12 mm	8,0	31,1
K-07 40 09 17	G 1/4	8 mm	5,0	23,0	K-07 40 09 11	G 1/2	16 mm	10,0	38,1
K-07 40 09 13	G 1/4	10 mm	6,0	29,9					

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRRUAGROR>

**K-STECKVERSCHR RU AGR-K**

Male connectors, round, conical male thread, coated with inner hex



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm
K-07 40 09 38	R 1/8	4 mm	3,0	19,8	K-07 40 09 45	R 3/8	8 mm	6,0	24,6
K-07 40 09 39	R 1/8	6 mm	4,0	20,7	K-07 40 09 41	R 3/8	10 mm	8,0	26,9
K-07 40 09 40	R 1/8	8 mm	5,0	27,1	K-07 40 09 42	R 3/8	12 mm	8,0	29,6
K-07 40 09 37	R 1/8	10 mm	5,0	29,6	K-07 40 09 43	R 3/8	16 mm	8,0	38,1
K-07 40 09 34	R 1/4	4 mm	3,0	17,9	K-07 40 09 31	R 1/2	6 mm	4,0	24,1
K-07 40 09 35	R 1/4	6 mm	4,0	22,5	K-07 40 09 32	R 1/2	8 mm	6,0	25,6
K-07 40 09 36	R 1/4	8 mm	5,0	24,6	K-07 40 09 28	R 1/2	10 mm	8,0	25,3
K-07 40 09 33	R 1/4	10 mm	6,0	30,9	K-07 40 09 29	R 1/2	12 mm	8,0	32,6
K-07 40 09 44	R 3/8	6 mm	4,0	20,1	K-07 40 09 30	R 1/2	16 mm	10,0	35,1

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRRUAGRK>

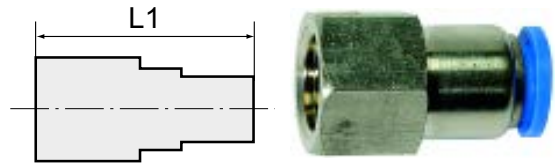


## K-STECKVERSCHR IG SK 2

## Female connectors, parallel female thread with outer hex

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic  
**Note:** Further information on request



Identification	Thread	for external hose Ø	L1 mm	AF	Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 01 20	M 5	4 mm	21,3	10 mm	K-07 40 01 27	G 1/4	12 mm	34,6	21 mm
K-07 40 01 21	M 5	6 mm	22,2	12 mm	K-07 40 01 36	G 3/8	6 mm	29,2	21 mm
K-07 40 01 31	G 1/8	4 mm	23,8	14 mm	K-07 40 01 37	G 3/8	8 mm	31,1	21 mm
K-07 40 01 32	G 1/8	6 mm	25,2	14 mm	K-07 40 01 34	G 3/8	10 mm	33,4	21 mm
K-07 40 01 33	G 1/8	8 mm	27,1	14 mm	K-07 40 01 35	G 3/8	12 mm	35,6	21 mm
K-07 40 41 28	G 1/8	10 mm	28,5	14 mm	K-07 40 01 24	G 1/2	6 mm	31,2	24 mm
K-07 40 01 28	G 1/4	4 mm	26,8	17 mm	K-07 40 01 25	G 1/2	8 mm	33,1	24 mm
K-07 40 01 29	G 1/4	6 mm	28,2	17 mm	K-07 40 01 22	G 1/2	10 mm	35,2	24 mm
K-07 40 01 30	G 1/4	8 mm	30,1	17 mm	K-07 40 01 23	G 1/2	12 mm	37,6	24 mm
K-07 40 01 26	G 1/4	10 mm	32,2	17 mm	K-07 40 41 27	G 1/2	16 mm	39,7	24 mm

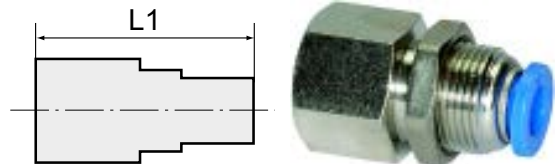
**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRIGSK2>

## K-SCHOTT-STECKVERB IG-K

## Male bulkhead connectors, conical female thread

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic  
**Note:** Further information on request

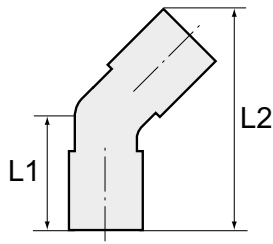


Identification	Thread	for external hose Ø	Thread control panel	L1 mm	AF
K-07 40 04 42	Rc 1/8	4 mm	M 12 x 1	23,8	14 mm
K-07 40 04 43	Rc 1/8	6 mm	M 14 x 1	27,0	17 mm
K-07 40 04 44	Rc 1/8	8 mm	M 16 x 1	32,1	19 mm
K-07 40 04 40	Rc 1/4	6 mm	M 14 x 1	30,0	17 mm
K-07 40 04 41	Rc 1/4	8 mm	M 16 x 1	35,1	19 mm
K-07 40 04 38	Rc 1/4	10 mm	M 20 x 1	36,0	24 mm
K-07 40 04 39	Rc 1/4	12 mm	M 22 x 1	38,1	24 mm
K-07 40 04 45	Rc 3/8	10 mm	M 20 x 1	37,0	24 mm
K-07 40 04 46	Rc 3/8	12 mm	M 22 x 1	39,1	24 mm
K-07 40 04 37	Rc 1/2	12 mm	M 22 x 1	41,1	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERBIGK>

### K-STECKVERSCHR 45° DRE AG OR

45° union elbows, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

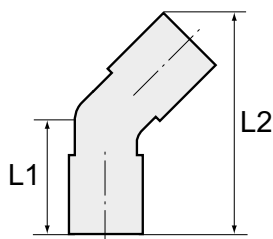
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 05 47	M 5	4 mm	20,2	34,7	10 mm
K-07 40 05 48	M 5	6 mm	21,9	36,1	12 mm
K-07 40 05 59	G 1/8	4 mm	23,2	39,0	12 mm
K-07 40 05 60	G 1/8	6 mm	24,4	42,0	14 mm
K-07 40 05 61	G 1/8	8 mm	27,1	47,5	14 mm
K-07 40 05 58	G 1/8	10 mm	29,7	53,1	17 mm
K-07 40 05 55	G 1/4	4 mm	24,7	40,5	12 mm
K-07 40 05 56	G 1/4	6 mm	25,9	43,5	14 mm
K-07 40 05 57	G 1/4	8 mm	28,6	49,0	17 mm
K-07 40 05 53	G 1/4	10 mm	30,7	54,1	17 mm
K-07 40 05 54	G 1/4	12 mm	32,8	60,4	21 mm
K-07 40 05 64	G 3/8	6 mm	26,2	45,0	14 mm
K-07 40 05 65	G 3/8	8 mm	30,1	50,5	20 mm
K-07 40 05 62	G 3/8	10 mm	32,2	55,6	20 mm
K-07 40 05 63	G 3/8	12 mm	33,8	61,4	21 mm
K-07 40 05 51	G 1/2	6 mm	30,9	48,5	14 mm
K-07 40 05 52	G 1/2	8 mm	33,6	54,0	24 mm
K-07 40 05 49	G 1/2	10 mm	35,7	59,1	19 mm
K-07 40 05 50	G 1/2	12 mm	37,3	64,9	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHR45DREAGOR>

### K-STECKVERSCHR 45° DRE AG-K

45° union elbows, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 04 81	R 1/8	4 mm	22,7	38,5	10 mm
K-07 40 04 82	R 1/8	6 mm	24,4	42,0	12 mm
K-07 40 04 83	R 1/8	8 mm	27,6	48,0	14 mm
K-07 40 04 80	R 1/8	10 mm	30,2	53,6	17 mm
K-07 40 04 77	R 1/4	4 mm	25,7	41,5	14 mm
K-07 40 04 78	R 1/4	6 mm	26,9	44,5	14 mm
K-07 40 04 79	R 1/4	8 mm	29,6	50,0	14 mm
K-07 40 04 75	R 1/4	10 mm	32,2	55,6	17 mm



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## K-STECKVERSCHR 45° DRE AG-K

45° union elbows, swivel type, conical male thread, coated

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 04 76	R 1/4	12 mm	35,2	61,9	21 mm
K-07 40 04 86	R 3/8	6 mm	28,4	46,0	17 mm
K-07 40 04 87	R 3/8	8 mm	31,1	51,5	17 mm
K-07 40 04 84	R 3/8	10 mm	33,2	56,6	17 mm
K-07 40 04 85	R 3/8	12 mm	36,2	62,9	21 mm
K-07 40 04 73	R 1/2	6 mm	31,9	49,5	21 mm
K-07 40 04 74	R 1/2	8 mm	34,6	55,0	21 mm
K-07 40 04 71	R 1/2	10 mm	36,7	60,1	21 mm
K-07 40 04 72	R 1/2	12 mm	39,2	65,9	21 mm

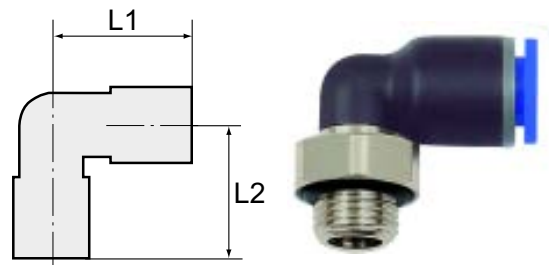
**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHR45DREAGK>

## K-L-STECKVER DREH AG OR 1

Male elbows, swivel type, parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



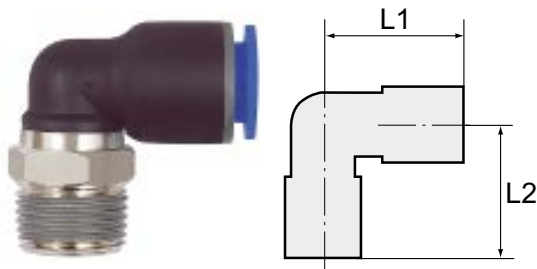
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 01 38	M 5	4 mm	18,8	18,6	8 mm
K-07 40 01 39	M 5	6 mm	20,0	19,6	8 mm
K-07 40 01 50	G 1/8	4 mm	18,8	16,5	10 mm
K-07 40 01 51	G 1/8	6 mm	20,0	17,5	10 mm
K-07 40 01 52	G 1/8	8 mm	22,5	22,0	14 mm
K-07 40 41 29	G 1/8	10 mm	26,9	23,3	17 mm
K-07 40 01 47	G 1/4	4 mm	18,8	16,5	17 mm
K-07 40 01 48	G 1/4	6 mm	20,0	17,5	17 mm
K-07 40 01 49	G 1/4	8 mm	22,5	18,0	17 mm
K-07 40 01 45	G 1/4	10 mm	26,9	24,3	17 mm
K-07 40 01 46	G 1/4	12 mm	28,5	25,8	17 mm
K-07 40 01 56	G 3/8	6 mm	20,0	18,6	20 mm
K-07 40 01 57	G 3/8	8 mm	22,5	19,1	20 mm
K-07 40 01 53	G 3/8	10 mm	26,9	21,3	20 mm
K-07 40 01 54	G 3/8	12 mm	28,5	22,8	20 mm
K-07 40 01 55	G 3/8	16 mm	33,5	31,7	20 mm
K-07 40 01 43	G 1/2	6 mm	20,1	21,0	24 mm
K-07 40 01 44	G 1/2	8 mm	22,5	21,5	24 mm
K-07 40 01 40	G 1/2	10 mm	26,9	23,2	24 mm
K-07 40 01 41	G 1/2	12 mm	28,5	24,7	24 mm
K-07 40 01 42	G 1/2	16 mm	33,5	28,4	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGOR1>

**K-L-STECKVER DREH AG-K BESCH**

Male elbows, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

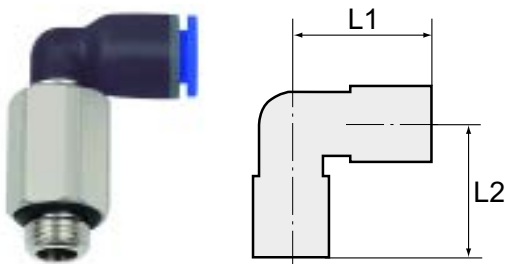
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 01 68	R 1/8	4 mm	18,8	18,5	10 mm
K-07 40 01 69	R 1/8	6 mm	20,0	19,5	10 mm
K-07 40 01 70	R 1/8	8 mm	22,5	22,9	10 mm
K-07 40 01 65	R 1/4	4 mm	18,8	20,0	14 mm
K-07 40 01 66	R 1/4	6 mm	20,0	21,0	14 mm
K-07 40 01 67	R 1/4	8 mm	22,5	21,5	14 mm
K-07 40 01 63	R 1/4	10 mm	26,9	26,3	17 mm
K-07 40 01 64	R 1/4	12 mm	28,5	27,8	17 mm
K-07 40 01 74	R 3/8	6 mm	20,0	22,5	17 mm
K-07 40 01 75	R 3/8	8 mm	22,5	23,0	17 mm
K-07 40 01 71	R 3/8	10 mm	26,9	24,8	17 mm
K-07 40 01 72	R 3/8	12 mm	28,5	26,3	17 mm
K-07 40 01 73	R 3/8	16 mm	33,5	33,7	20 mm
K-07 40 01 61	R 1/2	6 mm	20,0	25,5	21 mm
K-07 40 01 62	R 1/2	8 mm	22,5	26,0	21 mm
K-07 40 01 58	R 1/2	10 mm	26,9	27,8	21 mm
K-07 40 01 59	R 1/2	12 mm	28,5	29,3	21 mm
K-07 40 01 60	R 1/2	16 mm	33,5	36,7	21 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGKBESCH>

**K-L-STECKVER L DREH AG OR**

Male elbows, long, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 01 76	M 5	4 mm	18,8	32,5	8 mm
K-07 40 01 77	M 5	6 mm	20,0	33,5	8 mm
K-07 40 01 90	G 1/8	4 mm	18,8	30,5	14 mm
K-07 40 01 91	G 1/8	6 mm	20,0	31,5	14 mm
K-07 40 01 92	G 1/8	8 mm	22,5	37,8	14 mm
K-07 40 01 88	G 1/8	10 mm	26,9	45,4	17 mm
K-07 40 01 89	G 1/8	12 mm	28,5	46,9	17 mm
K-07 40 01 85	G 1/4	4 mm	18,8	30,5	17 mm
K-07 40 01 86	G 1/4	6 mm	20,0	31,5	17 mm
K-07 40 01 87	G 1/4	8 mm	22,5	33,8	17 mm



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## K-L-STECKVER L DREH AG OR

Male elbows, long, swivel type, parallel male thread with O-ring

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 01 83	G 1/4	10 mm	26,9	46,4	17 mm
K-07 40 01 84	G 1/4	12 mm	28,5	47,9	17 mm
K-07 40 01 96	G 3/8	6 mm	20,0	32,6	20 mm
K-07 40 01 97	G 3/8	8 mm	22,5	34,9	20 mm
K-07 40 01 93	G 3/8	10 mm	26,9	43,4	20 mm
K-07 40 01 94	G 3/8	12 mm	28,5	44,9	20 mm
K-07 40 01 95	G 3/8	16 mm	33,5	58,2	20 mm
K-07 40 01 81	G 1/2	6 mm	20,0	33,3	24 mm
K-07 40 01 82	G 1/2	8 mm	22,5	37,3	24 mm
K-07 40 01 78	G 1/2	10 mm	26,9	45,3	24 mm
K-07 40 01 79	G 1/2	12 mm	28,5	46,8	24 mm
K-07 40 01 80	G 1/2	16 mm	33,5	54,9	24 mm

Web: <http://cat.hansa-flex.com/en/KLSTECKVERLDREHAGOR>

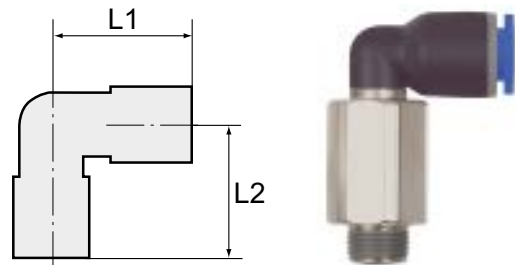
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## K-L-STECKVER L DREH AG-K

Male elbows, long, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



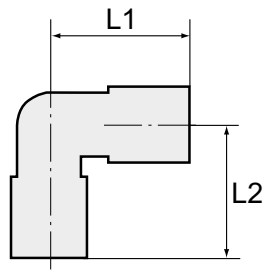
Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 02 10	R 1/8	4 mm	18,8	32,5	10 mm
K-07 40 02 11	R 1/8	6 mm	20,0	33,5	10 mm
K-07 40 02 12	R 1/8	8 mm	22,5	38,7	10 mm
K-07 40 02 08	R 1/8	10 mm	26,9	46,4	17 mm
K-07 40 02 09	R 1/8	12 mm	28,5	47,9	17 mm
K-07 40 02 05	R 1/4	4 mm	18,8	34,0	14 mm
K-07 40 02 06	R 1/4	6 mm	20,0	35,0	14 mm
K-07 40 02 07	R 1/4	8 mm	22,5	37,3	14 mm
K-07 40 02 03	R 1/4	10 mm	26,9	48,4	17 mm
K-07 40 02 04	R 1/4	12 mm	28,5	49,9	17 mm
K-07 40 02 16	R 3/8	6 mm	20,0	36,5	17 mm
K-07 40 02 17	R 3/8	8 mm	22,5	38,8	17 mm
K-07 40 02 13	R 3/8	10 mm	26,9	46,9	17 mm
K-07 40 02 14	R 3/8	12 mm	28,5	48,4	17 mm
K-07 40 02 15	R 3/8	16 mm	33,5	61,2	20 mm
K-07 40 02 01	R 1/2	6 mm	20,0	39,5	21 mm
K-07 40 02 02	R 1/2	8 mm	22,5	41,8	21 mm
K-07 40 01 98	R 1/2	10 mm	26,9	49,9	21 mm
K-07 40 01 99	R 1/2	12 mm	28,5	51,4	21 mm
K-07 40 02 00	R 1/2	16 mm	33,5	63,2	21 mm

Web: <http://cat.hansa-flex.com/en/KLSTECKVERLDREHAGK>

**K-L-STECKVER IG DREH**

## Banjo elbows with parallel female thread, swivel type



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

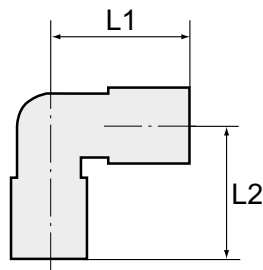
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 05 66	M 5	4 mm	17,5	18,5	10 mm
K-07 40 05 67	M 5	6 mm	18,7	19,7	12 mm
K-07 40 05 79	G 1/8	4 mm	17,7	23,0	14 mm
K-07 40 05 80	G 1/8	6 mm	18,7	24,4	14 mm
K-07 40 05 81	G 1/8	8 mm	22,5	27,3	14 mm
K-07 40 05 78	G 1/8	10 mm	27,2	27,3	17 mm
K-07 40 05 75	G 1/4	4 mm	17,5	26,0	17 mm
K-07 40 05 76	G 1/4	6 mm	18,7	27,4	17 mm
K-07 40 05 77	G 1/4	8 mm	22,5	30,3	17 mm
K-07 40 05 73	G 1/4	10 mm	27,2	34,3	17 mm
K-07 40 05 74	G 1/4	12 mm	29,3	37,0	21 mm
K-07 40 05 85	G 3/8	6 mm	18,7	28,7	21 mm
K-07 40 05 86	G 3/8	8 mm	22,5	32,0	21 mm
K-07 40 05 82	G 3/8	10 mm	27,2	36,3	21 mm
K-07 40 05 83	G 3/8	12 mm	29,3	38,0	21 mm
K-07 40 05 84	G 3/8	16 mm	32,5	40,5	24 mm
K-07 40 05 71	G 1/2	6 mm	18,7	34,2	24 mm
K-07 40 05 72	G 1/2	8 mm	22,5	34,3	24 mm
K-07 40 05 68	G 1/2	10 mm	27,2	38,8	24 mm
K-07 40 05 69	G 1/2	12 mm	29,3	40,5	24 mm
K-07 40 05 70	G 1/2	16 mm	32,5	43,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERIGDREH>

**K-L-STECKVER IG-K DREH**

## Banjo elbows with conical female thread, swivel type



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 04 63	Rc 1/8	4 mm	17,5	23,0	14 mm
K-07 40 04 64	Rc 1/8	6 mm	19,0	24,4	14 mm
K-07 40 04 65	Rc 1/8	8 mm	22,8	27,3	14 mm
K-07 40 04 62	Rc 1/8	10 mm	27,2	27,3	17 mm
K-07 40 04 59	Rc 1/4	4 mm	17,5	26,0	17 mm
K-07 40 04 60	Rc 1/4	6 mm	19,0	27,4	17 mm
K-07 40 04 61	Rc 1/4	8 mm	22,8	30,3	17 mm
K-07 40 04 57	Rc 1/4	10 mm	27,2	34,3	17 mm

(Continued)

K-L-STECKVER IG-K DREH

## Banjo elbows with conical female thread, swivel type

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 04 58	Rc 1/4	12 mm	29,6	37,0	21 mm
K- 07 40 04 69	Rc 3/8	6 mm	19,0	28,7	21 mm
K- 07 40 04 70	Rc 3/8	8 mm	22,8	32,0	21 mm
K- 07 40 04 66	Rc 3/8	10 mm	27,2	36,3	21 mm
K- 07 40 04 67	Rc 3/8	12 mm	29,6	38,0	21 mm
K- 07 40 04 68	Rc 3/8	16 mm	32,5	40,5	24 mm
K- 07 40 04 56	Rc 1/2	8 mm	22,8	34,3	24 mm
K- 07 40 04 53	Rc 1/2	10 mm	27,2	38,8	24 mm
K- 07 40 04 54	Rc 1/2	12 mm	29,6	40,5	24 mm
K- 07 40 04 55	Rc 1/2	16 mm	32,5	43,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERIGKDREH>

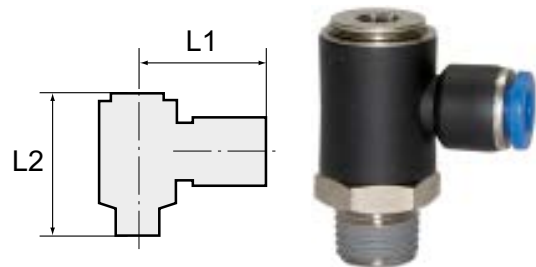
K-L-STECKVER ISK DREH AG-K

3

## Banjo elbows with inner hex, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



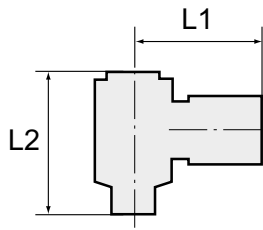
**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K- 07 40 05 10	R 1/8	4 mm	4,0	22,5	29,0	14 mm
K- 07 40 05 11	R 1/8	6 mm	4,0	21,5	29,0	14 mm
K- 07 40 05 12	R 1/8	8 mm	4,0	24,5	29,0	14 mm
K- 07 40 05 07	R 1/4	4 mm	4,0	24,5	38,0	17 mm
K- 07 40 05 08	R 1/4	6 mm	6,0	23,5	38,0	17 mm
K- 07 40 05 09	R 1/4	8 mm	6,0	26,5	38,0	17 mm
K- 07 40 05 05	R 1/4	10 mm	6,0	29,9	38,0	17 mm
K- 07 40 05 06	R 1/4	12 mm	6,0	30,8	38,0	17 mm
K- 07 40 05 15	R 3/8	8 mm	8,0	28,5	40,7	20 mm
K- 07 40 05 13	R 3/8	10 mm	8,0	31,9	40,7	20 mm
K- 07 40 05 14	R 3/8	12 mm	8,0	32,8	40,7	20 mm
K- 07 40 42 41	R 1/2	10 mm	8,0	34,7	45,2	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERISKDREHAGK>

**K-L-STECKVER ISK DREH AG OR**

Banjo elbows with inner hex, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

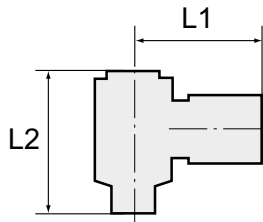
**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 05 91	G 1/8	4 mm	4,0	22,5	28,5	14 mm
K-07 40 05 92	G 1/8	6 mm	4,0	21,5	28,5	14 mm
K-07 40 05 93	G 1/8	8 mm	4,0	24,5	28,5	14 mm
K-07 40 05 89	G 1/4	6 mm	6,0	23,5	36,5	17 mm
K-07 40 05 90	G 1/4	8 mm	6,0	26,5	36,5	17 mm
K-07 40 05 87	G 1/4	10 mm	6,0	29,9	36,5	17 mm
K-07 40 05 88	G 1/4	12 mm	6,0	30,8	36,5	17 mm
K-07 40 05 96	G 3/8	8 mm	8,0	28,5	39,2	20 mm
K-07 40 05 94	G 3/8	10 mm	8,0	31,9	39,2	20 mm
K-07 40 05 95	G 3/8	12 mm	8,0	32,8	39,2	20 mm
K-07 40 42 65	G 1/2	12 mm	8,0	35,4	42,7	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERISKDREHAGOR>

**K-L-STECKVER SK DREH AG OR**

Male elbows with outer hex, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 04 03	M 5	4 mm	20,0	17,2	8 mm
K-07 40 04 04	M 5	6 mm	21,7	17,2	8 mm
K-07 40 04 15	G 1/8	4 mm	22,3	23,5	10 mm
K-07 40 04 16	G 1/8	6 mm	22,9	23,5	10 mm
K-07 40 04 17	G 1/8	8 mm	25,3	23,5	10 mm
K-07 40 04 14	G 1/8	10 mm	30,2	23,5	10 mm
K-07 40 04 11	G 1/4	4 mm	24,0	26,0	14 mm
K-07 40 04 12	G 1/4	6 mm	24,9	26,0	14 mm
K-07 40 04 13	G 1/4	8 mm	28,4	26,0	14 mm
K-07 40 04 09	G 1/4	10 mm	32,0	26,0	14 mm
K-07 40 04 10	G 1/4	12 mm	32,0	26,0	14 mm
K-07 40 04 20	G 3/8	6 mm	26,6	31,7	19 mm
K-07 40 04 21	G 3/8	8 mm	29,3	31,7	19 mm
K-07 40 04 18	G 3/8	10 mm	32,5	31,7	19 mm
K-07 40 04 19	G 3/8	12 mm	35,3	31,7	19 mm
K-07 40 04 07	G 1/2	6 mm	29,6	36,6	24 mm



(Continued)

## K-L-STECKVER SK DREH AG OR

## Male elbows with outer hex, swivel type, parallel male thread with O-ring

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 04 08	G 1/2	8 mm	32,3	36,6	24 mm
K-07 40 04 05	G 1/2	10 mm	35,5	36,6	24 mm
K-07 40 04 06	G 1/2	12 mm	36,3	36,6	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERSKDREHAGOR>

## K-L-STECKVER SK DREH AG-K

## Banjo elbows with outer hex, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

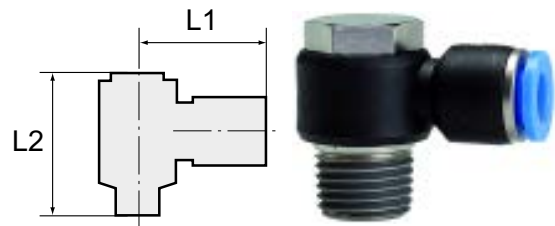
**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

**Note:** Further information on request

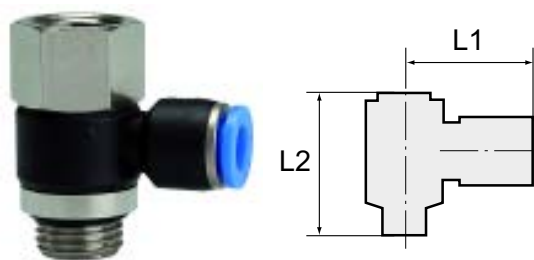


Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 09 52	R 1/8	4 mm	22,3	23,5	10 mm
K-07 40 09 53	R 1/8	6 mm	22,9	23,5	10 mm
K-07 40 09 54	R 1/8	8 mm	25,3	23,5	10 mm
K-07 40 09 50	R 1/4	6 mm	24,9	26,3	14 mm
K-07 40 09 51	R 1/4	8 mm	28,4	26,3	14 mm
K-07 40 09 49	R 1/4	10 mm	32,0	26,3	14 mm
K-07 40 43 51	R 1/4	12 mm	33,2	26,3	14 mm
K-07 40 09 57	R 3/8	6 mm	26,6	31,9	19 mm
K-07 40 09 58	R 3/8	8 mm	29,3	31,9	19 mm
K-07 40 09 55	R 3/8	10 mm	32,5	31,9	19 mm
K-07 40 09 56	R 3/8	12 mm	35,3	31,9	19 mm
K-07 40 09 48	R 1/2	8 mm	32,3	38,6	24 mm
K-07 40 09 46	R 1/2	10 mm	35,5	38,6	24 mm
K-07 40 09 47	R 1/2	12 mm	36,3	38,6	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERSKDREHAGK>

### K-L-STECKVER DREH IG AG OR

Male elbows, swivel type, parallel male and female threads with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

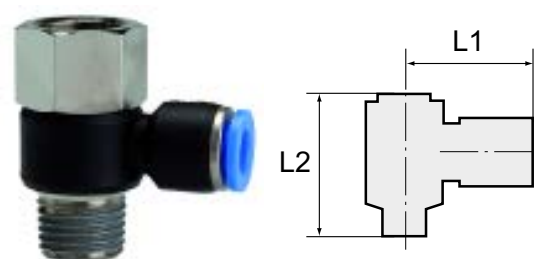
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 09 76	M 5	4 mm	20,0	19,5	10 mm
K-07 40 09 77	M 5	6 mm	21,9	19,5	10 mm
K-07 40 09 88	G 1/8	4 mm	22,3	29,5	14 mm
K-07 40 09 89	G 1/8	6 mm	22,8	29,5	14 mm
K-07 40 09 90	G 1/8	8 mm	25,2	29,5	14 mm
K-07 40 09 87	G 1/8	10 mm	30,2	29,5	17 mm
K-07 40 09 84	G 1/4	4 mm	24,1	34,0	17 mm
K-07 40 09 85	G 1/4	6 mm	24,9	34,0	17 mm
K-07 40 09 86	G 1/4	8 mm	28,3	34,0	17 mm
K-07 40 09 82	G 1/4	10 mm	32,0	34,0	17 mm
K-07 40 09 83	G 1/4	12 mm	32,4	34,0	21 mm
K-07 40 09 93	G 3/8	6 mm	26,5	40,2	21 mm
K-07 40 09 94	G 3/8	8 mm	29,2	40,2	21 mm
K-07 40 09 91	G 3/8	10 mm	32,5	40,2	21 mm
K-07 40 09 92	G 3/8	12 mm	35,3	40,2	21 mm
K-07 40 09 80	G 1/2	6 mm	29,5	45,5	24 mm
K-07 40 09 81	G 1/2	8 mm	32,2	45,5	24 mm
K-07 40 09 78	G 1/2	10 mm	35,5	45,5	24 mm
K-07 40 09 79	G 1/2	12 mm	36,3	45,5	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHIGAGOR>

### K-L-STECKVER DREH IG AG-K

Male elbows, swivel type, conical male and female threads, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 09 69	R/Rc 1/8	4 mm	22,3	29,5	14 mm
K-07 40 09 70	R/Rc 1/8	6 mm	23,1	29,5	14 mm
K-07 40 09 71	R/Rc 1/8	8 mm	25,6	29,5	14 mm
K-07 40 09 68	R/Rc 1/8	10 mm	30,1	29,5	14 mm
K-07 40 09 65	R/Rc 1/4	4 mm	24,1	34,3	17 mm
K-07 40 09 66	R/Rc 1/4	6 mm	25,1	34,3	17 mm
K-07 40 09 67	R/Rc 1/4	8 mm	28,6	34,3	17 mm
K-07 40 09 63	R/Rc 1/4	10 mm	32,3	34,3	17 mm



(Continued)

## K-L-STECKVER DREH IG AG-K

## Male elbows, swivel type, conical male and female threads, coated

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 09 64	R/Rc 1/4	12 mm	33,5	34,3	17 mm
K- 07 40 09 74	R/Rc 3/8	6 mm	26,8	40,4	21 mm
K- 07 40 09 75	R/Rc 3/8	8 mm	29,6	40,4	21 mm
K- 07 40 09 72	R/Rc 3/8	10 mm	32,9	40,4	21 mm
K- 07 40 09 73	R/Rc 3/8	12 mm	35,6	40,4	21 mm
K- 07 40 09 61	R/Rc 1/2	6 mm	29,8	47,5	24 mm
K- 07 40 09 62	R/Rc 1/2	8 mm	32,6	47,5	24 mm
K- 07 40 09 59	R/Rc 1/2	10 mm	35,9	47,5	24 mm
K- 07 40 09 60	R/Rc 1/2	12 mm	36,6	47,5	24 mm

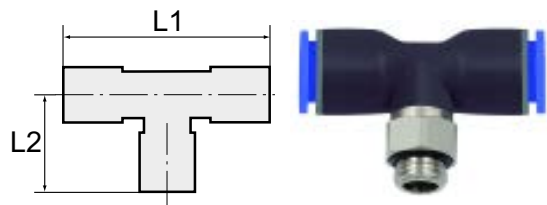
**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHIGAGK>

## K-T-STECKVERS DRE AG OR 2

## Male branch tees, swivel type, parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



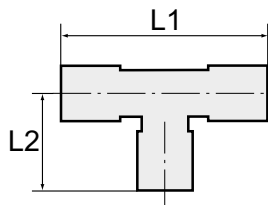
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 02 59	M 5	4 mm	36,0	21,1	8 mm
K- 07 40 02 60	M 5	6 mm	40,0	22,2	8 mm
K- 07 40 02 71	G 1/8	4 mm	36,0	19,0	14 mm
K- 07 40 02 72	G 1/8	6 mm	40,0	20,1	14 mm
K- 07 40 02 73	G 1/8	8 mm	45,4	25,7	14 mm
K- 07 40 02 68	G 1/4	4 mm	36,0	19,0	17 mm
K- 07 40 02 69	G 1/4	6 mm	40,0	20,1	17 mm
K- 07 40 02 70	G 1/4	8 mm	45,4	21,7	17 mm
K- 07 40 02 66	G 1/4	10 mm	53,8	27,6	17 mm
K- 07 40 02 67	G 1/4	12 mm	58,6	28,9	17 mm
K- 07 40 02 77	G 3/8	6 mm	40,0	21,2	20 mm
K- 07 40 02 78	G 3/8	8 mm	45,4	22,8	20 mm
K- 07 40 02 74	G 3/8	10 mm	53,8	24,6	20 mm
K- 07 40 02 75	G 3/8	12 mm	58,6	25,9	20 mm
K- 07 40 02 76	G 3/8	16 mm	69,0	34,2	20 mm
K- 07 40 02 64	G 1/2	6 mm	40,0	23,6	24 mm
K- 07 40 02 65	G 1/2	8 mm	45,4	25,2	24 mm
K- 07 40 02 61	G 1/2	10 mm	53,8	26,5	24 mm
K- 07 40 02 62	G 1/2	12 mm	58,6	27,8	24 mm
K- 07 40 02 63	G 1/2	16 mm	69,0	30,9	24 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGOR2>

### K-T-STECK VERS DRE AG-K BE

#### Male branch tees, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

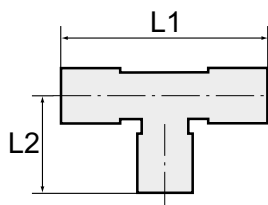
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 02 89	R 1/8	4 mm	36,0	21,0	10 mm
K-07 40 02 90	R 1/8	6 mm	40,0	22,1	10 mm
K-07 40 02 91	R 1/8	8 mm	45,4	26,6	10 mm
K-07 40 02 86	R 1/4	4 mm	36,0	22,5	14 mm
K-07 40 02 87	R 1/4	6 mm	40,0	23,6	14 mm
K-07 40 02 88	R 1/4	8 mm	45,4	25,2	14 mm
K-07 40 02 84	R 1/4	10 mm	53,8	29,6	17 mm
K-07 40 02 85	R 1/4	12 mm	58,6	30,9	17 mm
K-07 40 02 95	R 3/8	6 mm	40,0	25,1	17 mm
K-07 40 02 96	R 3/8	8 mm	45,4	26,7	17 mm
K-07 40 02 92	R 3/8	10 mm	53,8	28,1	17 mm
K-07 40 02 93	R 3/8	12 mm	58,6	29,4	17 mm
K-07 40 02 94	R 3/8	16 mm	69,0	36,2	20 mm
K-07 40 02 82	R 1/2	6 mm	40,0	28,1	21 mm
K-07 40 02 83	R 1/2	8 mm	45,4	29,7	21 mm
K-07 40 02 79	R 1/2	10 mm	53,8	31,1	21 mm
K-07 40 02 80	R 1/2	12 mm	58,6	32,4	21 mm
K-07 40 02 81	R 1/2	16 mm	69,0	39,2	21 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGKBE>

### K-T-STECK VERS DREH IG

#### Male branch tees with female thread, swivel type



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 42 12	M 5	4 mm	37,6	19,5	10 mm
K-07 40 42 13	M 5	6 mm	38,6	22,0	12 mm
K-07 40 42 19	G 1/8	4 mm	37,6	24,0	14 mm
K-07 40 42 20	G 1/8	6 mm	38,6	24,7	14 mm
K-07 40 42 21	G 1/8	8 mm	44,9	27,3	14 mm
K-07 40 42 17	G 1/4	6 mm	38,6	28,0	17 mm
K-07 40 42 18	G 1/4	8 mm	44,9	30,3	17 mm
K-07 40 42 15	G 1/4	10 mm	57,0	35,0	17 mm
K-07 40 42 16	G 1/4	4 mm	37,6	27,0	17 mm
K-07 40 42 23	G 3/8	6 mm	38,6	29,0	21 mm



(Continued)

**K-T-STECK VERS DREH IG**

Male branch tees with female thread, swivel type

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 42 24	G 3/8	8 mm	44,9	32,0	21 mm
K-07 40 42 22	G 3/8	10 mm	57,0	37,0	21 mm
K-07 40 42 14	G 1/2	10 mm	57,0	39,5	24 mm

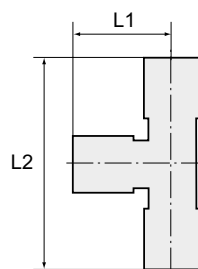
**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREHIG>

**K-L-STECK VERS DER AG OR 1**

Male branch tees, angled plug connections, swivel type, parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



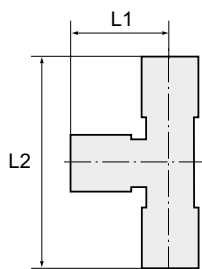
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 02 18	M 5	4 mm	18,0	37,2	8 mm
K-07 40 02 19	M 5	6 mm	20,1	40,2	8 mm
K-07 40 02 32	G 1/8	4 mm	18,0	35,1	14 mm
K-07 40 02 33	G 1/8	6 mm	20,1	38,1	14 mm
K-07 40 02 34	G 1/8	8 mm	22,7	45,2	14 mm
K-07 40 02 30	G 1/8	10 mm	26,9	51,3	17 mm
K-07 40 02 31	G 1/8	12 mm	29,3	54,9	17 mm
K-07 40 02 27	G 1/4	4 mm	18,0	35,1	17 mm
K-07 40 02 28	G 1/4	6 mm	20,1	38,1	17 mm
K-07 40 02 29	G 1/4	8 mm	22,7	41,2	17 mm
K-07 40 02 25	G 1/4	10 mm	26,9	52,3	17 mm
K-07 40 02 26	G 1/4	12 mm	29,3	55,9	17 mm
K-07 40 02 38	G 3/8	6 mm	20,1	39,2	20 mm
K-07 40 02 39	G 3/8	8 mm	22,7	42,3	20 mm
K-07 40 02 35	G 3/8	10 mm	26,9	49,3	20 mm
K-07 40 02 36	G 3/8	12 mm	29,3	52,9	20 mm
K-07 40 02 37	G 3/8	16 mm	34,5	66,2	20 mm
K-07 40 02 23	G 1/2	6 mm	20,1	43,6	24 mm
K-07 40 02 24	G 1/2	8 mm	22,7	44,7	24 mm
K-07 40 02 20	G 1/2	10 mm	26,9	51,2	24 mm
K-07 40 02 21	G 1/2	12 mm	29,3	54,8	24 mm
K-07 40 02 22	G 1/2	16 mm	34,5	62,9	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERS DER AG OR 1>

**K-L-STECK VERS DER AG-K BE**

Male branch tees, angled plug connections, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

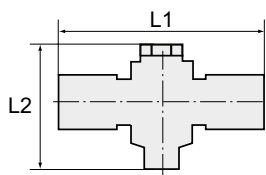
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 02 51	R 1/8	4 mm	18,0	37,1	10 mm
K-07 40 02 52	R 1/8	6 mm	20,1	40,1	10 mm
K-07 40 02 53	R 1/8	8 mm	22,7	46,1	10 mm
K-07 40 02 50	R 1/8	10 mm	26,9	52,3	17 mm
K-07 40 02 47	R 1/4	4 mm	18,0	38,6	14 mm
K-07 40 02 48	R 1/4	6 mm	20,1	41,6	14 mm
K-07 40 02 49	R 1/4	8 mm	22,7	44,7	14 mm
K-07 40 02 45	R 1/4	10 mm	26,9	54,3	17 mm
K-07 40 02 46	R 1/4	12 mm	29,3	57,9	17 mm
K-07 40 02 57	R 3/8	6 mm	20,1	43,1	17 mm
K-07 40 02 58	R 3/8	8 mm	22,7	46,2	17 mm
K-07 40 02 54	R 3/8	10 mm	26,9	52,8	17 mm
K-07 40 02 55	R 3/8	12 mm	29,3	56,4	17 mm
K-07 40 02 56	R 3/8	16 mm	34,5	68,2	20 mm
K-07 40 02 43	R 1/2	6 mm	20,1	46,1	21 mm
K-07 40 02 44	R 1/2	8 mm	22,7	49,2	21 mm
K-07 40 02 40	R 1/2	10 mm	26,9	55,8	21 mm
K-07 40 02 41	R 1/2	12 mm	29,3	59,4	21 mm
K-07 40 02 42	R 1/2	16 mm	34,5	71,2	21 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERSDERAGKBE>

**K-T-STECK VERS ISK DREH AG OR1**

Male branch tees with inner hex, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 06 21	G 1/8	4 mm	4,0	45,0	28,5	14 mm
K-07 40 06 22	G 1/8	6 mm	4,0	42,6	28,5	14 mm
K-07 40 06 23	G 1/8	8 mm	4,0	48,5	28,5	14 mm
K-07 40 06 19	G 1/4	6 mm	6,0	46,7	37,5	17 mm
K-07 40 06 20	G 1/4	8 mm	6,0	52,5	37,5	17 mm
K-07 40 06 17	G 1/4	10 mm	6,0	59,6	37,5	17 mm
K-07 40 06 18	G 1/4	12 mm	6,0	60,7	37,5	17 mm
K-07 40 06 26	G 3/8	8 mm	8,0	56,3	39,2	20 mm

(Continued)

## K-T-STECK VERS ISK DREH AG OR1

## Male branch tees with inner hex, swivel type, parallel male thread with O-ring

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K- 07 40 06 24	G 3/8	10 mm	8,0	63,5	39,2	20 mm
K- 07 40 06 25	G 3/8	12 mm	8,0	64,9	39,2	20 mm

Web: <http://cat.hansa-flex.com/en/KTSTECKVERSISKDREHAGOR1>

## K-T-STECK VERS ISK DREH AG-K

## Male branch tees with inner hex, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

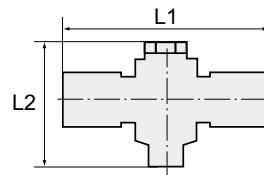
**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

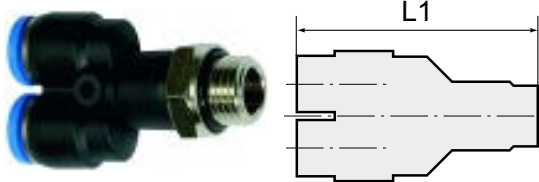
**Note:** Further information on request



3

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K- 07 40 05 41	R 1/8	4 mm	4,0	45,0	29,0	14 mm
K- 07 40 05 42	R 1/8	6 mm	4,0	42,6	29,0	14 mm
K- 07 40 05 43	R 1/8	8 mm	4,0	48,5	29,0	14 mm
K- 07 40 05 39	R 1/4	6 mm	6,0	46,7	38,0	17 mm
K- 07 40 05 40	R 1/4	8 mm	6,0	52,5	38,0	17 mm
K- 07 40 05 37	R 1/4	10 mm	6,0	59,6	38,0	17 mm
K- 07 40 05 38	R 1/4	12 mm	6,0	61,2	38,0	17 mm
K- 07 40 05 46	R 3/8	8 mm	8,0	56,3	39,7	20 mm
K- 07 40 05 44	R 3/8	10 mm	8,0	63,5	39,7	20 mm
K- 07 40 05 45	R 3/8	12 mm	8,0	64,9	39,7	20 mm

Web: <http://cat.hansa-flex.com/en/KTSTECKVERSISKDREHAGK>

**K-Y-STECK VERSCH DREH AG OR****Male branch Y-fittings, swivel type, parallel male thread with O-ring**

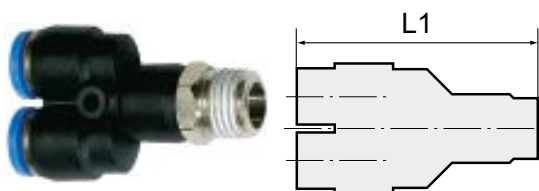
Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF	Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 02 97	M 5	4 mm	39,5	10 mm	K-07 40 03 05	G 1/4	12 mm	59,4	21 mm
K-07 40 02 98	M 5	6 mm	40,0	12 mm	K-07 40 03 17	G 3/8	6 mm	46,5	14 mm
K-07 40 03 11	G 1/8	4 mm	42,5	12 mm	K-07 40 03 18	G 3/8	8 mm	49,3	17 mm
K-07 40 03 12	G 1/8	6 mm	43,5	14 mm	K-07 40 03 14	G 3/8	10 mm	58,0	20 mm
K-07 40 03 13	G 1/8	8 mm	46,3	14 mm	K-07 40 03 15	G 3/8	12 mm	60,4	21 mm
K-07 40 03 09	G 1/8	10 mm	55,5	17 mm	K-07 40 03 16	G 3/8	16 mm	69,0	24 mm
K-07 40 03 10	G 1/8	12 mm	58,4	21 mm	K-07 40 03 02	G 1/2	6 mm	49,0	14 mm
K-07 40 03 06	G 1/4	4 mm	44,0	12 mm	K-07 40 03 03	G 1/2	8 mm	52,8	17 mm
K-07 40 03 07	G 1/4	6 mm	45,0	14 mm	K-07 40 02 99	G 1/2	10 mm	61,5	19 mm
K-07 40 03 08	G 1/4	8 mm	47,8	17 mm	K-07 40 03 00	G 1/2	12 mm	63,9	24 mm
K-07 40 03 04	G 1/4	10 mm	56,5	17 mm	K-07 40 03 01	G 1/2	16 mm	72,5	24 mm

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVERSCHDREHAGOR>

**K-Y-STECK VERSCH DREH AG-K****Male branch Y-fittings, swivel type, conical male thread, coated**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF	Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 03 31	R 1/8	4 mm	42,0	10 mm	K-07 40 03 37	R 3/8	6 mm	47,5	17 mm
K-07 40 03 32	R 1/8	6 mm	43,5	12 mm	K-07 40 03 38	R 3/8	8 mm	50,3	17 mm
K-07 40 03 33	R 1/8	8 mm	46,8	14 mm	K-07 40 03 34	R 3/8	10 mm	59,0	17 mm
K-07 40 03 29	R 1/8	10 mm	56,0	17 mm	K-07 40 03 35	R 3/8	12 mm	62,8	21 mm
K-07 40 03 30	R 1/8	12 mm	59,8	21 mm	K-07 40 03 36	R 3/8	16 mm	72,0	24 mm
K-07 40 03 26	R 1/4	4 mm	45,0	14 mm	K-07 40 03 22	R 1/2	6 mm	51,0	21 mm
K-07 40 03 27	R 1/4	6 mm	46,0	14 mm	K-07 40 03 23	R 1/2	8 mm	53,8	21 mm
K-07 40 03 28	R 1/4	8 mm	48,8	14 mm	K-07 40 03 19	R 1/2	10 mm	62,5	21 mm
K-07 40 03 24	R 1/4	10 mm	58,0	17 mm	K-07 40 03 20	R 1/2	12 mm	65,8	21 mm
K-07 40 03 25	R 1/4	12 mm	61,8	21 mm	K-07 40 03 21	R 1/2	16 mm	75,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVERSCHDREHAGK>

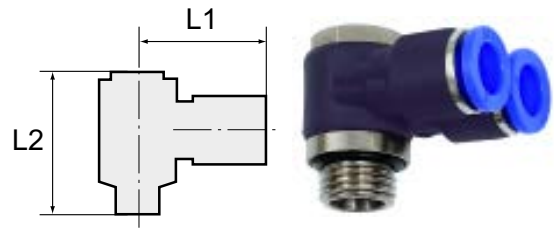


### K-Y-WINKELVERSCH DRE AG OR

#### Male branch Y-elbows with outer hex, swivel type, parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 43 07	M 5	4 mm	24,0	22,0	12 mm
K- 07 40 43 10	G 1/8	6 mm	24,0	25,0	12 mm
K- 07 40 43 09	G 1/4	8 mm	28,5	28,8	14 mm
K- 07 40 43 11	G 3/8	10 mm	33,7	34,8	19 mm
K- 07 40 43 08	G 1/2	12 mm	37,5	42,1	24 mm

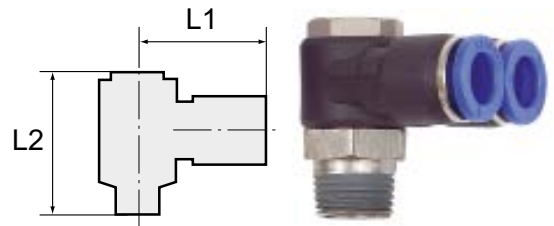
**Web:** <http://cat.hansa-flex.com/en/KYWINKELVERSCHDREAGOR>

### K-Y-WINKELVERSCH DRE AG-K

#### Male branch Y-elbows with outer hex, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



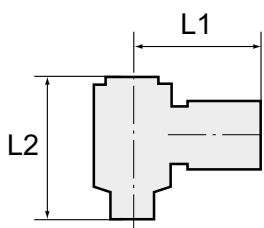
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 43 14	R 1/8	6 mm	24,0	25,0	12 mm
K- 07 40 43 13	R 1/4	8 mm	28,5	28,8	14 mm
K- 07 40 43 15	R 3/8	10 mm	33,7	34,8	19 mm
K- 07 40 43 12	R 1/2	12 mm	37,5	42,1	24 mm

**Web:** <http://cat.hansa-flex.com/en/KYWINKELVERSCHDREAGK>

### K-Y-WINKELVERSCH DER IG AG

#### Male branch Y-elbows, swivel type, parallel male and female threads with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

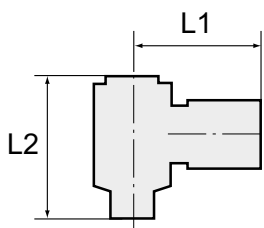
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 43 16	M 5	4 mm	24,0	24,0	14 mm
K-07 40 43 19	G/G 1/8	6 mm	24,0	30,0	14 mm
K-07 40 43 18	G/G 1/4	8 mm	28,5	36,5	17 mm
K-07 40 43 20	G/G 3/8	10 mm	33,7	43,0	21 mm
K-07 40 43 17	G/G 1/2	12 mm	37,5	51,6	24 mm

**Web:** <http://cat.hansa-flex.com/en/KYWINKELVERSCHDERIGAG>

### K-Y-WINKELVERSCH DER IG AG-K

#### Male branch Y-elbows, swivel type, parallel female thread and conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

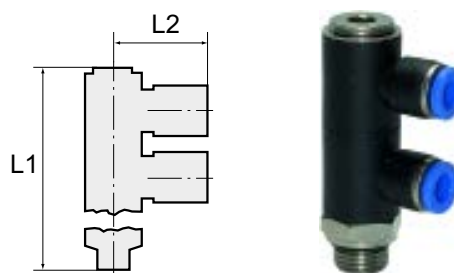
Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 43 23	G/R 1/8	6 mm	24,0	30,5	14 mm
K-07 40 43 22	G/R 1/4	8 mm	28,5	36,0	17 mm
K-07 40 43 24	G/R 3/8	10 mm	33,7	42,3	21 mm
K-07 40 43 21	G/R 1/2	12 mm	37,5	51,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KYWINKELVERSCHDERIGAGK>

**K-L-MEHRFACHVERT 2 DR AGR OR****Multiple union elbows with outer hex, 2 outlets, swivel type, parallel male thread with O-ring**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

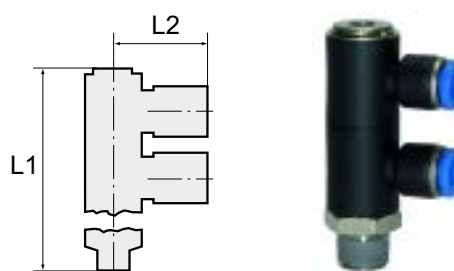
Identification	Thread	for external hose Ø	hexagon socket	L1	L2	AF
			mm	mm	mm	
K-07 40 06 01	G 1/8	4 mm	4,0	43,8	22,5	14 mm
K-07 40 06 02	G 1/8	6 mm	4,0	43,8	21,5	14 mm
K-07 40 06 03	G 1/8	8 mm	4,0	43,8	24,5	14 mm
K-07 40 42 72	G 1/4	4 mm	6,0	58,0	24,7	17 mm
K-07 40 05 99	G 1/4	6 mm	6,0	58,0	23,5	17 mm
K-07 40 06 00	G 1/4	8 mm	6,0	58,0	26,5	17 mm
K-07 40 05 97	G 1/4	10 mm	6,0	58,0	29,9	17 mm
K-07 40 05 98	G 1/4	12 mm	6,0	58,0	30,8	17 mm
K-07 40 42 73	G 3/8	4 mm	8,0	59,5	24,5	20 mm
K-07 40 42 74	G 3/8	6 mm	8,0	59,5	23,6	20 mm
K-07 40 06 06	G 3/8	8 mm	8,0	60,7	28,5	20 mm
K-07 40 06 04	G 3/8	10 mm	8,0	60,7	31,9	20 mm
K-07 40 06 05	G 3/8	12 mm	8,0	60,7	32,8	20 mm
K-07 40 42 71	G 1/2	8 mm	8,0	64,2	28,5	24 mm
K-07 40 42 69	G 1/2	10 mm	8,0	64,2	34,7	24 mm
K-07 40 42 70	G 1/2	12 mm	8,0	64,2	35,4	24 mm

**Web:** <http://cat.hansa-flex.com/en/KLMEHRFACHVERT2DRAGROR>

**K-L-MEHRFACHVERT 2 DR AGR-K****Multiple union elbows with inner hex, 2 outlets, swivel type, conical male thread, coated**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket	L1	L2	AF
			mm	mm	mm	
K-07 40 05 21	R 1/8	4 mm	4,0	44,3	22,5	14 mm
K-07 40 05 22	R 1/8	6 mm	4,0	44,3	21,5	14 mm
K-07 40 05 23	R 1/8	8 mm	4,0	44,3	24,5	14 mm
K-07 40 05 18	R 1/4	4 mm	6,0	59,5	24,5	17 mm
K-07 40 05 19	R 1/4	6 mm	6,0	59,5	23,5	17 mm
K-07 40 05 20	R 1/4	8 mm	6,0	59,5	26,5	17 mm
K-07 40 05 16	R 1/4	10 mm	6,0	59,5	29,9	17 mm
K-07 40 05 17	R 1/4	12 mm	6,0	59,5	30,8	17 mm
K-07 40 42 45	R 3/8	4 mm	8,0	61,0	24,5	17 mm
K-07 40 42 46	R 3/8	6 mm	8,0	61,0	23,6	17 mm
K-07 40 05 26	R 3/8	8 mm	8,0	62,2	28,5	20 mm
K-07 40 05 24	R 3/8	10 mm	8,0	62,2	31,9	20 mm
K-07 40 05 25	R 3/8	12 mm	8,0	66,2	32,8	20 mm



### K-L-MEHRFACHVERT 2 DR AGR-K

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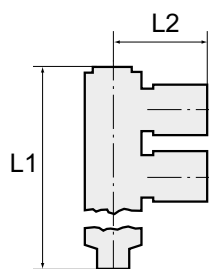
Multiple union elbows with inner hex, 2 outlets, swivel type, conical male thread, coated

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 42 44	R 1/2	8 mm	8,0	66,7	28,5	24 mm
K-07 40 42 42	R 1/2	10 mm	8,0	66,7	34,7	24 mm
K-07 40 42 43	R 1/2	12 mm	8,0	66,7	35,4	24 mm

Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT2DRAGRK>

### K-L-MEHRFACHVERT 3 DR AGR OR

Multiple union elbows with inner hex, 3 outlets, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

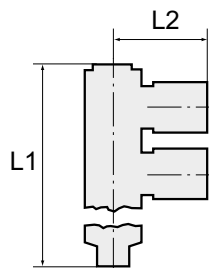
Note: Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 06 11	G 1/8	4 mm	4,0	59,1	22,5	14 mm
K-07 40 06 12	G 1/8	6 mm	4,0	59,1	21,5	14 mm
K-07 40 06 13	G 1/8	8 mm	4,0	59,1	24,5	14 mm
K-07 40 06 09	G 1/4	6 mm	6,0	79,5	23,5	17 mm
K-07 40 06 10	G 1/4	8 mm	6,0	79,5	26,5	17 mm
K-07 40 06 07	G 1/4	10 mm	6,0	79,5	29,9	17 mm
K-07 40 06 08	G 1/4	12 mm	6,0	79,5	30,8	17 mm
K-07 40 06 16	G 3/8	8 mm	8,0	82,2	28,5	20 mm
K-07 40 06 14	G 3/8	10 mm	8,0	82,2	31,9	20 mm
K-07 40 06 15	G 3/8	12 mm	8,0	82,2	32,8	20 mm

Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT3DRAGROR>

### K-L-MEHRFACHVERT 3 DR AGR-K

Multiple union elbows with inner hex, 3 outlets, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 05 31	R 1/8	4 mm	4,0	59,6	22,5	14 mm
K-07 40 05 32	R 1/8	6 mm	4,0	59,6	21,5	14 mm
K-07 40 05 33	R 1/8	8 mm	4,0	59,6	24,5	14 mm
K-07 40 05 29	R 1/4	6 mm	6,0	81,0	23,5	17 mm
K-07 40 05 30	R 1/4	8 mm	6,0	81,0	26,5	17 mm



(Continued)

**K-L-MEHRFACHVERT 3 DR AGR-K**

Multiple union elbows with inner hex, 3 outlets, swivel type, conical male thread, coated

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K- 07 40 05 27	R 1/4	10 mm	6,0	81,0	29,9	17 mm
K- 07 40 05 28	R 1/4	12 mm	6,0	81,0	30,8	17 mm
K- 07 40 05 36	R 3/8	8 mm	8,0	83,7	28,5	20 mm
K- 07 40 05 34	R 3/8	10 mm	8,0	83,7	31,9	20 mm
K- 07 40 05 35	R 3/8	12 mm	8,0	83,7	32,8	20 mm

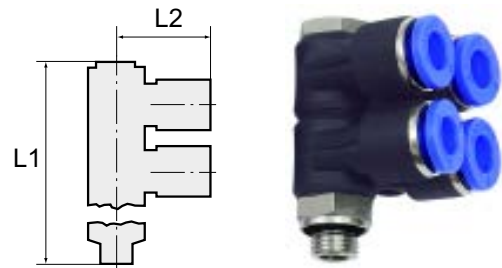
Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT3DRAGRK>

**K-L-MEHRFACHVERT 4 DR AGR OR**

Multiple union elbows with outer hex, 4 outlets, swivel type, parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 43 29	G 1/8	6 mm	41,0	24,0	12 mm
K- 07 40 43 30	G 1/8	8 mm	44,0	28,5	14 mm
K- 07 40 43 27	G 1/4	6 mm	43,0	24,0	14 mm
K- 07 40 43 28	G 1/4	8 mm	46,0	28,5	17 mm
K- 07 40 43 26	G 1/4	10 mm	55,5	33,7	19 mm
K- 07 40 43 31	G 3/8	10 mm	56,5	33,7	19 mm
K- 07 40 43 32	G 3/8	12 mm	63,5	37,5	24 mm
K- 07 40 43 25	G 1/2	12 mm	65,0	37,5	24 mm

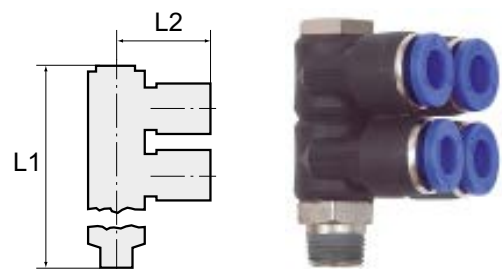
Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT4DRAGROR>

**K-L-MEHRFACHVERT 4 DR AGR-K**

Multiple union elbows with outer hex, 4 outlets, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 43 37	R 1/8	6 mm	38,5	24,0	12 mm
K- 07 40 43 38	R 1/8	8 mm	41,6	28,5	14 mm
K- 07 40 43 35	R 1/4	6 mm	40,5	24,0	14 mm
K- 07 40 43 36	R 1/4	8 mm	43,6	28,5	14 mm
K- 07 40 43 34	R 1/4	10 mm	52,8	33,7	19 mm
K- 07 40 43 39	R 3/8	10 mm	53,8	33,7	19 mm



### K-L-MEHRFACHVERT 4 DR AGR-K

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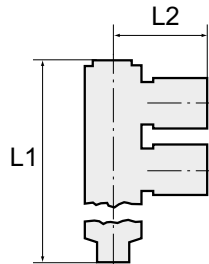
Multiple union elbows with outer hex, 4 outlets, swivel type, conical male thread, coated

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 43 40	R 3/8	12 mm	61,0	37,5	24 mm
K-07 40 43 33	R 1/2	12 mm	64,0	37,5	24 mm

Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT4DRAGRK>

### K-L-MEHRFACHVERT 6 DR AGR OR

Multiple union elbows with outer hex, 6 outlets, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Parallel version: O-ring in housing

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

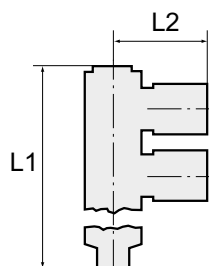
Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 43 62	G 1/8	6 mm	54,5	24,0	14 mm
K-07 40 43 63	G 1/8	8 mm	59,0	28,5	14 mm
K-07 40 43 60	G 1/4	6 mm	56,5	24,0	17 mm
K-07 40 43 61	G 1/4	8 mm	61,0	28,5	17 mm
K-07 40 43 59	G 1/4	10 mm	61,0	33,7	19 mm
K-07 40 43 64	G 3/8	10 mm	74,0	33,7	19 mm
K-07 40 43 65	G 3/8	12 mm	75,0	37,5	24 mm
K-07 40 43 58	G 1/2	12 mm	76,5	37,5	24 mm

Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT6DRAGROR>

### K-L-MEHRFACHVERT 6 DR AGR-K

Multiple union elbows with outer hex, 6 outlets, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 43 70	R 1/8	6 mm	52,0	24,0	12 mm
K-07 40 43 71	R 1/8	8 mm	56,5	28,5	14 mm
K-07 40 43 68	R 1/4	6 mm	54,0	24,0	14 mm
K-07 40 43 69	R 1/4	8 mm	58,5	28,5	14 mm
K-07 40 43 67	R 1/4	10 mm	71,5	33,7	19 mm
K-07 40 43 72	R 3/8	10 mm	72,5	33,7	19 mm
K-07 40 43 73	R 3/8	12 mm	72,5	37,5	24 mm
K-07 40 43 66	R 1/2	12 mm	75,5	37,5	24 mm

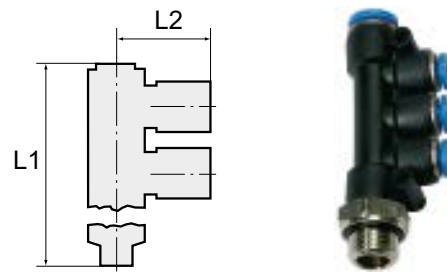
Web: <http://cat.hansa-flex.com/en/KLMEHRFACHVERT6DRAGRK>

### K-T-MEHRF-VERT DREH AG O

#### Tee distributors with parallel male thread, with O-ring, swivel type

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 04 29	G 1/8	1 x 6 mm / 3 x 4 mm	64,3	19,0	14 mm
K- 07 40 42 10	G 1/4	1 x 6 mm / 3 x 4 mm	65,2	19,6	14 mm
K- 07 40 04 27	G 1/4	1 x 8 mm / 3 x 4 mm	69,9	20,0	17 mm
K- 07 40 04 28	G 1/4	1 x 8 mm / 3 x 6 mm	71,4	20,0	17 mm
K- 07 40 42 11	G 3/8	1 x 8 mm / 3 x 6 mm	70,9	20,6	17 mm
K- 07 40 04 30	G 3/8	1 x 10 mm / 3 x 8 mm	91,1	24,0	20 mm

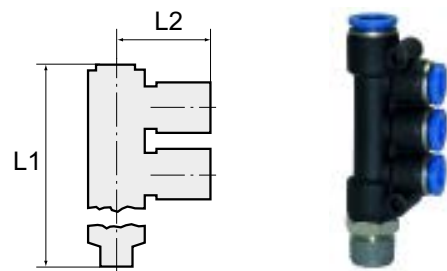
**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERTDREHAGO>

### K-T-MEHRF-VERT DREH AGR-K

#### Tee distributors with conical male thread, coated, swivel type

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



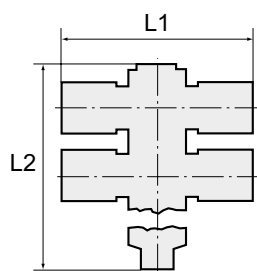
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 06 33	R 1/8	4 x 4 mm	63,5	19,0	10 mm
K- 07 40 06 35	R 1/8	4 x 6 mm	68,0	24,0	12 mm
K- 07 40 06 37	R 1/8	4 x 8 mm	88,0	24,0	14 mm
K- 07 40 06 29	R 1/4	4 x 6 mm	70,5	24,0	12 mm
K- 07 40 06 31	R 1/4	4 x 8 mm	90,0	24,0	14 mm
K- 07 40 06 41	R 3/8	4 x 8 mm	91,5	24,0	14 mm
K- 07 40 06 48	R 1/8	1 x 6 mm / 3 x 4 mm	64,3	19,0	12 mm
K- 07 40 06 45	R 1/4	1 x 8 mm / 3 x 6 mm	70,9	20,3	14 mm
K- 07 40 42 75	R 1/4	1 x 6 mm / 3 x 4 mm	66,2	19,6	14 mm
K- 07 40 42 76	R 1/4	1 x 8 mm / 3 x 4 mm	70,4	20,6	14 mm
K- 07 40 42 77	R 3/8	1 x 8 mm / 3 x 6 mm	71,9	20,6	17 mm
K- 07 40 06 54	R 3/8	1 x 10 mm / 3 x 8 mm	92,1	23,9	17 mm

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERTDREHAGRK>

**K-T-MEHRF-VERT 4 DREH**

Tee distributors with inner hex, 4 outlets, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

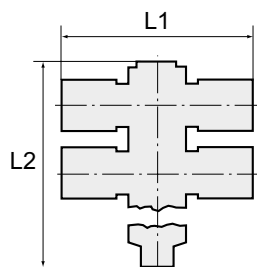
**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 06 60	G 1/8	4 mm	4,0	45,0	43,8	14 mm
K-07 40 06 61	G 1/8	6 mm	4,0	42,6	43,8	14 mm
K-07 40 06 62	G 1/8	8 mm	4,0	48,5	43,8	14 mm
K-07 40 06 58	G 1/4	6 mm	6,0	46,7	58,0	17 mm
K-07 40 06 59	G 1/4	8 mm	6,0	52,5	59,5	17 mm
K-07 40 06 56	G 1/4	10 mm	6,0	59,6	58,0	17 mm
K-07 40 06 57	G 1/4	12 mm	6,0	60,7	59,1	17 mm
K-07 40 06 65	G 3/8	8 mm	8,0	56,7	60,7	20 mm
K-07 40 06 63	G 3/8	10 mm	8,0	63,5	60,7	20 mm
K-07 40 06 64	G 3/8	12 mm	8,0	64,9	60,7	20 mm

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERT4DREH>

**K-T-MEHRF-VERT 4 DREH 1**

Tee distributors with inner hex, 4 outlets, swivel type, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K-07 40 06 34	R 1/8	4 mm	4,0	45,0	44,3	14 mm
K-07 40 06 36	R 1/8	6 mm	4,0	42,6	44,3	14 mm
K-07 40 06 38	R 1/8	8 mm	4,0	48,5	44,3	14 mm
K-07 40 06 30	R 1/4	6 mm	6,0	46,7	59,5	17 mm
K-07 40 06 32	R 1/4	8 mm	6,0	52,5	59,5	17 mm
K-07 40 06 27	R 1/4	10 mm	6,0	59,6	59,5	17 mm
K-07 40 06 28	R 1/4	12 mm	6,0	61,2	59,5	17 mm
K-07 40 06 42	R 3/8	8 mm	8,0	56,7	61,2	20 mm
K-07 40 06 39	R 3/8	10 mm	8,0	63,5	61,2	20 mm
K-07 40 06 40	R 3/8	12 mm	8,0	64,9	61,2	20 mm

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERT4DREH1>



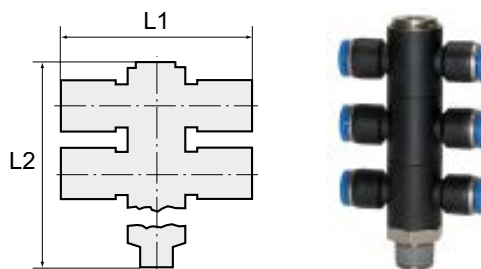
## K-T-MEHRF-VERT 6 DREH

## Tee distributors with inner hex, 6 outlets, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

<b>Working pressure:</b>	Max. 15 bar, coarse vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air and all gases or liquids that are compatible with the materials
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Sealing surface:</b>	Conical version: thread coating
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request



Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K- 07 40 06 49	R 1/8	4 mm	4,0	45,0	59,6	14 mm
K- 07 40 06 50	R 1/8	6 mm	4,0	43,0	59,6	14 mm
K- 07 40 06 51	R 1/8	8 mm	4,0	49,0	59,6	14 mm
K- 07 40 06 46	R 1/4	6 mm	6,0	47,0	81,0	17 mm
K- 07 40 06 47	R 1/4	8 mm	6,0	52,0	81,0	17 mm
K- 07 40 06 43	R 1/4	10 mm	6,0	59,8	81,0	17 mm
K- 07 40 06 44	R 1/4	12 mm	6,0	61,6	81,0	17 mm
K- 07 40 06 55	R 3/8	8 mm	8,0	57,0	83,7	20 mm
K- 07 40 06 52	R 3/8	10 mm	8,0	63,8	83,7	20 mm
K- 07 40 06 53	R 3/8	12 mm	8,0	65,6	83,7	20 mm

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERT6DREH>

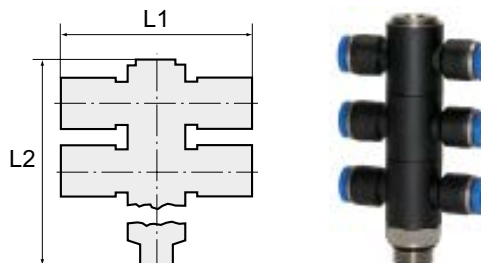
## K-T-MEHRF-VERT 6 DREH 1

## Tee distributors with inner hex, 6 outlets, swivel type, parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

<b>Working pressure:</b>	Max. 15 bar, coarse vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air and all gases or liquids that are compatible with the materials
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Sealing surface:</b>	Parallel version: O-ring in housing
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request

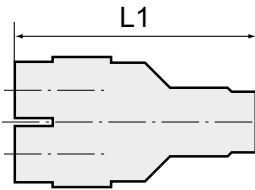


Identification	Thread	for external hose Ø	hexagon socket mm	L1 mm	L2 mm	AF
K- 07 40 06 70	G 1/8	4 mm	4,0	45,0	59,1	14 mm
K- 07 40 06 71	G 1/8	6 mm	4,0	42,6	59,1	14 mm
K- 07 40 06 72	G 1/8	8 mm	4,0	48,5	59,1	14 mm
K- 07 40 06 68	G 1/4	6 mm	6,0	46,7	80,5	17 mm
K- 07 40 06 69	G 1/4	8 mm	6,0	52,5	80,5	17 mm
K- 07 40 06 66	G 1/4	10 mm	6,0	59,6	80,5	17 mm
K- 07 40 06 67	G 1/4	12 mm	6,0	61,2	80,5	17 mm
K- 07 40 06 75	G 3/8	8 mm	8,0	56,7	82,2	20 mm
K- 07 40 06 73	G 3/8	10 mm	8,0	63,5	82,2	20 mm
K- 07 40 06 74	G 3/8	12 mm	8,0	64,9	82,2	20 mm

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFVERT6DREH1>

**K-MEHRFACHVERT AG 4 1**

Distributors with male thread, 4 outlets, swivel type, parallel male thread with O-ring (max. 10 bar)



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

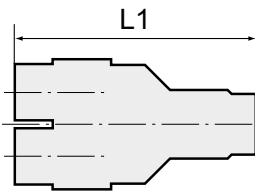
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm
K-07 40 43 43	G 1/8	4 mm	43,0
K-07 40 43 44	G 1/8	6 mm	46,5
K-07 40 43 41	G 1/4	4 mm	45,5
K-07 40 43 42	G 1/4	6 mm	49,0

**Web:** <http://cat.hansa-flex.com/en/KMEHRFACHVERTAG41>

**K-MEHRFACHVERT AG 4**

Distributors with male thread, 4 outlets, swivel type, conical male thread, coated (Druck max. 10 bar)



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

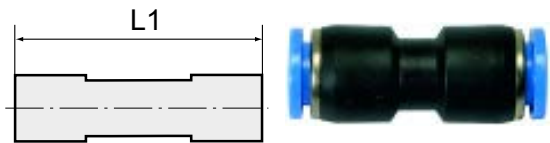
Identification	Thread	for external hose Ø	L1 mm
K-07 40 43 47	R 1/8	4 mm	43,0
K-07 40 43 48	R 1/8	6 mm	46,5
K-07 40 43 45	R 1/4	4 mm	45,5
K-07 40 43 46	R 1/4	6 mm	49,0

**Web:** <http://cat.hansa-flex.com/en/KMEHRFACHVERTAG4>

**K-STECKVERBINDU 10BAR****Straight push-in connector (pressure max. 10 bar)**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

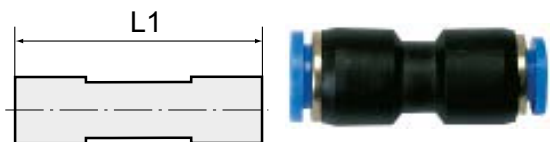
Identification	for external hose Ø	L1 mm
K- 07 40 03 39	4 mm	33,0
K- 07 40 03 40	6 mm	34,6
K- 07 40 03 41	8 mm	38,5
K- 07 40 03 42	10 mm	47,0
K- 07 40 03 43	12 mm	48,6
K- 07 40 41 32	14 mm	48,7
K- 07 40 03 44	16 mm	49,8

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDU10BAR>

**K-STECKVERBINDU RED 10BAR****Reducers (pressure max. 10 bar)**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



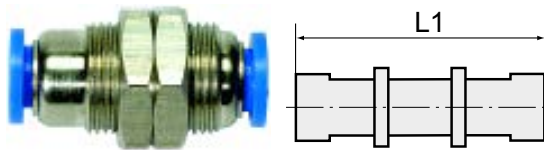
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 03 45	6 mm / 4 mm	31,0
K- 07 40 41 34	8 mm / 4 mm	36,5
K- 07 40 03 46	8 mm / 6 mm	34,5
K- 07 40 41 35	10 mm / 6 mm	40,2
K- 07 40 03 47	10 mm / 8 mm	39,4
K- 07 40 41 36	12 mm / 8 mm	45,0
K- 07 40 03 48	12 mm / 10 mm	44,2
K- 07 40 03 49	16 mm / 12 mm	49,6

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDURED10BAR>

**K-SCHOTT-STECKVERB 3**

## Female bulkhead connectors



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

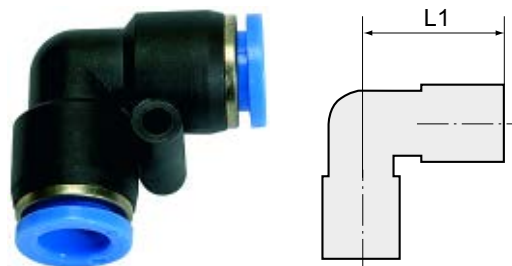
**Note:** Further information on request

Identification	for external hose Ø	Thread control panel	L1 mm	AF
K-07 40 04 31	4 mm	M 12 x 1	31,1	14 mm
K-07 40 04 32	6 mm	M 14 x 1	33,4	17 mm
K-07 40 04 33	8 mm	M 16 x 1	37,7	19 mm
K-07 40 04 34	10 mm	M 20 x 1	41,8	24 mm
K-07 40 04 35	12 mm	M 22 x 1	46,7	27 mm
K-07 40 04 36	16 mm	M 27 x 1	51,2	32 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERB3>

**K-L-STECK VB 10BAR**

## Union elbows (pressure max. 10 bar)



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 03 50	4 mm	17,5
K-07 40 03 51	6 mm	18,7
K-07 40 03 52	8 mm	22,4
K-07 40 03 53	10 mm	27,2
K-07 40 03 54	12 mm	28,9
K-07 40 41 38	14 mm	29,8
K-07 40 03 55	16 mm	30,8

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVB10BAR>

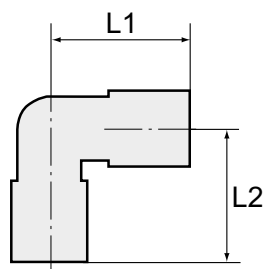
**K-L-SCHOTT STECK**

## Bulkhead connectors, elbow type

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	for external hose Ø	Thread control panel	L1 mm	L2 mm	AF
K- 07 40 04 47	4 mm	M 12 x 1	17,5	31,3	14 mm
K- 07 40 04 48	6 mm	M 14 x 1	18,7	37,9	17 mm
K- 07 40 04 49	8 mm	M 16 x 1	22,5	43,6	19 mm
K- 07 40 04 50	10 mm	M 20 x 1	27,2	51,2	24 mm
K- 07 40 04 51	12 mm	M 22 x 1	29,3	56,1	27 mm
K- 07 40 04 52	16 mm	M 27 x 1	32,5	62,6	30 mm

**Web:** <http://cat.hansa-flex.com/en/KLSCHOTTSTECK>

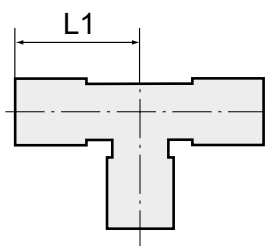
**K-T-STECK VB**

## Union tees

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

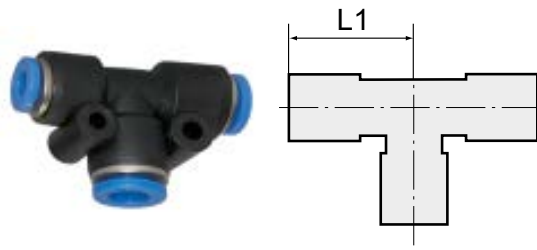


Identification	for external hose Ø	L1 mm
K- 07 40 03 56	4 mm	18,5
K- 07 40 03 57	6 mm	19,0
K- 07 40 03 58	8 mm	22,5
K- 07 40 03 59	10 mm	27,9
K- 07 40 03 60	12 mm	29,3
K- 07 40 41 40	14 mm	31,0
K- 07 40 03 61	16 mm	32,5

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB>

**K-T-STECK VB RED**

## Union tees, unequal



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

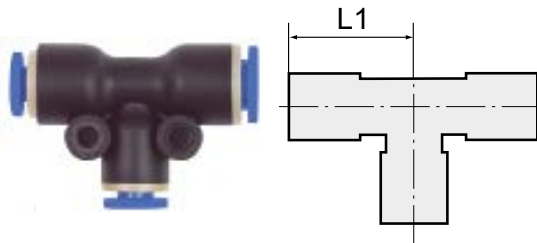
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 03 62	2 x 4 mm / 1 x 6 mm	19,0
K-07 40 03 63	2 x 6 mm / 1 x 4 mm	19,0
K-07 40 03 64	2 x 6 mm / 1 x 8 mm	22,0
K-07 40 41 42	2 x 8 mm / 1 x 4 mm	22,0
K-07 40 03 65	2 x 8 mm / 1 x 6 mm	22,5
K-07 40 03 66	2 x 8 mm / 1 x 10 mm	27,5
K-07 40 41 43	2 x 10 mm / 1 x 6 mm	27,1
K-07 40 03 67	2 x 10 mm / 1 x 8 mm	27,9
K-07 40 03 68	2 x 10 mm / 1 x 12 mm	28,9
K-07 40 41 44	2 x 12 mm / 1 x 8 mm	28,5
K-07 40 03 69	2 x 12 mm / 1 x 10 mm	29,3
K-07 40 41 45	2 x 16 mm / 1 x 12 mm	31,8

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVBRED>

**K-T-STECK VB RED S M**

## Union tees, one unequal connector each on the side and in the centre



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 46 49	4 mm / 4 mm / 6 mm	19,0

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVBREDSM>

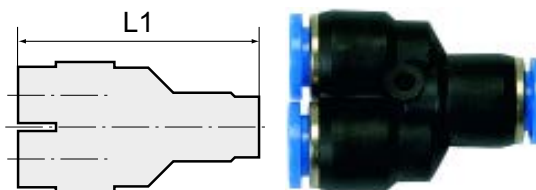
**K-Y-STECK VB 10 BAR**

Y unions (pressure max. 10 bar)

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	for external hose Ø	L1 mm
K- 07 40 03 75	4 mm	35,5
K- 07 40 03 76	6 mm	36,5
K- 07 40 03 77	8 mm	39,8
K- 07 40 03 78	10 mm	48,9
K- 07 40 03 79	12 mm	52,6
K- 07 40 41 49	14 mm	54,6
K- 07 40 03 80	16 mm	56,6

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVB10BAR>

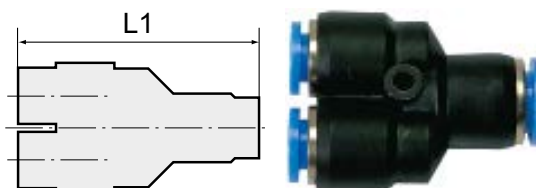
**K-Y-STECK VB RED 10 BAR**

Y unions, unequal (pressure max. 10 bar)

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

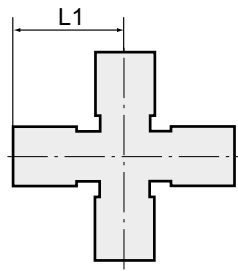


Identification	for external hose Ø	L1 mm
K- 07 40 03 81	1 x 6 mm / 2 x 4 mm	36,5
K- 07 40 42 07	1 x 8 mm / 2 x 4 mm	42,0
K- 07 40 03 82	1 x 8 mm / 2 x 6 mm	39,8
K- 07 40 42 08	1 x 10 mm / 2 x 6 mm	43,8
K- 07 40 03 83	1 x 10 mm / 2 x 8 mm	48,9
K- 07 40 42 09	1 x 12 mm / 2 x 8 mm	52,0
K- 07 40 03 84	1 x 12 mm / 2 x 10 mm	52,6

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBRED10BAR>

## K-X-STECKVERBINDUNG

### X-unions



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

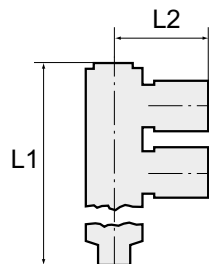
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 03 70	4 mm	17,5
K-07 40 03 71	6 mm	19,0
K-07 40 03 72	8 mm	22,8
K-07 40 03 73	10 mm	27,9
K-07 40 03 74	12 mm	29,3

**Web:** <http://cat.hansa-flex.com/en/KXSTECKVERBINDUNG>

## K-T-MEHRFACHVERT 3 STECK RD

### Tee distributors with plug connection, 3 unequal outlets



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 04 22	2 x 6 mm / 3 x 4 mm	57,0	19,0
K-07 40 04 23	2 x 8 mm / 3 x 4 mm	62,0	20,0
K-07 40 04 24	2 x 8 mm / 3 x 6 mm	62,0	20,0
K-07 40 04 25	2 x 10 mm / 3 x 6 mm	81,8	23,5
K-07 40 04 26	2 x 10 mm / 3 x 8 mm	81,8	23,5

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFACHVERT3STECKRD>



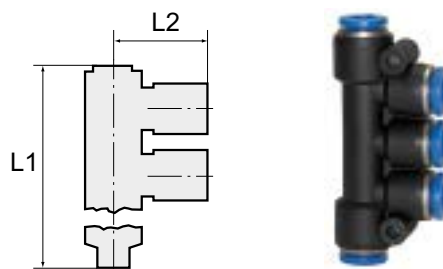
### K-T-MEHRFACHVERT STECK

#### Tee distributors with plug connection

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 05 02	5 x 4 mm	57,0	19,0
K- 07 40 05 03	5 x 6 mm	61,0	20,3
K- 07 40 05 04	5 x 8 mm	81,6	24,0

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFACHVERTSTECK>

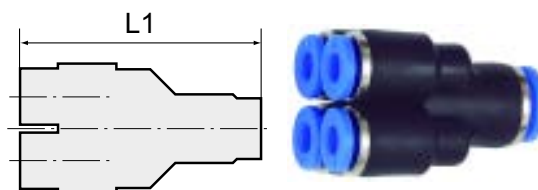
### K-MEHRFACHVERT ST 4

#### Distributors with plug connection, 4 outlets (pressure max. 10 bar)

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 10 bar  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	for external hose Ø	L1 mm
K- 07 40 43 49	6 mm / 4 x 4 mm	35,7
K- 07 40 43 50	8 mm / 4 x 6 mm	39,4

**Web:** <http://cat.hansa-flex.com/en/KMEHRFACHVERTST4>

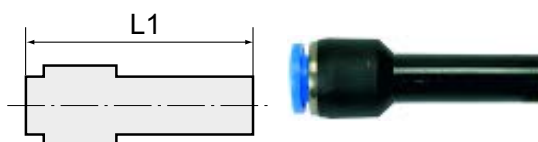
### K-STECKVERBINDU ST RED 3

#### Reducers with push-in plug

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	for external hose Ø	L1 mm
K- 07 40 03 90	4 mm in (reduced 6 mm out)	39,5
K- 07 40 03 91	4 mm in (reduced 8 mm out)	41,5
K- 07 40 03 92	6 mm in (reduced 8 mm out)	41,5



### K-STECKVERBINDU ST RED 3

(Continued)

#### Reducers with push-in plug

Identification	for external hose Ø	L1 mm
K-07 40 03 93	6 mm in (reduced 10 mm out)	46,5
K-07 40 03 94	6 mm in (reduced 12 mm out)	40,5
K-07 40 03 95	8 mm in (reduced 10 mm out)	46,8
K-07 40 03 96	8 mm in (reduced 12 mm out)	46,8
K-07 40 03 97	10 mm in (reduced 12 mm out)	52,2

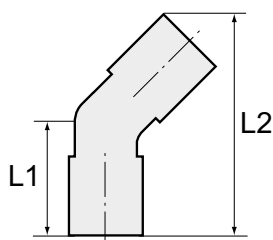


Web: <http://cat.hansa-flex.com/en/KSTECKVERBINDUSTRED3>

3

### K-STECKNIPPEL 45°

#### 45° elbow connectors with push-in plug



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

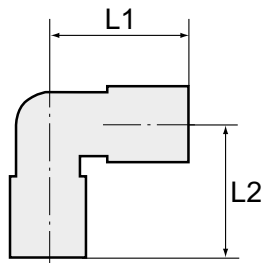
Note: Further information on request

Identification	for external hose Ø	L1 mm	L2 mm	Push-in plugs mm
K-07 40 04 88	4 mm	16,2	46,7	4
K-07 40 04 89	6 mm	17,4	51,2	6
K-07 40 04 90	8 mm	20,5	60,0	8
K-07 40 04 91	10 mm	23,1	68,8	10
K-07 40 04 92	12 mm	26,0	76,1	12

Web: <http://cat.hansa-flex.com/en/KSTECKNIPPEL45>

### K-L-STECK STECKNIPPEL VB

#### Union elbows with push-in plug



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request

Identification	for external hose Ø	L1 mm	L2 mm	Push-in plugs mm
K-07 40 04 93	4 mm	17,7	33,0	4
K-07 40 04 94	6 mm	18,7	36,2	6
K-07 40 04 95	8 mm	22,5	42,5	8



(Continued)

**K-L-STECK STECKNIPPEL VB**

Union elbows with push-in plug

Identification	for external hose Ø	L1 mm	L2 mm	Push-in plugs mm
K- 07 40 04 96	10 mm	27,2	50,8	10
K- 07 40 04 97	12 mm	29,3	54,5	12

**Web:** <http://cat.hansa-flex.com/en/KLSTECKSTECKNIPPELVB>

**K-L-STECK STECKNIPPEL VB RED**

Union elbows with push-in plug, unequal

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

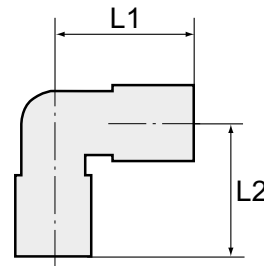
**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

**Note:** Further information on request



Identification	for external hose Ø	L1 mm	L2 mm	Push-in plugs mm
K- 07 40 53 04	4 mm	18,5	33,0	6
K- 07 40 53 05	6 mm	18,7	36,7	8
K- 07 40 53 06	8 mm	22,7	41,2	10
K- 07 40 53 07	10 mm	27,7	47,2	12

**Web:** <http://cat.hansa-flex.com/en/KLSTECKSTECKNIPPELVBRED>

**K-Y-STECK VB STECKNIP**

Y unions with push-in plug

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

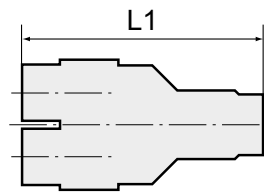
**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

**Note:** Further information on request

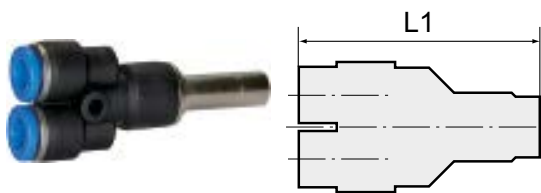


Identification	for external hose Ø	L1 mm
K- 07 40 03 85	hose and plug 4 mm	58,0
K- 07 40 03 86	hose and plug 6 mm	61,0
K- 07 40 03 87	hose and plug 8 mm	66,3
K- 07 40 03 88	hose and plug 10 mm	79,1
K- 07 40 03 89	hose and plug 12 mm	85,4

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBSTECKNIP>

### K-Y-STECK VB STECKNIP RED

Y unions with push-in plug, unequal



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

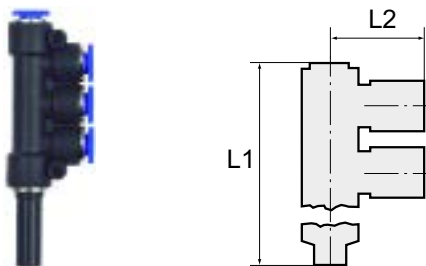
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Push-in plugs mm
K-07 40 04 98	4 mm	53,7	6
K-07 40 04 99	6 mm	60,4	8
K-07 40 05 00	8 mm	72,3	10
K-07 40 05 01	10 mm	77,0	12

**Web:** <http://cat.hansa-flex.com/en/KYSTECKVBSTECKNIPRED>

### K-T-MEHRFACHVERT 3 STECKNIP

Tee distributors with push-in plug, 3 outlets



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

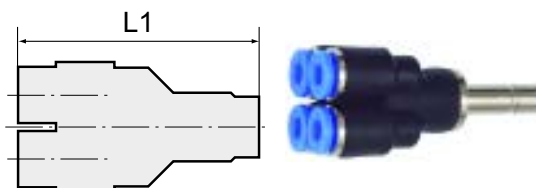
Identification	for external hose Ø	L1 mm	L2 mm	Push-in plugs mm
K-07 40 43 54	3 x 4 mm	81,0	22,7	6
K-07 40 43 55	3 x 4 mm	104,5	24,7	8
K-07 40 43 56	3 x 6 mm	106,0	24,7	8
K-07 40 43 57	3 x 8 mm	109,5	27,2	10

**Web:** <http://cat.hansa-flex.com/en/KTMEHRFACHVERT3STECKNIP>

**K-MEHRFACHVERT STNIP 4****Distributors with push-in plug, 4 outlets (pressure max. 10 bar)**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

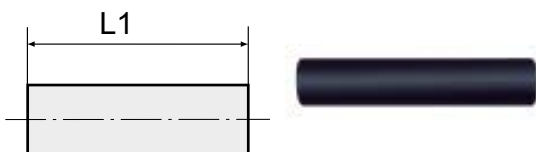
Identification	for external hose Ø	L1 mm	Push-in plugs mm
K- 07 40 43 52	4 x 4 mm	53,0	6
K- 07 40 43 53	4 x 6 mm	58,0	8

**Web:** <http://cat.hansa-flex.com/en/KMEHRFACHVERTSTNIP4>

**K-STECKNIPPEL 1****push-in plugs**

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



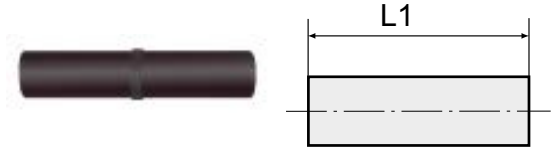
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 42 78	4 mm	36,0
K- 07 40 42 79	6 mm	38,0
K- 07 40 42 80	8 mm	38,0
K- 07 40 42 81	10 mm	40,2
K- 07 40 42 82	12 mm	44,0

**Web:** <http://cat.hansa-flex.com/en/KSTECKNIPPEL1>

**K-STECKNIPPEL RED**

## push-in plugs, unequal



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

<b>Working pressure:</b>	Max. 15 bar, coarse vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air and all gases or liquids that are compatible with the materials
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Sealing surface:</b>	Parallel version: O-ring in housing, Conical version: thread coating
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

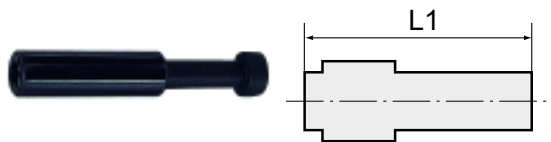
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 42 83	6 mm / 4 mm	37,5
K-07 40 42 84	8 mm / 4 mm	40,5
K-07 40 42 85	8 mm / 6 mm	42,5
K-07 40 42 86	10 mm / 6 mm	44,5
K-07 40 42 87	10 mm / 8 mm	47,0
K-07 40 42 88	12 mm / 8 mm	49,5
K-07 40 42 89	12 mm / 10 mm	51,0

**Web:** <http://cat.hansa-flex.com/en/KSTECKNIPPELRED>

**K-VST 1 3**

## Plugs



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

<b>Working pressure:</b>	Max. 15 bar, coarse vacuum
<b>Application:</b>	Air, vacuum
<b>Recommended hoses:</b>	PU or PA (nylon)
<b>Media:</b>	Compressed air and all gases or liquids that are compatible with the materials
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Sealing surface:</b>	Parallel version: O-ring in housing, Conical version: thread coating
<b>Material:</b>	Plastic, Nickel plated brass
<b>Contact pressure ring:</b>	Plastic

**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 03 98	4 mm	30,2
K-07 40 03 99	6 mm	33,6
K-07 40 04 00	8 mm	36,6
K-07 40 04 01	10 mm	40,1
K-07 40 04 02	12 mm	43,5

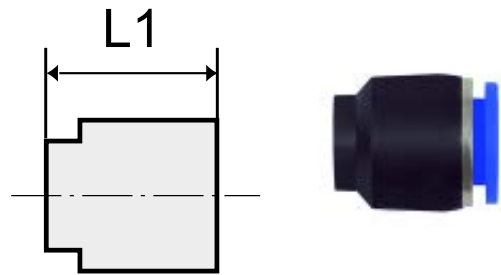
**Web:** <http://cat.hansa-flex.com/en/KVST13>

**K-VERSCHLUSSKAPPEN 10 BAR**

Hexagonal caps (pressure max. 10 bar)

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 42 96	3 mm	16,0
K- 07 40 42 97	4 mm	16,0
K- 07 40 42 98	6 mm	20,0
K- 07 40 42 99	8 mm	21,0
K- 07 40 43 00	10 mm	22,0
K- 07 40 43 01	12 mm	23,0
K- 07 40 43 02	16 mm	25,0

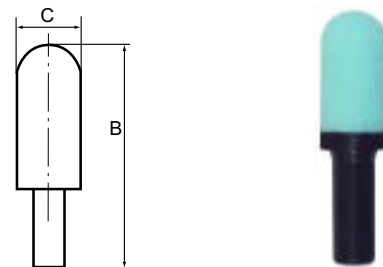
**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSKAPPEN10BAR>

**K-SCHALLDAE STECKNIPPEL**

Silencers with push-in plug (pressure max. 10 bar)

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



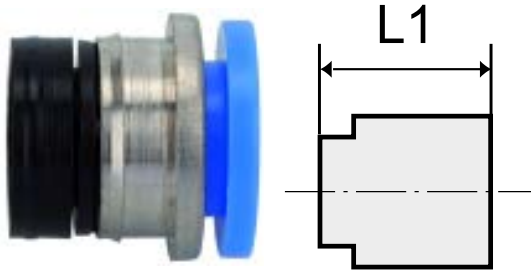
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 46 91	6 mm	46,5
K- 07 40 46 92	8 mm	45,0
K- 07 40 46 93	10 mm	58,0
K- 07 40 46 94	12 mm	81,5

**Web:** <http://cat.hansa-flex.com/en/KSCHALLDAESTECKNIPPEL>

**K-EINPRESSPATRONE**

Press-in sleeves - can only be pressed into plastic



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

**Note:** Only in plastic press-fitted Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 09 95	4 mm	11,3
K-07 40 09 96	6 mm	11,9
K-07 40 09 97	8 mm	13,7
K-07 40 09 98	10 mm	15,2
K-07 40 09 99	12 mm	17,6

**Web:** <http://cat.hansa-flex.com/en/KEINPRESSPATRONE>

**K-BOX BLAUE SERIE**

Boxed set »Blue Series«



Practical, high-quality assortment of the most popular parts in our »Blue Series« of push-in fittings, packaged in a sturdy plastic case. Total of 31 different small part types, conveniently arranged in 24 plastic compartments. The inserts can be removed and rearranged inside the case according to individual needs. All inserts are labelled with the article numbers of the parts they contain.

40 male connectors G 1/8-4, G 1/8-6, G 1/4-6, G 1/4-8, G 3/8-8

30 swivel type male elbows G 1/8-4, G 1/8-6, G 1/4-6, G 1/4-8, G 3/8-8

25 unions 4, 6, 8 mm

15 reducers, 6/4, 8/6, 10/8

10 male elbows 6, 8 mm

20 union tees 4, 6, 8 mm

9 reducers with push-in plug 6/8, 6/10, 8/10

10 plugs 6, 8 mm

10 sockets G 1/8, G 1/4, G 3/8

1 PTFE sealing tape

1 hose cutter

Identification	Designation
K-07 40 35 25	Boxed set, »Blue Serie« Series push-in fittings

**Web:** <http://cat.hansa-flex.com/en/KBOXBLAUESERIE>

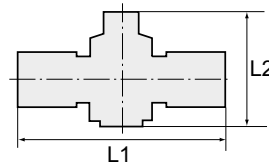


### K-DRV AG-K STECK SCHL GEW

#### Unidirectional flow control valves with parallel male thread and plug connection, straight type, air restriction from tube to port

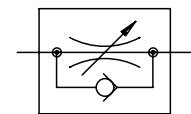
Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K- 07 40 06 99	G 1/8	4 mm	46,5	28,9	31,2	12 mm
K- 07 40 07 00	G 1/8	6 mm	53,7	41,1	46,8	14 mm
K- 07 40 07 01	G 1/8	8 mm	58,1	41,7	47,4	14 mm
K- 07 40 06 97	G 1/4	6 mm	55,1	40,8	47,0	14 mm
K- 07 40 06 98	G 1/4	8 mm	59,6	44,8	50,8	17 mm
K- 07 40 06 95	G 1/4	10 mm	70,3	47,4	54,0	17 mm
K- 07 40 06 96	G 1/4	12 mm	80,6	50,3	55,3	21 mm
K- 07 40 07 04	G 3/8	8 mm	61,0	44,3	50,4	17 mm
K- 07 40 07 02	G 3/8	10 mm	71,6	48,5	55,3	20 mm
K- 07 40 07 03	G 3/8	12 mm	81,3	51,8	57,1	21 mm
K- 07 40 06 93	G 1/2	10 mm	76,0	48,3	54,5	19 mm
K- 07 40 06 94	G 1/2	12 mm	85,9	51,5	56,8	24 mm



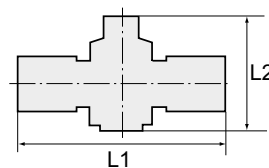
**Web:** <http://cat.hansa-flex.com/en/KDRVAGKSTECKSCHLGEW>

### K-DRV AG STECK SCHL GEW

#### Unidirectional flow control valves with conical male thread and plug connection, straight type, air restriction from tube to port

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K- 07 40 06 87	R 1/8	4 mm	45,9	26,9	29,0	10 mm
K- 07 40 06 88	R 1/8	6 mm	53,6	37,8	43,0	12 mm
K- 07 40 06 89	R 1/8	8 mm	58,4	41,5	47,2	14 mm
K- 07 40 06 85	R 1/4	6 mm	56,2	38,0	43,6	14 mm
K- 07 40 06 86	R 1/4	8 mm	60,6	41,1	47,1	14 mm
K- 07 40 06 83	R 1/4	10 mm	71,4	47,6	55,2	17 mm
K- 07 40 06 84	R 1/4	12 mm	82,3	51,8	55,6	21 mm
K- 07 40 06 92	R 3/8	8 mm	62,1	41,9	47,2	17 mm

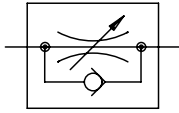


### K-DRV AG STECK SCHL GEW

(Continued)

Unidirectional flow control valves with conical male thread and plug connection, straight type, air restriction from tube to port

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K-07 40 06 90	R 3/8	10 mm	71,8	48,3	54,9	17 mm
K-07 40 06 91	R 3/8	12 mm	83,0	51,2	55,9	21 mm
K-07 40 06 81	R 1/2	10 mm	75,4	48,0	54,6	21 mm
K-07 40 06 82	R 1/2	12 mm	86,2	52,0	56,6	21 mm

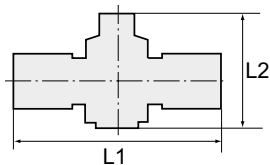


Web: <http://cat.hansa-flex.com/en/KDRVAGSTECKSCHLGEW>

3

### K-DRV STECK

Unidirectional flow control valves with plug connection, straight type



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

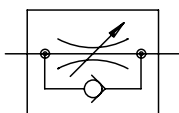
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

Note: Further information on request

Identification	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm
K-07 40 06 76	4 mm	39,5	28,3	30,8
K-07 40 06 77	6 mm	47,1	41,0	47,2
K-07 40 06 78	8 mm	52,0	44,4	51,5
K-07 40 06 79	10 mm	62,3	48,0	55,0
K-07 40 06 80	12 mm	73,6	52,3	57,7



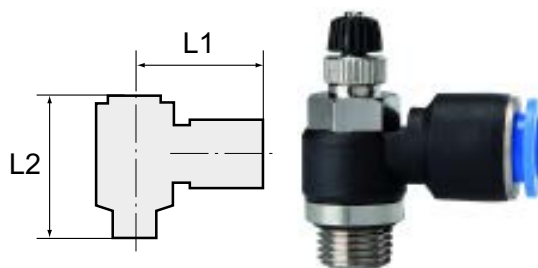
Web: <http://cat.hansa-flex.com/en/KDRVSTECK>

### K-DRV W RAENDEL SCHNV OR

Unidirectional flow control valves with incoming air restriction, adjustable with knurled screw, angled, swivel type, parallel male thread with O-ring

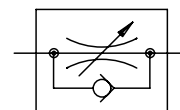
Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K- 07 40 07 39	M 5	4 mm	20,0	29,0	31,9	8 mm
K- 07 40 07 40	M 5	6 mm	21,7	29,0	31,9	8 mm
K- 07 40 07 50	G 1/8	4 mm	22,3	37,8	44,0	10 mm
K- 07 40 07 51	G 1/8	6 mm	22,9	37,8	44,0	10 mm
K- 07 40 07 52	G 1/8	8 mm	25,3	37,8	44,0	10 mm
K- 07 40 07 49	G 1/8	10 mm	30,1	37,8	44,0	10 mm
K- 07 40 07 46	G 1/4	4 mm	24,0	44,0	51,0	14 mm
K- 07 40 07 47	G 1/4	6 mm	24,9	44,0	51,0	14 mm
K- 07 40 07 48	G 1/4	8 mm	28,4	44,0	51,0	14 mm
K- 07 40 07 44	G 1/4	10 mm	32,0	44,0	51,0	14 mm
K- 07 40 07 45	G 1/4	12 mm	32,0	44,0	51,0	14 mm
K- 07 40 07 55	G 3/8	8 mm	29,3	48,7	55,0	19 mm
K- 07 40 07 53	G 3/8	10 mm	32,5	48,7	55,0	19 mm
K- 07 40 07 54	G 3/8	12 mm	35,3	48,7	55,0	19 mm
K- 07 40 07 43	G 1/2	8 mm	32,3	53,0	59,2	24 mm
K- 07 40 07 41	G 1/2	10 mm	35,5	53,0	59,2	24 mm
K- 07 40 07 42	G 1/2	12 mm	36,3	53,0	59,2	24 mm



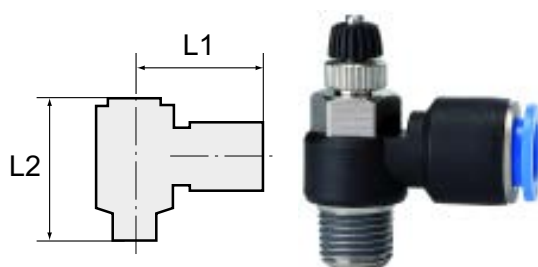
**Web:** <http://cat.hansa-flex.com/en/KDRVWRAENDELSCHNVOR>

### K-DRV W RAENDEL SCHNV BESCH

Unidirectional flow control valves with incoming air restriction, adjustable with knurled screw, angled, swivel type, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K- 07 40 07 15	R 1/8	4 mm	22,3	37,8	44,0	10 mm
K- 07 40 07 16	R 1/8	6 mm	22,9	37,8	44,0	10 mm
K- 07 40 07 17	R 1/8	8 mm	25,3	37,8	44,0	10 mm

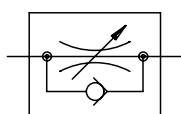


### K-DRV W RAENDEL SCHNV BESCH

(Continued)

Unidirectional flow control valves with incoming air restriction, adjustable with knurled screw, angled, swivel type, conical male thread, coated

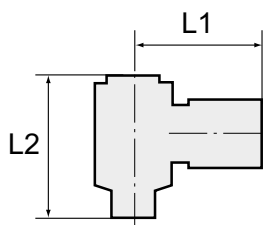
Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K-07 40 07 14	R 1/8	10 mm	30,1	37,8	44,0	10 mm
K-07 40 07 11	R 1/4	4 mm	24,1	44,0	51,0	14 mm
K-07 40 07 12	R 1/4	6 mm	24,9	44,0	51,0	14 mm
K-07 40 07 13	R 1/4	8 mm	28,4	44,0	51,0	14 mm
K-07 40 07 09	R 1/4	10 mm	32,0	44,0	51,0	14 mm
K-07 40 07 10	R 1/4	12 mm	32,0	44,0	51,0	14 mm
K-07 40 07 20	R 3/8	6 mm	26,6	48,7	55,0	19 mm
K-07 40 07 21	R 3/8	8 mm	29,2	48,7	55,0	19 mm
K-07 40 07 18	R 3/8	10 mm	32,5	48,7	55,0	19 mm
K-07 40 07 19	R 3/8	12 mm	35,3	48,7	55,0	19 mm
K-07 40 07 07	R 1/2	6 mm	29,6	53,0	59,2	24 mm
K-07 40 07 08	R 1/2	8 mm	32,3	53,0	59,2	24 mm
K-07 40 07 05	R 1/2	10 mm	35,5	53,0	59,2	24 mm
K-07 40 07 06	R 1/2	12 mm	36,3	53,0	59,2	24 mm



Web: <http://cat.hansa-flex.com/en/KDRVWRAENDELSCHNVBESCH>

### K-DRV ABLD RAENDEL DREH OR

Unidirectional flow control valves with outgoing air restriction, adjustable with knurled screw, angled, swivel type, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K-07 40 07 56	M 5	4 mm	20,0	29,0	31,9	8 mm
K-07 40 07 57	M 5	6 mm	21,7	29,0	31,9	8 mm
K-07 40 07 67	G 1/8	4 mm	22,3	37,8	44,0	10 mm
K-07 40 07 68	G 1/8	6 mm	22,9	37,8	44,0	10 mm
K-07 40 07 69	G 1/8	8 mm	25,3	37,8	44,0	10 mm
K-07 40 07 66	G 1/8	10 mm	30,1	37,8	44,0	10 mm
K-07 40 07 63	G 1/4	4 mm	24,0	44,0	51,0	14 mm
K-07 40 07 64	G 1/4	6 mm	24,9	44,0	51,0	14 mm
K-07 40 07 65	G 1/4	8 mm	28,4	44,0	51,0	14 mm
K-07 40 07 61	G 1/4	10 mm	32,0	44,0	51,0	14 mm
K-07 40 07 62	G 1/4	12 mm	32,0	44,0	51,0	14 mm
K-07 40 07 72	G 3/8	8 mm	29,3	48,7	55,0	19 mm
K-07 40 07 70	G 3/8	10 mm	32,5	48,7	55,0	19 mm
K-07 40 07 71	G 3/8	12 mm	35,3	48,7	55,0	19 mm
K-07 40 07 60	G 1/2	8 mm	32,3	53,0	59,2	24 mm

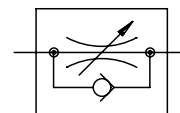


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### K-DRV ABLD RAENDEL DREH OR

Unidirectional flow control valves with outgoing air restriction, adjustable with knurled screw, angled, swivel type, parallel male thread with O-ring

Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K- 07 40 07 58	G 1/2	10 mm	35,5	53,0	59,2	24 mm
K- 07 40 07 59	G 1/2	12 mm	36,3	53,0	59,2	24 mm



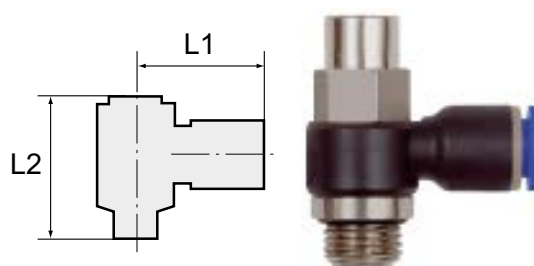
Web: <http://cat.hansa-flex.com/en/KDRVABLDRAENDELREHOR>

### K-DRV SCHLITZSCHR DREH BESCH

Unidirectional flow control valves with outgoing air restriction, adjustable, angled, swivel type, parallel male thread with O-ring

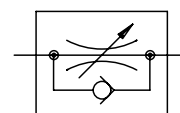
Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 10 bar
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



**Note:** Further information on request

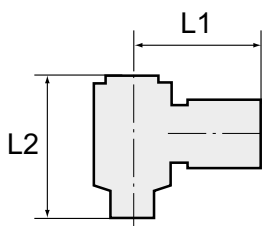
Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	AF
K- 07 40 46 33	M 5	4 mm	20,0	23,0	8 mm
K- 07 40 46 34	M 5	6 mm	21,5	23,0	8 mm
K- 07 40 46 42	G 1/8	4 mm	23,0	31,5	12 mm
K- 07 40 46 43	G 1/8	6 mm	23,0	31,5	12 mm
K- 07 40 46 44	G 1/8	8 mm	26,5	31,5	12 mm
K- 07 40 46 39	G 1/4	4 mm	25,0	38,3	14 mm
K- 07 40 46 40	G 1/4	6 mm	25,0	38,3	14 mm
K- 07 40 46 41	G 1/4	8 mm	29,0	38,3	14 mm
K- 07 40 46 38	G 1/4	10 mm	31,0	38,3	14 mm
K- 07 40 46 47	G 3/8	6 mm	27,0	43,0	19 mm
K- 07 40 46 48	G 3/8	8 mm	30,5	43,0	19 mm
K- 07 40 46 45	G 3/8	10 mm	32,0	43,0	19 mm
K- 07 40 46 46	G 3/8	12 mm	35,0	43,0	19 mm
K- 07 40 46 37	G 1/2	8 mm	33,0	49,0	24 mm
K- 07 40 46 35	G 1/2	10 mm	34,5	49,0	24 mm
K- 07 40 46 36	G 1/2	12 mm	36,5	49,0	24 mm



Web: <http://cat.hansa-flex.com/en/KDRVSCHLITZSCHRDRHBESCH>

### K-DRV ABLD RAENDEL DREH BESCH

Unidirectional flow control valves with outgoing air restriction, adjustable with knurled screw, angled, swivel type, conical male thread, coated

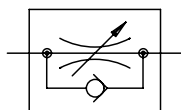


Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

**Note:** Further information on request

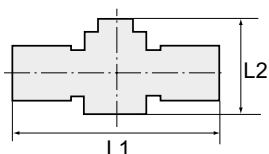
Identification	Thread	for external hose Ø	L1 mm	L2 (min.) mm	L2 (max.) mm	AF
K-07 40 07 32	R 1/8	4 mm	22,3	37,8	44,0	10 mm
K-07 40 07 33	R 1/8	6 mm	22,9	37,8	44,0	10 mm
K-07 40 07 34	R 1/8	8 mm	24,8	37,8	44,0	10 mm
K-07 40 07 31	R 1/8	10 mm	30,1	37,8	44,0	10 mm
K-07 40 07 28	R 1/4	4 mm	24,1	44,0	51,0	14 mm
K-07 40 07 29	R 1/4	6 mm	24,9	44,0	51,0	14 mm
K-07 40 07 30	R 1/4	8 mm	28,4	44,0	51,0	14 mm
K-07 40 07 26	R 1/4	10 mm	32,0	44,0	51,0	14 mm
K-07 40 07 27	R 1/4	12 mm	32,0	44,0	51,0	14 mm
K-07 40 07 37	R 3/8	6 mm	26,6	48,7	55,0	19 mm
K-07 40 07 38	R 3/8	8 mm	29,2	48,7	55,0	19 mm
K-07 40 07 35	R 3/8	10 mm	32,5	48,7	55,0	19 mm
K-07 40 07 36	R 3/8	12 mm	35,3	48,7	55,0	19 mm
K-07 40 07 24	R 1/2	6 mm	29,6	53,0	59,2	24 mm
K-07 40 07 25	R 1/2	8 mm	32,3	53,0	59,2	24 mm
K-07 40 07 22	R 1/2	10 mm	35,5	53,0	59,2	24 mm
K-07 40 07 23	R 1/2	12 mm	36,3	53,0	59,2	24 mm



**Web:** <http://cat.hansa-flex.com/en/KDRVABLDRAENDELREHBESCH>

### K-ABSPV AG OR

Shut-off valves, double parallel thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm	AF
K-07 40 08 10	G 1/8	G 1/8	64,5	42,6	14 mm
K-07 40 08 09	G 1/4	G 1/8	67,6	42,6	17 mm / 14 mm
K-07 40 08 08	G 1/4	G 1/4	67,6	42,6	17 mm
K-07 40 08 11	G 3/8	G 1/4	81,1	47,0	20 mm / 20 mm

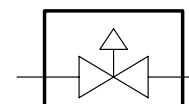


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K-ABSPV AG OR

Shut-off valves, double parallel thread with O-ring

Identification	Thread 1	Thread 2	L1 mm	L2 mm	AF
K-07 40 08 12	G 3/8	G 3/8	82,4	47,0	20 mm / 20 mm
K-07 40 08 07	G 1/2	G 3/8	86,2	47,0	24 mm / 21 mm
K-07 40 08 06	G 1/2	G 1/2	89,0	47,0	24 mm



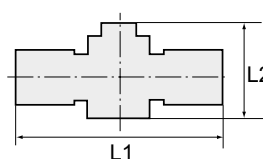
Web: <http://cat.hansa-flex.com/en/KABSPVAGOR>

K-ABSPV AG GEW BESCH

Shut-off valves, double conical thread, coated

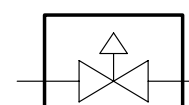
Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



Note: Further information on request

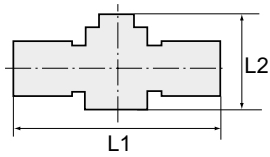
Identification	Thread 1	Thread 2	L1 mm	L2 mm	AF
K-07 40 07 81	R 1/8	R 1/8	65,0	42,6	12 mm
K-07 40 07 80	R 1/4	R 1/8	67,5	42,6	14 mm / 12 mm
K-07 40 07 79	R 1/4	R 1/4	70,0	42,6	14 mm
K-07 40 07 82	R 3/8	R 1/4	82,0	47,0	17 mm / 14 mm
K-07 40 07 83	R 3/8	R 3/8	83,5	47,0	17 mm
K-07 40 07 78	R 1/2	R 3/8	87,0	47,0	21 mm / 17 mm
K-07 40 07 77	R 1/2	R 1/2	90,5	47,0	21 mm



Web: <http://cat.hansa-flex.com/en/KABSPVAGGEWBESCH>

### K-ABSPV STECK GEW SCH OR

Shut-off valves, male thread, plug connection, flow direction to tube, parallel thread with O-ring

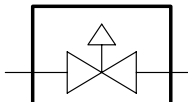


Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

**Note:** Further information on request

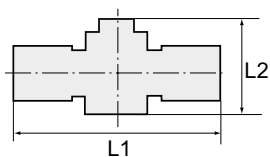
Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 08 01	G 1/8	6 mm	58,0	42,6	14 mm
K-07 40 08 02	G 1/8	8 mm	58,4	42,6	14 mm
K-07 40 07 99	G 1/4	6 mm	59,8	42,6	12 mm
K-07 40 08 00	G 1/4	8 mm	59,9	42,6	17 mm
K-07 40 07 97	G 1/4	10 mm	70,9	47,0	17 mm
K-07 40 07 98	G 1/4	12 mm	70,9	47,0	21 mm
K-07 40 08 05	G 3/8	8 mm	61,4	42,6	17 mm
K-07 40 08 03	G 3/8	10 mm	72,4	47,0	20 mm
K-07 40 08 04	G 3/8	12 mm	71,9	47,0	21 mm
K-07 40 07 95	G 1/2	10 mm	75,9	47,0	24 mm
K-07 40 07 96	G 1/2	12 mm	75,4	47,0	24 mm



**Web:** <http://cat.hansa-flex.com/en/KABSPVSTECKGEWSCHOR>

### K-ABSPV STECK GEW SCH BESCH

Shut-off valves, male thread, plug connection, flow direction to tube, conical thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 07 90	R 1/8	6 mm	58,0	42,6	12 mm
K-07 40 07 91	R 1/8	8 mm	58,9	42,6	14 mm
K-07 40 07 88	R 1/4	6 mm	60,5	42,6	12 mm
K-07 40 07 89	R 1/4	8 mm	60,9	42,6	14 mm
K-07 40 07 86	R 1/4	10 mm	72,4	47,0	17 mm
K-07 40 07 87	R 1/4	12 mm	73,3	47,0	21 mm
K-07 40 07 94	R 3/8	8 mm	62,4	42,6	17 mm
K-07 40 07 92	R 3/8	10 mm	73,4	47,0	17 mm
K-07 40 07 93	R 3/8	12 mm	74,3	47,0	21 mm



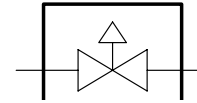


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**K-ABSPV STECK GEW SCH BESCH**

Shut-off valves, male thread, plug connection, flow direction to tube, conical thread, coated

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 07 84	R 1/2	10 mm	76,9	47,0	21 mm
K-07 40 07 85	R 1/2	12 mm	77,3	47,0	21 mm



Web: <http://cat.hansa-flex.com/en/KABSPVSTECKGEWSCHBESCH>

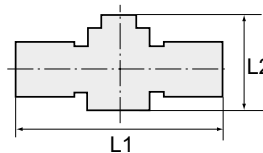
**K-ABSPV STECK**

Shut-off valves with plug connection

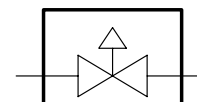
Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

Note: Further information on request



Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 07 73	6 mm	50,8	42,2
K-07 40 07 74	8 mm	51,8	42,3
K-07 40 07 75	10 mm	63,3	46,7
K-07 40 07 76	12 mm	64,1	46,8



Web: <http://cat.hansa-flex.com/en/KABSPVSTECK>

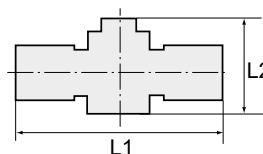
**K-WV 3/2 AG OR**

3/2-way pilot valves with parallel male thread with O-ring

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

Note: Further information on request



Identification	Thread 1	Thread 2	L1 mm	L2 mm
K-07 40 46 28	G 1/8	G 1/8	65,0	41,5



### K-WV 3/2 AG OR

(Continued)

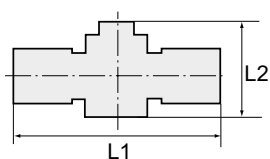
#### 3/2-way pilot valves with parallel male thread with O-ring

Identification	Thread 1	Thread 2	L1 mm	L2 mm
K-07 40 46 27	G 1/4	G 1/4	68,0	41,5
K-07 40 46 29	G 3/8	G 3/8	81,5	46,0

Web: <http://cat.hansa-flex.com/en/KWV32AGOR>

### K-WV 3/2 KONISCH

#### 3/2-way pilot valves with conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

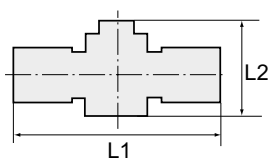
Note: Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm
K-07 40 46 31	R 1/8	R 1/8	65,0	41,5
K-07 40 46 30	R 1/4	R 1/4	70,0	41,5
K-07 40 46 32	R 3/8	R 3/8	83,5	46,0

Web: <http://cat.hansa-flex.com/en/KWV32KONISCH>

### K-WV 3/2 STECK GEW SCHL

#### 3/2-way pilot valves with male thread and plug connection, flow direction from port to tube, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air and all gases or liquids that are compatible with the materials

**Temp. range:** -20 °C to +80 °C

**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 43 85	G 1/8	6 mm	58,1	41,5	14 mm
K-07 40 43 86	G 1/8	8 mm	58,5	41,5	14 mm
K-07 40 43 83	G 1/4	6 mm	59,6	41,5	14 mm
K-07 40 43 84	G 1/4	8 mm	60,0	41,5	17 mm
K-07 40 43 81	G 1/4	10 mm	70,9	46,0	17 mm
K-07 40 43 82	G 1/4	12 mm	70,9	46,0	21 mm
K-07 40 43 89	G 3/8	6 mm	61,1	41,5	14 mm
K-07 40 43 90	G 3/8	8 mm	61,5	41,5	17 mm
K-07 40 43 87	G 3/8	10 mm	72,4	46,0	20 mm
K-07 40 43 88	G 3/8	12 mm	71,9	46,0	21 mm



(Continued)

**K-WV 3/2 STECK GEW SCHL**

3/2-way pilot valves with male thread and plug connection, flow direction from port to tube, parallel male thread with O-ring

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 43 79	G 1/2	10 mm	74,9	46,0	24 mm
K- 07 40 43 80	G 1/2	12 mm	75,4	46,0	24 mm

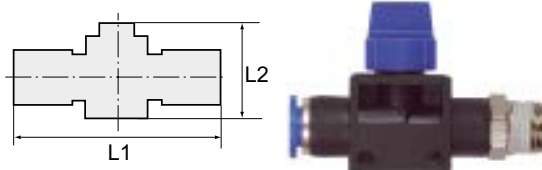
**Web:** <http://cat.hansa-flex.com/en/KWV32STECKGEWSCHL>

**K-WV 3/2 STECK GEW SCHL 2**

3/2-way pilot valves with male thread and plug connection, flow direction from port to tube, conical male thread, coated

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



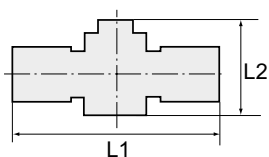
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 43 99	R 1/8	6 mm	58,3	41,5	12 mm
K- 07 40 43 95	R 1/4	10 mm	72,6	46,0	17 mm
K- 07 40 44 00	R 1/8	8 mm	58,9	41,5	14 mm
K- 07 40 43 97	R 1/4	6 mm	60,8	41,5	14 mm
K- 07 40 43 98	R 1/4	8 mm	60,9	41,5	14 mm
K- 07 40 43 96	R 1/4	12 mm	73,3	46,0	21 mm
K- 07 40 44 03	R 3/8	6 mm	62,3	41,5	17 mm
K- 07 40 44 04	R 3/8	8 mm	62,4	41,5	17 mm
K- 07 40 44 01	R 3/8	10 mm	73,6	46,0	17 mm
K- 07 40 44 02	R 3/8	12 mm	74,1	46,0	21 mm
K- 07 40 43 93	R 1/2	10 mm	77,1	46,0	21 mm
K- 07 40 43 94	R 1/2	12 mm	77,3	46,0	21 mm

**Web:** <http://cat.hansa-flex.com/en/KWV32STECKGEWSCHL2>

### K-WV 3/2 STECK SCHL GEW

3/2-way pilot valves with male thread and plug connection, tube to flow direction from port, parallel male thread with O-ring



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

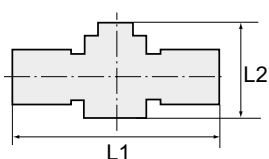
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 45 92	G 1/8	6 mm	58,1	41,5	14 mm
K-07 40 45 93	G 1/8	8 mm	58,8	41,5	14 mm
K-07 40 45 90	G 1/4	6 mm	59,6	41,5	14 mm
K-07 40 45 91	G 1/4	8 mm	60,0	41,5	17 mm
K-07 40 45 88	G 1/4	10 mm	70,9	46,0	17 mm
K-07 40 45 89	G 1/4	12 mm	70,9	46,0	21 mm
K-07 40 45 98	G 3/8	6 mm	61,1	41,5	14 mm
K-07 40 45 99	G 3/8	8 mm	61,5	41,5	17 mm
K-07 40 45 96	G 3/8	10 mm	72,4	46,0	20 mm
K-07 40 45 97	G 3/8	12 mm	71,9	46,0	21 mm
K-07 40 45 86	G 1/2	10 mm	74,9	46,0	24 mm
K-07 40 45 87	G 1/2	12 mm	75,4	46,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KWV32STECKSCHLGEW>

### K-WV 3/2 STECK SCHL GEW 2

3/2-way pilot valves with male thread and plug connection, tube to flow direction from port, conical male thread, coated



Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

- Working pressure:** Max. 15 bar, coarse vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air and all gases or liquids that are compatible with the materials
- Temp. range:** -20 °C to +80 °C
- Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 46 13	R 1/8	6 mm	58,3	41,5	12 mm
K-07 40 46 14	R 1/8	8 mm	58,9	41,5	14 mm
K-07 40 46 11	R 1/4	6 mm	60,8	41,5	14 mm
K-07 40 46 12	R 1/4	8 mm	60,9	41,5	14 mm
K-07 40 46 09	R 1/4	10 mm	72,6	46,0	17 mm
K-07 40 46 10	R 1/4	12 mm	73,3	46,0	21 mm
K-07 40 46 19	R 3/8	6 mm	62,3	41,5	17 mm
K-07 40 46 20	R 3/8	8 mm	62,4	41,5	17 mm
K-07 40 46 17	R 3/8	10 mm	73,6	46,0	17 mm
K-07 40 46 18	R 3/8	12 mm	74,1	46,0	21 mm



(Continued)

## K-WV 3/2 STECK SCHL GEW 2

3/2-way pilot valves with male thread and plug connection, tube to flow direction from port, conical male thread, coated

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 46 07	R 1/2	10 mm	77,1	46,0	21 mm
K- 07 40 46 08	R 1/2	12 mm	77,3	46,0	21 mm

Web: <http://cat.hansa-flex.com/en/KWV32STECKSCHLGEW2>

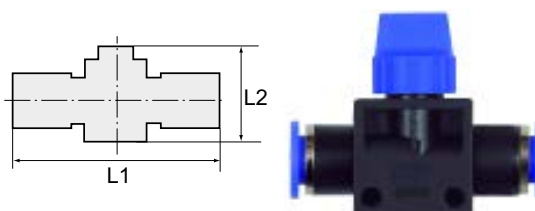
## K-WV 3/2 STECK

3/2-way pilot valves with plug connection

Push-in fittings series manufactured in plastic and nickel-plated brass. All parts are suitable for use with hoses, tubes or pipes made of plastic and copper.

**Working pressure:** Max. 15 bar, coarse vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air and all gases or liquids that are compatible with the materials  
**Temp. range:** -20 °C to +80 °C  
**Sealing surface:** Parallel version: O-ring in housing, Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request



Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 44 05	6 mm	51,6	41,5
K- 07 40 44 06	8 mm	52,6	41,5
K- 07 40 44 07	10 mm	63,7	46,0
K- 07 40 44 08	12 mm	64,1	46,0

Web: <http://cat.hansa-flex.com/en/KWV32STECK>

## K-STECKVERSCHR ABSP AGR OR

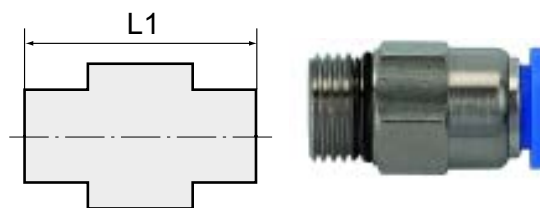
Straight stop valves, parallel male thread with O-ring

The air supply is completely shut off as soon as the hose is disconnected from the union.

The flow rate is only guaranteed if the hose is securely inserted.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** G thread acc. to DIN EN ISO 228-1, with O-Ring  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** O-ring (NBR)  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request



Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 08 18	G 1/8	4 mm	27,5	14 mm
K- 07 40 08 19	G 1/8	6 mm	27,0	14 mm
K- 07 40 08 20	G 1/8	8 mm	29,0	14 mm
K- 07 40 08 16	G 1/4	6 mm	27,0	17 mm
K- 07 40 08 17	G 1/4	8 mm	29,0	17 mm
K- 07 40 08 15	G 1/4	10 mm	37,0	17 mm
K- 07 40 08 23	G 3/8	8 mm	29,0	20 mm
K- 07 40 08 21	G 3/8	10 mm	37,0	20 mm
K- 07 40 08 22	G 3/8	12 mm	38,0	21 mm



**K-STECKVERSCHR ABSP AGR OR**

(Continued)

## Straight stop valves, parallel male thread with O-ring

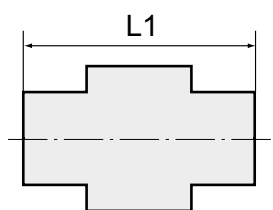
Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 08 13	G 1/2	10 mm	37,0	24 mm
K-07 40 08 14	G 1/2	12 mm	38,0	24 mm



Web: <http://cat.hansa-flex.com/en/KSTECKVERSCHRABSPAGROR>

**K-STECKVERSCHR ABSP AGR-K**

## Straight stop valves, conical male thread, coated



The air supply is completely shut off as soon as the hose is disconnected from the union.

The flow rate is only guaranteed if the hose is securely inserted.

**Working pressure:** Max. 10 bar, vacuum

**Application:** Air, vacuum

**Recommended hoses:** PU or PA (nylon)

**Media:** Compressed air

**Standard:** R thread acc. to ISO 7-1, thread coating

**Temp. range:** 0 °C to +60 °C

**Sealing surface:** Conical version: thread coating

**Material:** Plastic, Nickel plated brass

**Contact pressure ring:** Plastic

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 08 29	R 1/8	4 mm	27,5	10 mm
K-07 40 08 30	R 1/8	6 mm	27,0	12 mm
K-07 40 08 31	R 1/8	8 mm	29,0	14 mm
K-07 40 08 27	R 1/4	6 mm	27,0	14 mm
K-07 40 08 28	R 1/4	8 mm	29,0	14 mm
K-07 40 08 26	R 1/4	10 mm	37,0	17 mm
K-07 40 08 32	R 3/8	10 mm	37,0	17 mm
K-07 40 08 33	R 3/8	12 mm	38,0	20 mm
K-07 40 08 34	R 3/8	8 mm	29,0	17 mm
K-07 40 08 24	R 1/2	10 mm	37,0	21 mm
K-07 40 08 25	R 1/2	12 mm	38,0	21 mm



Web: <http://cat.hansa-flex.com/en/KSTECKVERSCHRABSPAGRK>

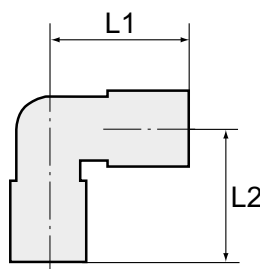
**K-L-STECKVER ABSP DREH AG OR**

## Angle stop valves, swivel type, parallel male thread with O-ring

The air supply is completely shut off as soon as the hose is disconnected from the union.

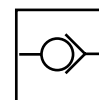
The flow rate is only guaranteed if the hose is securely inserted.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** G thread acc. to DIN EN ISO 228-1, with O-Ring  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** O-ring (NBR)  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 08 46	M 5	4 mm	31,0	21,3	10 mm
K-07 40 08 47	M 5	6 mm	29,4	21,7	12 mm
K-07 40 08 40	G 1/8	4 mm	31,0	24,3	14 mm
K-07 40 08 41	G 1/8	6 mm	29,4	24,2	14 mm
K-07 40 08 42	G 1/8	8 mm	33,0	27,0	14 mm
K-07 40 08 38	G 1/4	6 mm	29,4	26,7	17 mm
K-07 40 08 39	G 1/4	8 mm	33,0	29,5	17 mm
K-07 40 08 37	G 1/4	10 mm	42,5	34,3	17 mm
K-07 40 08 45	G 3/8	8 mm	33,0	30,0	20 mm
K-07 40 08 43	G 3/8	10 mm	42,5	34,3	20 mm
K-07 40 08 44	G 3/8	12 mm	46,5	36,0	21 mm
K-07 40 08 35	G 1/2	10 mm	42,5	37,8	24 mm
K-07 40 08 36	G 1/2	12 mm	46,5	39,0	24 mm



**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERABSPDREHAGOR>

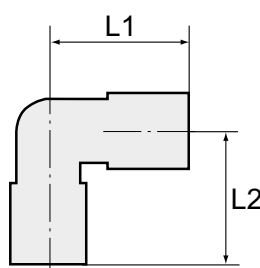
**K-L-STECKVER ABSP DREH AG-K**

## Angle stop valves, swivel type, conical male thread, coated

The air supply is completely shut off as soon as the hose is disconnected from the union.

The flow rate is only guaranteed if the hose is securely inserted.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** R thread acc. to ISO 7-1, thread coating  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 08 53	R 1/8	4 mm	31,0	23,8	10 mm
K-07 40 08 54	R 1/8	6 mm	29,4	24,2	12 mm
K-07 40 08 55	R 1/8	8 mm	33,0	27,5	14 mm
K-07 40 08 51	R 1/4	6 mm	29,4	26,7	14 mm
K-07 40 08 52	R 1/4	8 mm	33,0	29,5	14 mm
K-07 40 08 50	R 1/4	10 mm	42,5	34,3	17 mm
K-07 40 08 58	R 3/8	8 mm	33,0	31,0	17 mm
K-07 40 08 56	R 3/8	10 mm	42,5	35,3	17 mm
K-07 40 08 57	R 3/8	12 mm	46,5	37,0	21 mm

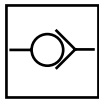


**K-L-STECKVER ABSP DREH AG-K**

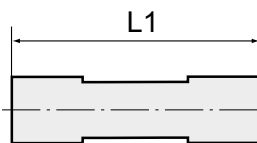
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Angle stop valves, swivel type, conical male thread, coated

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 08 48	R 1/2	10 mm	42,5	38,8	21 mm
K-07 40 08 49	R 1/2	12 mm	46,5	40,0	21 mm

Web: <http://cat.hansa-flex.com/en/KLSTECKVERABSPDREHAGK>**K-STECKVERBINDU ABSP**

Stop unions



The air supply is completely shut off as soon as the hose is disconnected from the union.

The flow rate is only guaranteed if the hose is securely inserted.

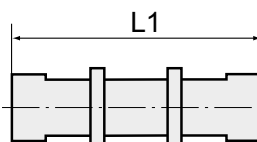
**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** O-ring (NBR)  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 08 59	4 mm	47,0
K-07 40 08 60	6 mm	45,0
K-07 40 08 61	8 mm	49,5
K-07 40 08 62	10 mm	63,0
K-07 40 08 63	12 mm	66,5

Web: <http://cat.hansa-flex.com/en/KSTECKVERBINDUABSP>**K-SCHOTT-STECKVERB ABSP**

Female bulkhead stop unions (pressure max. 10 bar)



The air supply is completely shut off as soon as the hose is disconnected from the union.

The flow rate is only guaranteed if the hose is securely inserted.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** M thread acc. to DIN 13-1, with O-Ring  
**Temp. range:** 0 °C to +60 °C  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 43 74	M 12 x 1.5	4 mm	41,0	14 mm
K-07 40 43 75	M 14 x 1.5	6 mm	44,5	17 mm
K-07 40 43 76	M 16 x 1.5	8 mm	50,3	19 mm





(Continued)

K-SCHOTT-STECKVERB ABSP

Female bulkhead stop unions (pressure max. 10 bar)

Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 43 77	M 20 x 1.5	10 mm	58,5	24 mm
K- 07 40 43 78	M 24 x 1.5	12 mm	62,2	27 mm



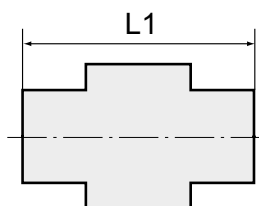
Web: <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERBABS>

K-XRD STECKANSCHLUSS Z SCH AGR OR

Straight non-return valves, flow direction from port to tube, parallel male thread with O-ring

The non-return function of these push-in fittings prevents the air from flowing back. the unidirectional design means air flow is only possible in one direction. These valves are available with air flow from the port to the tube or from the tube to the port.

- Working pressure:** Max. 10 bar, vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air
- Standard:** M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring
- Temp. range:** 0 °C to +60 °C
- Sealing surface:** O-ring (NBR)
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



**Note:** Further information on request

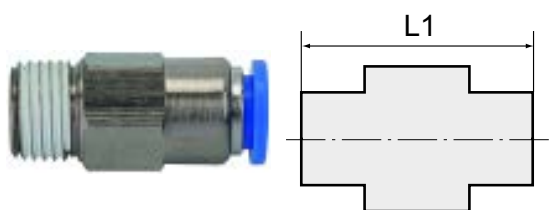
Identification	Thread	for external hose Ø	L1 mm	Opening pressure bar	AF
K- 07 40 08 73	M 5	4 mm	31,0	0,2	10 mm
K- 07 40 08 68	G 1/8	4 mm	24,2	0,2	14 mm
K- 07 40 08 69	G 1/8	6 mm	31,0	0,2	14 mm
K- 07 40 08 70	G 1/8	8 mm	32,8	0,2	14 mm
K- 07 40 08 66	G 1/4	6 mm	33,0	0,2	17 mm
K- 07 40 08 67	G 1/4	8 mm	34,8	0,2	17 mm
K- 07 40 08 71	G 3/8	10 mm	41,0	0,2	20 mm
K- 07 40 08 72	G 3/8	12 mm	42,5	0,2	21 mm
K- 07 40 08 64	G 1/2	10 mm	43,0	0,2	24 mm
K- 07 40 08 65	G 1/2	12 mm	44,5	0,2	24 mm



Web: <http://cat.hansa-flex.com/en/KXRDSTECKANSCHLUSSZSCHAGROR>

### K-XRD STECKANSCHLUSS Z SCH AGR-K BE

Straight non-return valves, flow direction from port to tube, conical male thread, coated



The non-return function of these push-in fittings prevents the air from flowing back. The unidirectional design means air flow is only possible in one direction. These valves are available with air flow from the port to the tube or from the tube to the port.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** R thread acc. to ISO 7-1, thread coating  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** Conical version: thread coating  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

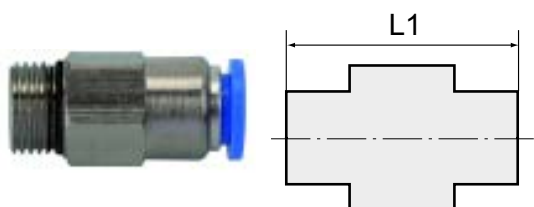
Identification	Thread	for external hose Ø	L1 mm	Opening pressure bar	AF
K-07 40 08 88	R 1/8	4 mm	24,0	0,2	10 mm
K-07 40 08 89	R 1/8	6 mm	31,0	0,2	12 mm
K-07 40 08 90	R 1/8	8 mm	32,8	0,2	14 mm
K-07 40 08 86	R 1/4	6 mm	33,0	0,2	14 mm
K-07 40 08 87	R 1/4	8 mm	34,8	0,2	14 mm
K-07 40 08 91	R 3/8	10 mm	41,0	0,2	17 mm
K-07 40 08 92	R 3/8	12 mm	42,5	0,2	21 mm
K-07 40 08 84	R 1/2	10 mm	43,0	0,2	21 mm
K-07 40 08 85	R 1/2	12 mm	44,5	0,2	21 mm



**Web:** <http://cat.hansa-flex.com/en/KXRDSTECKANSCHLUSSZSCHAGRKBE>

### K-XRD STECKANSCHLUSS Z GEW AGR OR

Straight non-return valves, flow direction from tube to port, parallel male thread with O-ring



The non-return function of these push-in fittings prevents the air from flowing back. The unidirectional design means air flow is only possible in one direction. These valves are available with air flow from the port to the tube or from the tube to the port.

**Working pressure:** Max. 10 bar, vacuum  
**Application:** Air, vacuum  
**Recommended hoses:** PU or PA (nylon)  
**Media:** Compressed air  
**Standard:** M thread acc. to DIN 13-1, with O-Ring, G thread acc. to DIN EN ISO 228-1, with O-Ring  
**Temp. range:** 0 °C to +60 °C  
**Sealing surface:** O-ring (NBR)  
**Material:** Plastic, Nickel plated brass  
**Contact pressure ring:** Plastic

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	Opening pressure bar	AF
K-07 40 08 83	M 5	4 mm	31,0	0,2	10 mm
K-07 40 08 78	G 1/8	4 mm	24,2	0,2	14 mm
K-07 40 08 79	G 1/8	6 mm	31,0	0,2	14 mm
K-07 40 08 80	G 1/8	8 mm	32,8	0,2	14 mm
K-07 40 08 76	G 1/4	6 mm	33,0	0,2	17 mm
K-07 40 08 77	G 1/4	8 mm	34,8	0,2	17 mm
K-07 40 08 81	G 3/8	10 mm	41,0	0,2	20 mm
K-07 40 08 82	G 3/8	12 mm	42,5	0,2	21 mm



(Continued)

### K-XRD STECKANSCHLUSS Z GEW AGR OR

Straight non-return valves, flow direction from tube to port, parallel male thread with O-ring

Identification	Thread	for external hose Ø	L1 mm	Opening pressure bar	AF
K- 07 40 08 74	G 1/2	10 mm	43,0	0,2	24 mm
K- 07 40 08 75	G 1/2	12 mm	44,5	0,2	24 mm



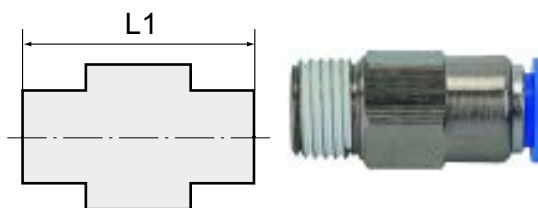
Web: <http://cat.hansa-flex.com/en/KXRDSTECKANSCHLUSSZGEWAGROR>

### K-XRD STECKANSCHLUSS Z GEW AGR-K BE

Straight non-return valves, flow direction from tube to port, conical male thread, coated

The non-return function of these push-in fittings prevents the air from flowing back. the unidirectional design means air flow is only possible in one direction. These valves are available with air flow from the port to the tube or from the tube to the port.

- Working pressure:** Max. 10 bar, vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air
- Standard:** R thread acc. to ISO 7-1, thread coating
- Temp. range:** 0 °C to +60 °C
- Sealing surface:** Conical version: thread coating
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	Opening pressure bar	AF
K- 07 40 08 97	R 1/8	4 mm	24,0	0,2	10 mm
K- 07 40 08 98	R 1/8	6 mm	31,0	0,2	12 mm
K- 07 40 08 99	R 1/8	8 mm	32,8	0,2	14 mm
K- 07 40 08 95	R 1/4	6 mm	33,0	0,2	14 mm
K- 07 40 08 96	R 1/4	8 mm	34,8	0,2	14 mm
K- 07 40 09 00	R 3/8	10 mm	41,0	0,2	17 mm
K- 07 40 09 01	R 3/8	12 mm	42,5	0,2	21 mm
K- 07 40 08 93	R 1/2	10 mm	43,0	0,2	21 mm
K- 07 40 08 94	R 1/2	12 mm	44,5	0,2	21 mm



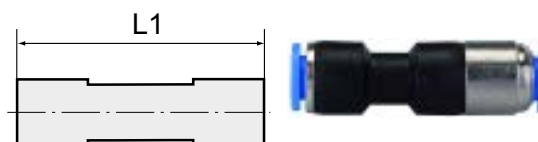
Web: <http://cat.hansa-flex.com/en/KXRDSTECKANSCHLUSSZGEWAGRKBE>

### K-XRD STECKANSCHLUSS

Straight non-return valves with plug connection

The non-return function of these push-in fittings prevents the air from flowing back. the unidirectional design means air flow is only possible in one direction. These valves are available with air flow from the port to the tube or from the tube to the port.

- Working pressure:** Max. 10 bar, vacuum
- Application:** Air, vacuum
- Recommended hoses:** PU or PA (nylon)
- Media:** Compressed air
- Temp. range:** 0 °C to +60 °C
- Sealing surface:** O-ring (NBR)
- Material:** Plastic, Nickel plated brass
- Contact pressure ring:** Plastic



Note: Further information on request

Identification	for external hose Ø	L1 mm	Opening pressure bar
K- 07 40 09 02	4 mm	47,0	0,2
K- 07 40 09 03	6 mm	46,0	0,2



**K-XRD STECKANSCHLUSS**

(Continued)

## Straight non-return valves with plug connection

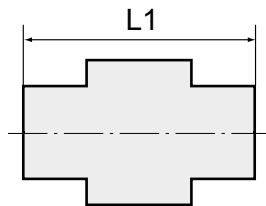
Identification	for external hose Ø	L1 mm	Opening pressure bar
K-07 40 09 04	8 mm	51,0	0,2
K-07 40 09 05	10 mm	62,0	0,2
K-07 40 09 06	12 mm	64,0	0,2



Web: <http://cat.hansa-flex.com/en/KXRSTECKANSCHLUSS>

**K-XVM ZYL OR POM**

## Male connectors, parallel male thread with O-ring



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR

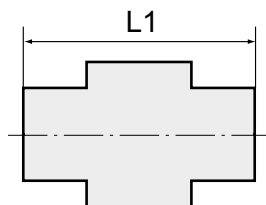
Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF	Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 28 31	G 1/8	4 mm	22,9	14 mm	K-07 40 28 38	G 3/8	8 mm	26,0	22 mm
K-07 40 28 32	G 1/8	5 mm	23,0	14 mm	K-07 40 28 36	G 3/8	10 mm	29,2	22 mm
K-07 40 28 33	G 1/8	6 mm	26,1	15 mm	K-07 40 28 37	G 3/8	12 mm	31,5	24 mm
K-07 40 28 34	G 1/8	8 mm	26,5	17 mm	K-07 40 28 22	G 1/2	10 mm	29,9	27 mm
K-07 40 28 27	G 1/4	4 mm	24,9	17 mm	K-07 40 28 23	G 1/2	12 mm	35,0	27 mm
K-07 40 28 28	G 1/4	5 mm	25,0	17 mm	K-07 40 28 24	G 1/2	15 mm	39,2	27 mm
K-07 40 28 29	G 1/4	6 mm	24,6	17 mm	K-07 40 28 25	G 1/2	18 mm	55,9	
K-07 40 28 30	G 1/4	8 mm	25,0	17 mm	K-07 40 28 35	G 3/4	22 mm	62,0	
K-07 40 28 26	G 1/4	10 mm	32,2	20 mm					

Web: <http://cat.hansa-flex.com/en/KXVMZYLORPOM>

**K-XVM ZYL OR PP**

## Male connectors, parallel male thread with O-ring



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 28 39	G 1	32 mm	111,4	46 mm
K-07 40 28 40	G 1 1/2	32 mm	109,2	49 mm

Web: <http://cat.hansa-flex.com/en/KXVMZYLORPP>

## K-VERBINDER POM

## Unions

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR



**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 28 41	4 mm	33,6
K- 07 40 28 42	5 mm	34,6
K- 07 40 28 43	6 mm	36,9
K- 07 40 28 44	8 mm	40,0
K- 07 40 28 45	10 mm	43,9
K- 07 40 28 46	12 mm	55,8
K- 07 40 28 47	15 mm	62,0
K- 07 40 28 48	18 mm	66,5
K- 07 40 28 49	22 mm	72,2
K- 07 40 28 50	28 mm	95,6

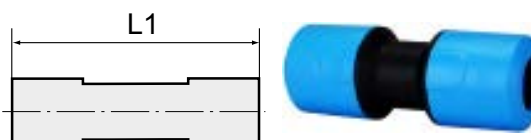
**Web:** <http://cat.hansa-flex.com/en/KVERBINDERPOM>

## K-VERBINDER PP

## Unions

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR



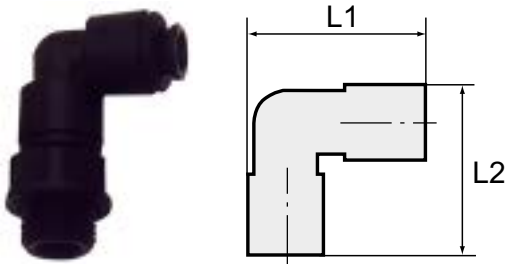
**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 28 51	32 mm	165,0

**Web:** <http://cat.hansa-flex.com/en/KVERBINDERPP>

**K-W90 DREH AG OR POM**

Male elbows, swivel type, parallel male thread with O-ring (M5 - non-swivel type, w/o O-Ring)



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR

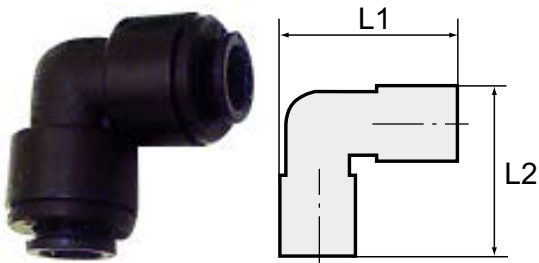
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 28 85	G 1/8	6 mm	40,0	28,1	15 mm
K-07 40 28 86	G 1/8	8 mm	45,6	31,1	17 mm
K-07 40 28 83	G 1/4	6 mm	44,1	28,1	17 mm
K-07 40 28 84	G 1/4	8 mm	45,5	30,9	17 mm
K-07 40 28 82	G 1/4	10 mm	50,3	36,2	20 mm
K-07 40 28 90	G 3/8	8 mm	46,5	30,9	22 mm
K-07 40 28 87	G 3/8	10 mm	53,3	35,7	22 mm
K-07 40 28 88	G 3/8	12 mm	60,4	45,0	24 mm
K-07 40 28 89	G 3/8	15 mm	79,8	51,4	22 mm
K-07 40 28 78	G 1/2	10 mm	54,8	36,2	27 mm
K-07 40 28 79	G 1/2	12 mm	63,6	45,5	27 mm
K-07 40 28 80	G 1/2	15 mm	80,0	50,6	27 mm
K-07 40 28 81	G 1/2	18 mm	91,5	59,7	27 mm

**Web:** <http://cat.hansa-flex.com/en/KW90DREHAGORPOM>

**K-W90 VERBINDER POM**

Union elbows



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR

**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 28 52	4 mm	25,1	25,1
K-07 40 28 53	5 mm	25,1	25,1
K-07 40 28 54	6 mm	28,1	28,1
K-07 40 28 55	8 mm	30,9	30,9
K-07 40 28 56	10 mm	36,2	36,2
K-07 40 28 57	12 mm	45,0	45,0
K-07 40 28 58	15 mm	51,4	51,4
K-07 40 28 59	18 mm	60,9	60,9
K-07 40 28 60	22 mm	67,4	67,4
K-07 40 28 61	28 mm	87,7	87,7

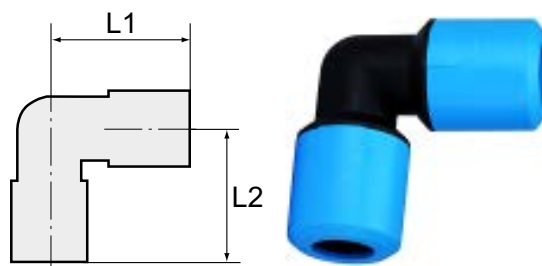
**Web:** <http://cat.hansa-flex.com/en/KW90VERBINDERPOM>

**K-W90 VERBINDER PP**

## Union elbows

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 28 62	32 mm	99,7	99,7

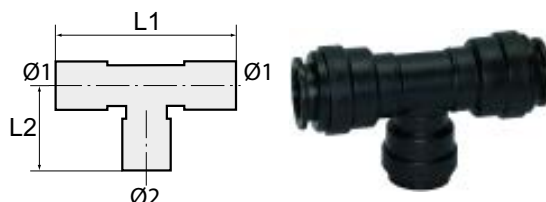
**Web:** <http://cat.hansa-flex.com/en/KW90VERBINDERPP>

**K-T-RED VERBINDER POM**

## Union tees, unequal

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR



**Note:** Further information on request

Identification	for hose external Ø		L1 mm	L2 mm
	mm	mm		
K- 07 40 28 74	18	15	87,0	40,0
K- 07 40 28 75	22	15	90,0	42,0

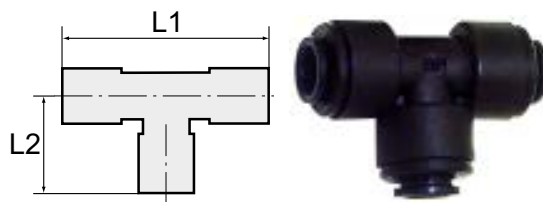
**Web:** <http://cat.hansa-flex.com/en/KTREDVERBINDERPOM>

**K-T-VB POM**

## Union tees

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 28 63	4 mm	37,1	18,5
K- 07 40 28 64	5 mm	36,9	18,4
K- 07 40 28 65	6 mm	41,0	20,5
K- 07 40 28 66	8 mm	44,0	22,0
K- 07 40 28 67	10 mm	52,6	26,3
K- 07 40 28 68	12 mm	66,4	33,2
K- 07 40 28 69	15 mm	76,8	38,4



**K-T-VB POM**

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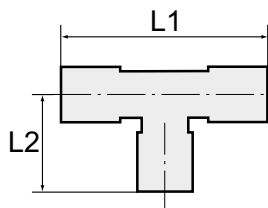
## Union tees

Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 28 70	18 mm	90,6	45,3
K-07 40 28 71	22 mm	99,3	49,6
K-07 40 28 72	28 mm	126,2	63,1

**Web:** <http://cat.hansa-flex.com/en/KTVBPOM>

**K-T-VB PP**

## Union tees



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR

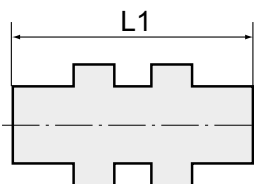
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K-07 40 28 73	32 mm	199,4	99,7

**Web:** <http://cat.hansa-flex.com/en/KTVBPP>

**K-SV POM**

## Bulkhead connectors



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 28 77	G 3/8	6 mm	36,5	19 mm
K-07 40 28 76	G 1/2	8 mm	42,0	22 mm

**Web:** <http://cat.hansa-flex.com/en/KSVPOM>

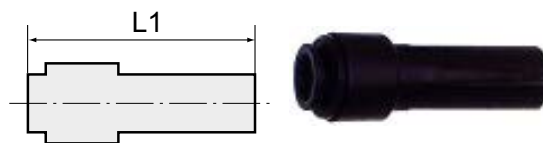


## K-RD STUECKE POM

## Reducers

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Nozzle mm
K- 07 40 28 91	8 mm	46,7	12
K- 07 40 28 92	10 mm	50,9	12
K- 07 40 28 93	10 mm	61,2	15
K- 07 40 28 94	12 mm	61,2	15
K- 07 40 28 95	15 mm	71,7	18
K- 07 40 28 96	15 mm	72,7	22
K- 07 40 28 97	18 mm	71,8	22
K- 07 40 28 98	15 mm	81,4	28
K- 07 40 28 99	22 mm	82,6	28

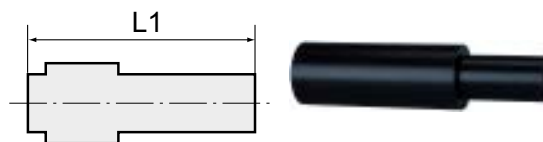
**Web:** <http://cat.hansa-flex.com/en/KRDSTUECKEPOM>

## K-RD STUECKE PP

## Reducers

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR



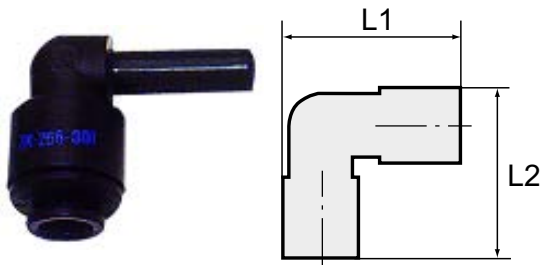
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Nozzle mm
K- 07 40 29 00	22 mm	127,0	32
K- 07 40 29 01	28 mm	133,3	32

**Web:** <http://cat.hansa-flex.com/en/KRDSTUECKEPP>

**K-W TUE VB POM**

## Union elbows



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR

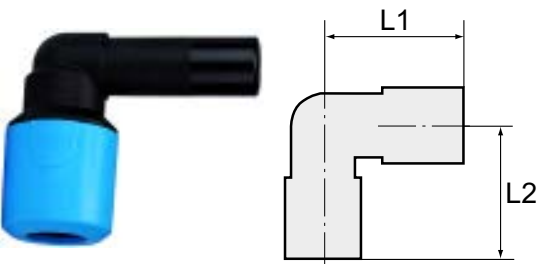
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm	Nozzle mm
K-07 40 29 02	4 mm	22,8	27,3	4
K-07 40 29 03	5 mm	22,8	27,3	5
K-07 40 29 04	6 mm	25,9	30,8	6
K-07 40 29 05	8 mm	28,4	34,4	8
K-07 40 29 06	10 mm	32,7	38,8	10
K-07 40 29 07	12 mm	42,3	48,5	12
K-07 40 29 08	15 mm	50,7	57,9	15
K-07 40 29 09	18 mm	54,2	62,1	18

**Web:** <http://cat.hansa-flex.com/en/KWTUEVBPOM>

**K-W TUE VB PP**

## Union elbows



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR

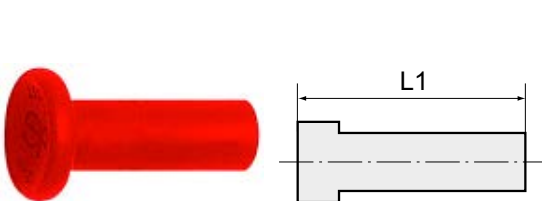
**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm	Nozzle mm
K-07 40 29 10	32 mm	105,3	96,0	32

**Web:** <http://cat.hansa-flex.com/en/KWTUEVBPP>

**K-VSTO POM**

## Plugs



Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** 0 - 16 bar (4 - 8 mm); 0 - 10 bar (10 - 28 mm)  
**Operating temperature:** -20 °C to +70 °C in air; +1 °C to +70 °C in water  
**Material:** Acetalpolymerisat (POM)  
**Sealant:** NBR

**Note:** Further information on request

Identification	Colour	L1 mm	Nozzle mm
K-07 40 29 11	red	28,0	4



(Continued)

K-VSTO POM

Plugs

Identification	Colour	L1 mm	Nozzle mm
K- 07 40 29 12	red	28,0	5
K- 07 40 29 13	red	30,0	6
K- 07 40 29 14	red	31,0	8
K- 07 40 29 15	red	36,5	10
K- 07 40 29 16	red	38,5	12
K- 07 40 29 17	black	45,0	15
K- 07 40 29 18	black	41,5	18
K- 07 40 29 19	black	45,0	22
K- 07 40 29 20	black	56,0	28

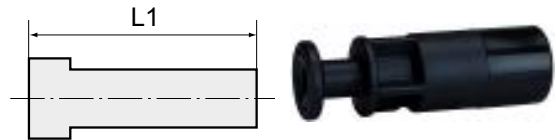
**Web:** <http://cat.hansa-flex.com/en/KVSTOPOM>

K-VSTO PP

Plugs

Lightweight, push-in fittings distinguished by high strength, toughness, resistance to abrasion and impact resistance - ideal for a wide range of applications. Plastic and metal tubes are connected together quickly and easily. Suitable for compressed air or liquids, with good resistance to a large number of chemicals.

**Working pressure:** on request  
**Operating temperature:** Max. +20 °C  
**Material:** Polypropylene (PP)  
**Sealant:** NBR



**Note:** Further information on request

Identification	L1 mm	Nozzle mm
K- 07 40 29 21	102,0	32

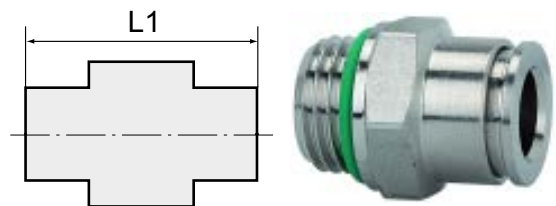
**Web:** <http://cat.hansa-flex.com/en/KVSTOPP>

K-STECKVERSCHR AGR OR SK VA

Male connectors, parallel male thread with O-ring and outer hex

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar  
**Pressure:** Max. 15 bar (depending on pipe quality)  
**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU  
**Standard:** G thread acc. to DIN EN ISO 228-1, with O-Ring  
**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)  
**Material:** Stainless steel 1.4404  
**Sealant:** FKM



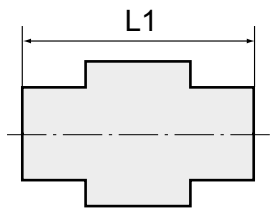
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 46 77	M 5	4 mm	19,0	9 mm
K- 07 40 24 00	G 1/8	4 mm	16,6	13 mm
K- 07 40 24 01	G 1/8	6 mm	19,7	13 mm
K- 07 40 24 02	G 1/8	8 mm	23,2	14 mm
K- 07 40 23 98	G 1/4	6 mm	19,7	16 mm
K- 07 40 23 99	G 1/4	8 mm	21,7	16 mm
K- 07 40 23 97	G 1/4	10 mm	27,2	16 mm
K- 07 40 24 03	G 3/8	10 mm	24,7	17 mm
K- 07 40 24 04	G 3/8	12 mm	27,9	21 mm
K- 07 40 23 96	G 1/2	12 mm	26,4	22 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRAGRORSKVA>

**K-STECKVERSCHR AGR-K SK VA**

Male connectors, conical male thread with outer hex



For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** R thread acc. to ISO 7-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM

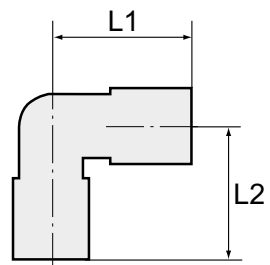
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 24 10	R 1/8	4 mm	16,6	10 mm
K-07 40 24 11	R 1/8	6 mm	21,2	12 mm
K-07 40 24 12	R 1/8	8 mm	25,2	14 mm
K-07 40 24 07	R 1/4	4 mm	20,6	14 mm
K-07 40 24 08	R 1/4	6 mm	20,7	14 mm
K-07 40 24 09	R 1/4	8 mm	23,7	14 mm
K-07 40 24 06	R 1/4	10 mm	30,3	16 mm
K-07 40 24 13	R 3/8	10 mm	23,5	17 mm
K-07 40 24 14	R 3/8	12 mm	27,4	19 mm
K-07 40 24 05	R 1/2	12 mm	27,4	22 mm

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERSCHRAGRKSKVA>

**K-L-STECKVER DREH AG OR VA**

Male elbows, swivel type, parallel male thread with O-ring



For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** G thread acc. to DIN EN ISO 228-1, with O-Ring

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 46 76	M 5	4 mm	17,0	14,0	9 mm
K-07 40 23 91	G 1/8	4 mm	17,0	16,0	13 mm
K-07 40 23 93	G 1/8	8 mm	22,0	18,0	13 mm
K-07 40 23 92	G 1/8	6 mm	21,5	18,0	13 mm
K-07 40 23 89	G 1/4	6 mm	21,5	20,0	16 mm
K-07 40 23 90	G 1/4	8 mm	22,0	20,0	16 mm
K-07 40 23 88	G 1/4	10 mm	25,5	22,5	16 mm
K-07 40 23 94	G 3/8	10 mm	25,5	24,0	21 mm
K-07 40 23 95	G 3/8	12 mm	28,0	26,5	21 mm
K-07 40 23 87	G 1/2	12 mm	28,0	31,0	22 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGORVA>

**K-L-STECKVER AG-K VA****Male elbows conical male thread**

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

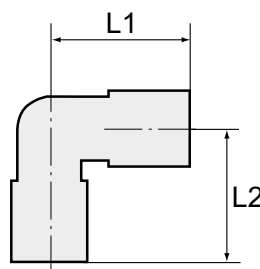
**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** R thread acc. to ISO 7-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm
K- 07 40 24 37	R 1/8	4 mm	17,0	16,0
K- 07 40 24 38	R 1/8	6 mm	20,0	16,0
K- 07 40 24 39	R 1/8	8 mm	21,0	17,0
K- 07 40 24 35	R 1/4	6 mm	20,0	20,0
K- 07 40 24 36	R 1/4	8 mm	21,0	20,0
K- 07 40 46 80	R 1/4	10 mm	25,5	22,5

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERAGKVA>

**K-L-STECKVER DREH AG-K VA****Male elbows, swivel type, conical male thread**

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

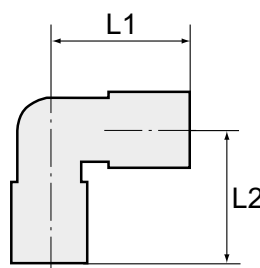
**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** R thread acc. to ISO 7-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



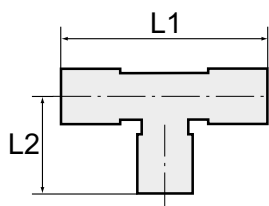
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K- 07 40 24 44	R 1/8	4 mm	17,0	17,5	10 mm
K- 07 40 24 45	R 1/8	6 mm	21,5	20,0	13 mm
K- 07 40 24 46	R 1/8	8 mm	22,0	20,0	13 mm
K- 07 40 24 42	R 1/4	6 mm	21,5	24,0	14 mm
K- 07 40 24 43	R 1/4	8 mm	22,0	24,0	14 mm
K- 07 40 24 41	R 1/4	10 mm	25,5	26,5	16 mm
K- 07 40 24 47	R 3/8	10 mm	25,5	27,0	17 mm
K- 07 40 24 48	R 3/8	12 mm	28,0	30,5	22 mm
K- 07 40 24 40	R 1/2	12 mm	28,0	33,5	22 mm

**Web:** <http://cat.hansa-flex.com/en/KLSTECKVERDREHAGKVA>

**K-T-STECK VERS DRE AG OR VA**

## Male branch tees, swivel type, parallel male thread with O-ring



For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** G thread acc. to DIN EN ISO 228-1, with O-Ring

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM

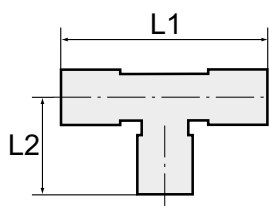
**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 46 81	M 5	4 mm	34,0	18,0	9 mm
K-07 40 24 52	G 1/8	4 mm	34,0	20,0	13 mm
K-07 40 24 53	G 1/8	6 mm	42,0	22,5	13 mm
K-07 40 24 54	G 1/8	8 mm	43,0	22,5	13 mm
K-07 40 24 50	G 1/4	6 mm	42,0	24,5	16 mm
K-07 40 24 51	G 1/4	8 mm	43,0	24,5	16 mm
K-07 40 24 49	G 1/4	10 mm	50,0	25,5	16 mm
K-07 40 24 55	G 3/8	10 mm	50,0	27,0	21 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGORVA>

**K-T-STECK VERS DRE AG-K VA**

## Male branch tees, swivel type, conical male thread



For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** R thread acc. to ISO 7-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 24 59	R 1/8	4 mm	34,0	21,5	10 mm
K-07 40 24 60	R 1/8	6 mm	42,0	24,5	13 mm
K-07 40 24 61	R 1/8	8 mm	43,0	24,5	13 mm
K-07 40 24 57	R 1/4	6 mm	42,0	28,5	14 mm
K-07 40 24 58	R 1/4	8 mm	43,0	28,5	14 mm
K-07 40 24 56	R 1/4	10 mm	50,0	32,0	16 mm
K-07 40 24 62	R 3/8	10 mm	50,0	32,5	17 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVERS DREAGKVA>

## K-STECKVERBINDU RED VA

### Reducers

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

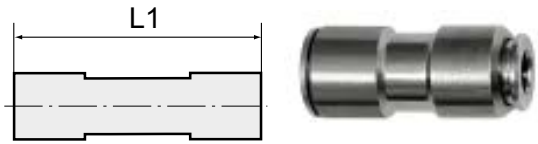
**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 46 78	6 mm / 4 mm	31,0
K- 07 40 46 79	8 mm / 6 mm	34,0

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUREDVA>

## K-STECKVERBINDU VA

### Straight push-in connector

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

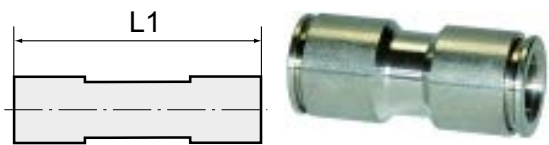
**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	for external hose Ø	L1 mm
K- 07 40 24 15	4 mm	28,2
K- 07 40 24 16	6 mm	34,0
K- 07 40 24 17	8 mm	34,5
K- 07 40 24 18	10 mm	38,2
K- 07 40 24 19	12 mm	40,8

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUVA>

## K-SCHOTT-STECKVERB VA

### Female bulkhead connectors

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

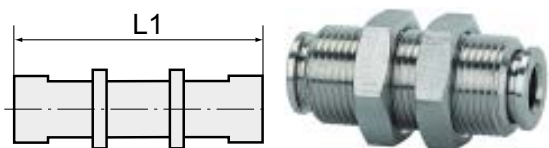
**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** G thread acc. to DIN EN ISO 228-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 24 30	M 12 x 1.0	4 mm	28,0	15 mm



## K-SCHOTT-STECKVERB VA

(Continued)

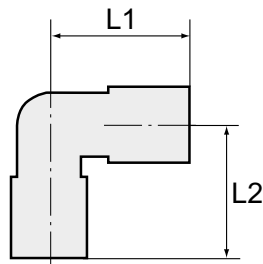
### Female bulkhead connectors

Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 24 31	M 14 x 1.0	6 mm	34,4	17 mm
K- 07 40 24 32	M 16 x 1.0	8 mm	34,5	19 mm
K- 07 40 24 33	M 18 x 1.0	10 mm	38,6	21 mm
K- 07 40 24 34	M 20 x 1.0	12 mm	40,8	24 mm

Web: <http://cat.hansa-flex.com/en/KSCHOTTSTECKVERBVA>

## K-L-STECK VB VA

### Union elbows



For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM

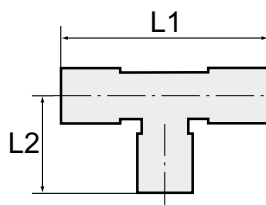
Note: Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 24 20	4 mm	17,0	17,0
K- 07 40 24 21	6 mm	20,0	20,0
K- 07 40 24 22	8 mm	21,0	21,0
K- 07 40 24 23	10 mm	25,0	25,0
K- 07 40 24 24	12 mm	27,0	27,0

Web: <http://cat.hansa-flex.com/en/KLSTECKVBVA>

## K-T-STECK VB VA

### Union tees



For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM

Note: Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 24 25	4 mm	35,0	17,0
K- 07 40 24 26	6 mm	42,0	20,0
K- 07 40 24 27	8 mm	43,5	21,0
K- 07 40 24 28	10 mm	50,0	25,0
K- 07 40 24 29	12 mm	54,0	27,0

Web: <http://cat.hansa-flex.com/en/KTSTECKVBVA>



## K-STECKVERBINDE ST RED

### Reducers with push-in plug

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

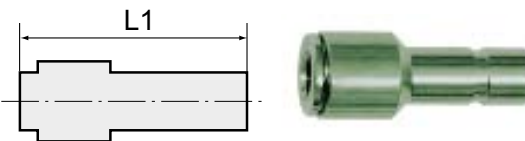
**Pressure:** Max. 15 bar (depending on pipe quality)

**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	Push-in plugs mm
K- 07 40 46 99	4 mm	31,0	6
K- 07 40 47 00	6 mm	33,0	8
K- 07 40 47 01	8 mm	34,5	10

**Web:** <http://cat.hansa-flex.com/en/KSTECKVERBINDUSTRED>

## K-HS PTFE DICHRING EINFACH

### Banjo bolts with PTFE seal, single

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

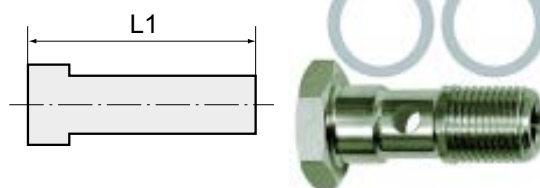
**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** G thread acc. to DIN EN ISO 228-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 47 04	G 1/8	29,0	14 mm
K- 07 40 47 03	G 1/4	32,5	17 mm
K- 07 40 47 05	G 3/8	36,0	21 mm
K- 07 40 47 02	G 1/2	41,5	26 mm

**Web:** <http://cat.hansa-flex.com/en/KHSPTFEDICHRINGEINFACH>

## K-L-RINGSTUECK

### Ring nipples, single

For use with aggressive media and in areas with corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

**Working pressure pulsate:** Max. 10 bar

**Pressure:** Max. 15 bar (depending on pipe quality)

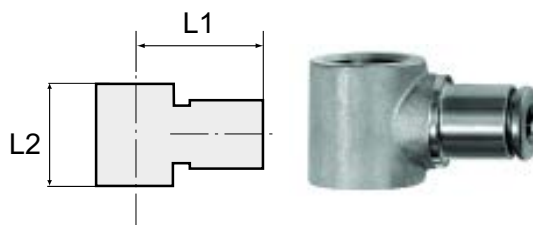
**Suitable pipe materials:** PVDF, PTFE, stainless steel, PA, PU

**Standard:** G thread acc. to DIN EN ISO 228-1

**Ambient temperature:** -20 °C to max. +150 °C (depending on pipe quality and diameter)

**Material:** Stainless steel 1.4404

**Sealant:** FKM



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm
K- 07 40 47 10	G 1/8	4 mm	19,5	15,0
K- 07 40 47 11	G 1/8	6 mm	22,0	15,0
K- 07 40 47 12	G 1/8	8 mm	22,5	15,0
K- 07 40 47 08	G 1/4	6 mm	23,5	17,0

**K-L-RINGSTUECK**

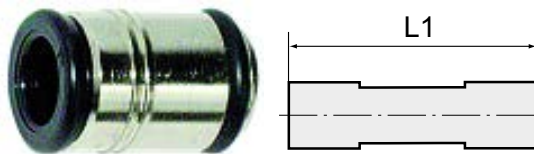
(Continued)

## Ring nipples, single

Identification	Thread	for external hose Ø	L1 mm	L2 mm
K-07 40 47 09	G 1/4	8 mm	24,0	17,0
K-07 40 47 07	G 1/4	10 mm	27,0	17,0
K-07 40 47 13	G 3/8	10 mm	29,0	20,0
K-07 40 47 14	G 3/8	12 mm	31,0	20,0
K-07 40 47 06	G 1/2	12 mm	33,0	24,0

Web: <http://cat.hansa-flex.com/en/KLRINGSTUECK>**K-VERBINDER 4**

## Unions



Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

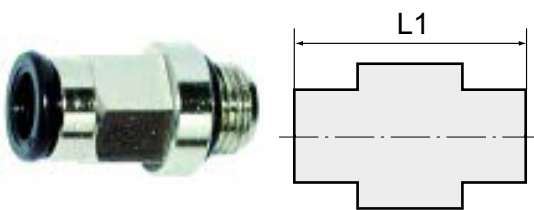
**Collet:** Stainless steel AISI 316

Note: Further information on request

Identification	for external hose Ø	L1 mm
K-07 40 29 42	4 mm	31,0
K-07 40 29 43	6 mm	33,5
K-07 40 29 44	8 mm	38,0
K-07 40 29 45	10 mm	39,5
K-07 40 29 46	12 mm	43,0

Web: <http://cat.hansa-flex.com/en/KVERBINDER4>**K-GAR AG**

## Female connectors with male thread



Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316

Note: Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 29 22	M 5	4 mm	20,5	
K-07 40 29 23	M 5	6 mm	22,5	
K-07 40 29 30	G 1/8	4 mm	20,0	9,0 mm
K-07 40 29 31	G 1/8	6 mm	24,0	11 mm
K-07 40 29 32	G 1/8	8 mm	26,5	13 mm
K-07 40 29 27	G 1/4	4 mm	21,0	9,0 mm
K-07 40 29 28	G 1/4	6 mm	24,0	11 mm
K-07 40 29 29	G 1/4	8 mm	25,0	13 mm
K-07 40 29 26	G 1/4	10 mm	29,5	16 mm
K-07 40 29 35	G 3/8	8 mm	25,0	13 mm
K-07 40 29 33	G 3/8	10 mm	29,5	16 mm
K-07 40 29 34	G 3/8	12 mm	31,0	18 mm



(Continued)

K-GAR AG

## Female connectors with male thread

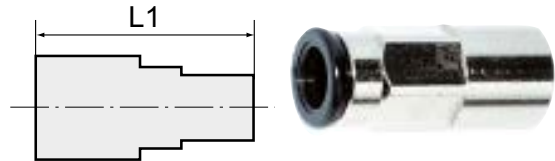
Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 29 24	G 1/2	10 mm	30,0	16 mm
K- 07 40 29 25	G 1/2	12 mm	31,0	18 mm

Web: <http://cat.hansa-flex.com/en/KGARAG>

## K-GAM IG VALUE LINE

## Female connectors, female thread

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)**Operating temperature:** -20 °C to +70 °C**Material:** Nickel-plated brass**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)**O-ring:** NBR, siliconefree**Collet:** Stainless steel AISI 316**Note:** Further information on request

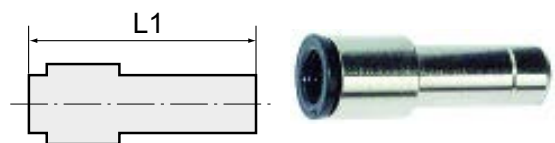
Identification	Thread	for external hose Ø	L1 mm	AF
K- 07 40 29 39	G 1/8	4 mm	26,5	9 mm
K- 07 40 29 38	G 1/4	8 mm	32,0	13 mm
K- 07 40 29 36	G 1/4	10 mm	32,0	16 mm
K- 07 40 29 40	G 1/8	6 mm	27,0	11 mm
K- 07 40 29 41	G 1/8	8 mm	28,0	13 mm
K- 07 40 29 37	G 1/4	6 mm	31,0	11 mm

Web: <http://cat.hansa-flex.com/en/KGAMIGVALUELINE>

## K-RD STUECKE 3 1

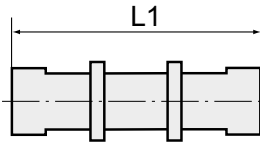
## Reducers

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)**Operating temperature:** -20 °C to +70 °C**Material:** Nickel-plated brass**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)**O-ring:** NBR, siliconefree**Collet:** Stainless steel AISI 316**Note:** Further information on request

Identification	L1 mm	Hose connection mm	Nozzle mm
K- 07 40 29 94	30,5	4	6
K- 07 40 29 95	33,5	6	8
K- 07 40 29 96	37,5	6	10
K- 07 40 29 97	38,0	8	10

Web: <http://cat.hansa-flex.com/en/KRDSTUECKE31>

**K-SV 6 4 HOSTA****Bulkhead connectors Hosta**

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

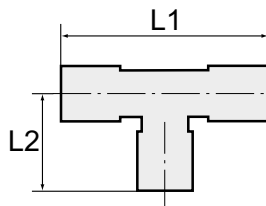
**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	AF
K-07 40 29 57	M 10 x 1	4 mm	32,0	13 mm
K-07 40 29 58	M 14 x 1	6 mm	33,5	17 mm
K-07 40 29 59	M 16 x 1	8 mm	37,0	18 mm
K-07 40 29 60	M 17 x 1	10 mm	39,5	20 mm
K-07 40 29 61	M 20 x 1	12 mm	42,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSV64HOSTA>

**K-T AG DREH****Male branch tees, swivel type, parallel male thread**

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 29 85	G 1/8	4 mm	35,0	18,5	13 mm
K-07 40 29 86	G 1/8	6 mm	42,0	18,5	13 mm
K-07 40 29 87	G 1/8	8 mm	46,0	20,5	13 mm
K-07 40 29 83	G 1/4	6 mm	42,0	22,5	13 mm
K-07 40 29 84	G 1/4	8 mm	46,0	22,5	13 mm
K-07 40 29 82	G 1/4	10 mm	51,0	24,5	16 mm

**Web:** <http://cat.hansa-flex.com/en/KTAGDREH>

## K-T-VB MS NI VALUE LINE

## Union tees

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

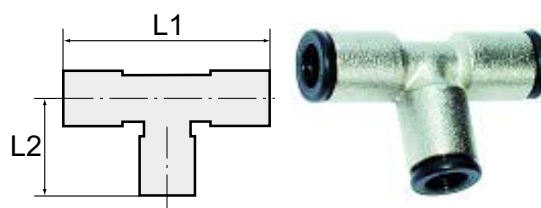
**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 29 52	4 mm	17,5	17,5
K- 07 40 29 53	6 mm	19,5	19,5
K- 07 40 29 54	8 mm	23,0	23,0
K- 07 40 29 55	10 mm	25,0	25,0
K- 07 40 29 56	12 mm	27,0	27,0

**Web:** <http://cat.hansa-flex.com/en/KTVBMSNIVALUELINE>

## K-VST 1 2

## Plugs

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

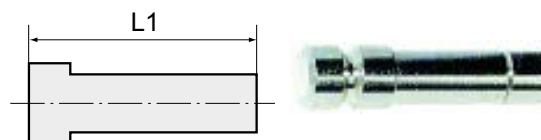
**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**O-ring:** NBR, siliconefree

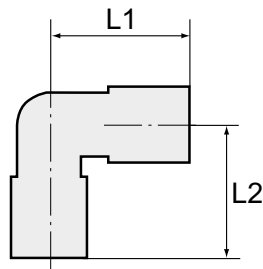
**Collet:** Stainless steel AISI 316



**Note:** Further information on request

Identification	L1 mm	Nozzle mm
K- 07 40 29 98	25,5	4
K- 07 40 29 99	27,5	6
K- 07 40 30 00	30,5	8
K- 07 40 30 01	35,0	10
K- 07 40 30 02	37,0	12

**Web:** <http://cat.hansa-flex.com/en/KVST12>

**K-W90 AG-K****Male elbows, conical male thread**

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

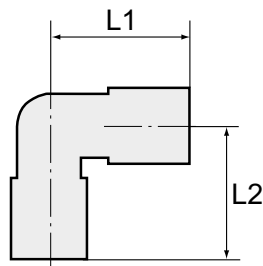
**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 29 65	R 1/8	4 mm	16,1	17,5	10 mm
K-07 40 29 66	R 1/8	6 mm	20,0	17,5	10 mm
K-07 40 29 67	R 1/8	8 mm	24,0	18,5	10 mm
K-07 40 29 63	R 1/4	6 mm	23,0	22,0	12 mm
K-07 40 29 64	R 1/4	8 mm	24,0	22,0	12 mm
K-07 40 29 62	R 1/4	10 mm	24,0	22,0	14 mm

**Web:** <http://cat.hansa-flex.com/en/KW90AGK>

**K-W90 DERH AG 1****Male elbows, swivel type, parallel male thread**

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316

**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm	AF
K-07 40 29 68	M 5	4 mm	19,0	14,5	9 mm
K-07 40 29 69	M 5	6 mm	21,0	14,5	9 mm
K-07 40 29 76	G 1/8	4 mm	19,0	20,0	13 mm
K-07 40 29 77	G 1/8	6 mm	21,0	20,0	13 mm
K-07 40 29 78	G 1/8	8 mm	24,0	20,0	13 mm
K-07 40 29 73	G 1/4	4 mm	19,0	24,0	13 mm
K-07 40 29 74	G 1/4	6 mm	21,0	24,0	13 mm
K-07 40 29 75	G 1/4	8 mm	24,0	24,0	13 mm
K-07 40 29 72	G 1/4	10 mm	27,0	24,0	16 mm
K-07 40 29 81	G 3/8	8 mm	24,0	25,5	13 mm
K-07 40 29 79	G 3/8	10 mm	27,0	28,0	16 mm
K-07 40 29 80	G 3/8	12 mm	28,0	28,5	20 mm
K-07 40 29 70	G 1/2	10 mm	27,0	30,0	16 mm
K-07 40 29 71	G 1/2	12 mm	28,0	33,5	20 mm

**Web:** <http://cat.hansa-flex.com/en/KW90DERHAG1>

## K-SDR DREH AG

## Banjo elbows, swivel type, parallel male thread

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

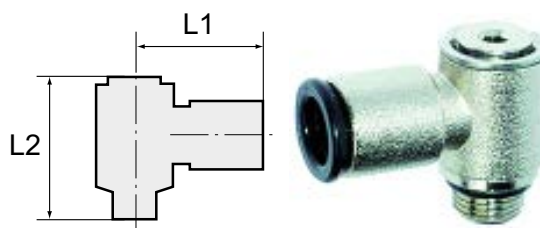
**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316



**Note:** Further information on request

Identification	Thread	for external hose Ø	L1 mm	L2 mm
K- 07 40 29 88	M 5	4 mm	18,5	17,0
K- 07 40 29 91	G 1/8	4 mm	21,0	25,0
K- 07 40 29 92	G 1/8	6 mm	23,5	25,0
K- 07 40 29 93	G 1/8	8 mm	24,5	25,0
K- 07 40 29 89	G 1/4	6 mm	24,5	29,3
K- 07 40 29 90	G 1/4	8 mm	26,0	29,3

**Web:** <http://cat.hansa-flex.com/en/KSDRDREHAG>

## K-W90 VERBINDER SCHL MS NI

## Union elbows

Economy yet very high-quality series of push-in fittings made of nickel-plated brass. Compact, space-saving, lightweight design. An O-ring in the fillet at the end of the thread guarantees a tight connection for all male thread parts, even on rough surfaces.

**Operating pressure:** Max. 16 bar (at +20 °C)

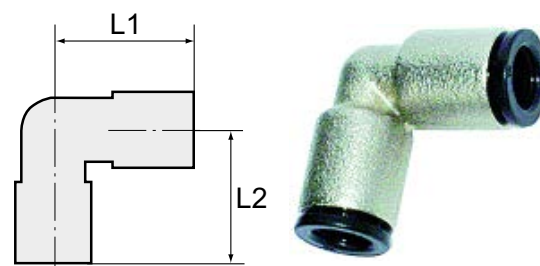
**Operating temperature:** -20 °C to +70 °C

**Material:** Nickel-plated brass

**Contact pressure ring:** Hostaform (black nickel-plated for Ø 10, 12)

**O-ring:** NBR, siliconefree

**Collet:** Stainless steel AISI 316



**Note:** Further information on request

Identification	for external hose Ø	L1 mm	L2 mm
K- 07 40 29 47	4 mm	17,5	17,5
K- 07 40 29 48	6 mm	19,5	19,5
K- 07 40 29 49	8 mm	23,0	23,0
K- 07 40 29 50	10 mm	25,0	25,0
K- 07 40 29 51	12 mm	27,0	27,0

**Web:** <http://cat.hansa-flex.com/en/KW90VERBINDERSCHLMSNI>

**K-LOESEWERKZEUG STECK**

Removal tool for push-in fittings

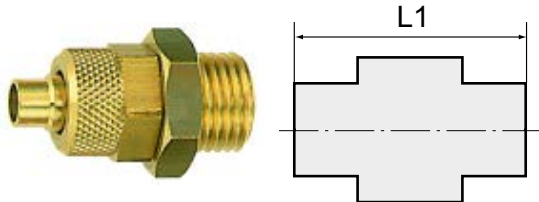


Identification	for external hose Ø
K-07 40 48 88	3 - 10 mm

Web: <http://cat.hansa-flex.com/en/KLOESEWERKZEUGSTECK>**K-XVM**

Male connectors, male thread

For the installation of plastic tubing.



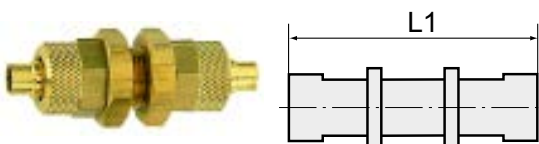
Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 30 56	M 5	5 mm / 3 mm	20,0	7 mm
K-07 40 30 57	G 1/8	6 mm / 4 mm	27,0	14 mm
K-07 40 30 58	G 1/8	8 mm / 6 mm	29,0	14 mm
K-07 40 30 59	G 1/4	6 mm / 4 mm	29,0	17 mm
K-07 40 30 60	G 1/4	8 mm / 6 mm	31,0	17 mm
K-07 40 30 61	G 1/4	10 mm / 8 mm	33,0	17 mm

Web: <http://cat.hansa-flex.com/en/KXVM>**K-SV 3**

Bulkhead connectors

For the installation of plastic tubing.



Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 30 62	M 10 x 1	6 mm / 4 mm	44,0	14 mm
K-07 40 30 63	M 12 x 1	8 mm / 6 mm	50,0	17 mm

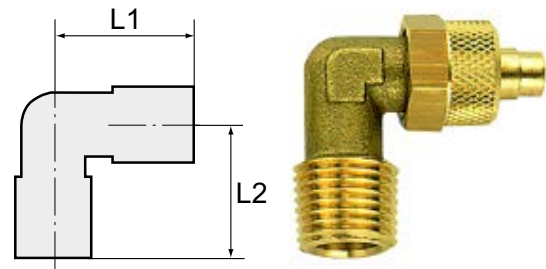
Web: <http://cat.hansa-flex.com/en/KSV3>



**K-W90 AG-K ISO 7-1**

Male elbows, conical male thread acc. to ISO 7-1

For the installation of plastic tubing.



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 30 64	R 1/8	6 mm / 4 mm	22,0	17,0	8 mm
K- 07 40 30 65	R 1/4	6 mm / 4 mm	22,0	22,0	8 mm
K- 07 40 30 66	R 1/4	10 mm / 8 mm	26,0	21,0	12 mm

**Web:** <http://cat.hansa-flex.com/en/KW90AGKISO71>

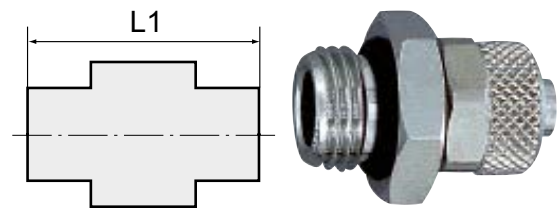
**K-XVM ZYL OR 1**

Male connectors, parallel male thread with O-ring

**Working pressure:** Max. 18 bar

**Sealant:** Buna-N

**Material:** Nickel-plated brass



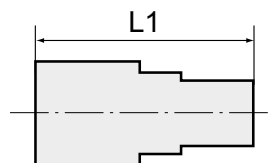
**Note:** Further information on request

Identification	Thread	for hose	Note	L1 mm	AF
K- 07 40 30 67	M 5	4 mm / 2 mm		23,0	9 mm
K- 07 40 30 68	M 5	5 mm / 3 mm	without O-ring	20,0	8 mm
K- 07 40 30 69	M 5	6 mm / 4 mm		23,0	9 mm
K- 07 40 30 81	G 1/8	5 mm / 3 mm	without O-ring	23,0	14 mm
K- 07 40 30 82	G 1/8	6 mm / 4 mm		25,0	13 mm
K- 07 40 30 84	G 1/8	8 mm / 6 mm		25,0	14 mm
K- 07 40 30 80	G 1/8	10 mm / 8 mm	without O-ring	27,0	14 mm
K- 07 40 30 76	G 1/4	6 mm / 4 mm		27,0	16 mm
K- 07 40 30 78	G 1/4	8 mm / 6 mm		27,0	16 mm
K- 07 40 30 74	G 1/4	10 mm / 8 mm		29,0	16 mm
K- 07 40 30 88	G 3/8	6 mm / 4 mm	without O-ring	29,0	19 mm
K- 07 40 30 89	G 3/8	8 mm / 6 mm		29,0	19 mm
K- 07 40 30 86	G 3/8	10 mm / 8 mm		31,0	19 mm
K- 07 40 30 87	G 3/8	12 mm / 10 mm		33,0	19 mm
K- 07 40 30 72	G 1/2	6 mm / 4 mm		32,0	24 mm
K- 07 40 30 73	G 1/2	8 mm / 6 mm		32,0	24 mm
K- 07 40 30 70	G 1/2	10 mm / 8 mm		33,0	24 mm
K- 07 40 30 71	G 1/2	12 mm / 10 mm		35,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KXVMZYLOR1>

### K-XVMK 4

Male connectors, conical male thread acc. to ISO 7-1



Working pressure: Max. 18 bar  
 Sealant: Buna-N  
 Material: Nickel-plated brass

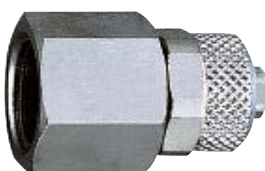
Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 31 14	R 1/8	4 mm / 2 mm	41,0	10 mm
K-07 40 31 15	R 1/8	5 mm / 3 mm	25,0	12 mm
K-07 40 31 16	R 1/8	6 mm / 4 mm	26,5	12 mm
K-07 40 31 17	R 1/8	8 mm / 6 mm	26,5	12 mm
K-07 40 31 13	R 1/8	10 mm / 8 mm	29,5	14 mm
K-07 40 31 11	R 1/4	6 mm / 4 mm	30,0	14 mm
K-07 40 31 12	R 1/4	8 mm / 6 mm	30,0	14 mm
K-07 40 31 10	R 1/4	10 mm / 8 mm	32,0	14 mm
K-07 40 31 20	R 3/8	6 mm / 4 mm	31,5	17 mm
K-07 40 31 21	R 3/8	8 mm / 6 mm	31,0	17 mm
K-07 40 31 18	R 3/8	10 mm / 8 mm	33,0	17 mm
K-07 40 31 19	R 3/8	12 mm / 10 mm	35,0	17 mm
K-07 40 31 09	R 1/2	8 mm / 6 mm	34,5	22 mm
K-07 40 31 07	R 1/2	10 mm / 8 mm	36,0	22 mm
K-07 40 31 08	R 1/2	12 mm / 10 mm	38,0	22 mm

Web: <http://cat.hansa-flex.com/en/KXVMK4>

### K-GAM IG 3

Female connectors, female thread



Working pressure: Max. 18 bar  
 Sealant: Buna-N  
 Material: Nickel-plated brass

Note: Further information on request

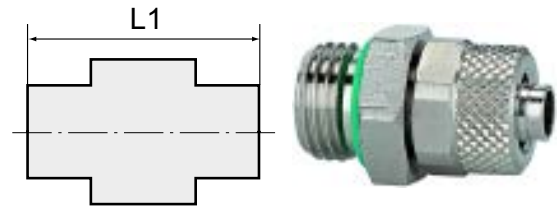
Identification	Thread	for hose	L1 mm	AF
K-07 40 31 01	G 1/8	6 mm / 4 mm	26,5	14 mm
K-07 40 31 02	G 1/8	8 mm / 6 mm	26,5	14 mm
K-07 40 30 99	G 1/4	6 mm / 4 mm	29,5	17 mm
K-07 40 31 00	G 1/4	8 mm / 6 mm	29,0	17 mm
K-07 40 30 98	G 1/4	10 mm / 8 mm	31,0	17 mm
K-07 40 31 05	G 3/8	6 mm / 4 mm	29,5	20 mm
K-07 40 31 06	G 3/8	8 mm / 6 mm	33,0	20 mm
K-07 40 31 03	G 3/8	10 mm / 8 mm	35,0	20 mm
K-07 40 31 04	G 3/8	12 mm / 10 mm	32,5	20 mm
K-07 40 30 97	G 1/2	8 mm / 6 mm	33,0	24 mm
K-07 40 30 96	G 1/2	10 mm / 8 mm	38,0	24 mm

Web: <http://cat.hansa-flex.com/en/KGAMIG3>

### K-XVM ZYL OR FKM

Male connectors, parallel male thread with FPM O-ring

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass



**Note:** Further information on request

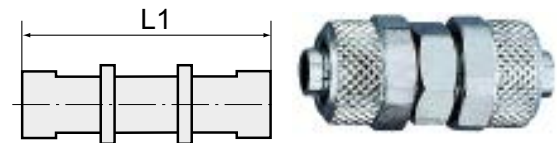
Identification	Thread	for hose	L1 mm	AF
K- 07 40 30 83	G 1/8	6 mm / 4 mm	25,0	15 mm
K- 07 40 30 85	G 1/8	8 mm / 6 mm	25,0	15 mm
K- 07 40 30 77	G 1/4	6 mm / 4 mm	27,0	18 mm
K- 07 40 30 79	G 1/4	8 mm / 6 mm	27,0	18 mm
K- 07 40 30 75	G 1/4	10 mm / 8 mm	29,0	18 mm

**Web:** <http://cat.hansa-flex.com/en/KXVMZYLORFKM>

### K-VERBINDER 1

Unions

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass



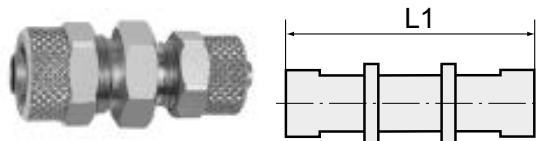
**Note:** Further information on request

Identification	for hose	L1 mm	AF
K- 07 40 30 92	4 mm / 2 mm	41,0	10 mm
K- 07 40 30 93	5 mm / 3 mm	28,5	8 mm
K- 07 40 30 94	6 mm / 4 mm	33,0	12 mm
K- 07 40 30 95	8 mm / 6 mm	33,0	12 mm
K- 07 40 30 90	10 mm / 8 mm	37,0	14 mm
K- 07 40 30 91	12 mm / 10 mm	42,0	17 mm

**Web:** <http://cat.hansa-flex.com/en/KVERBINDER1>

## K-VERBINDER RED

### Reducers



**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

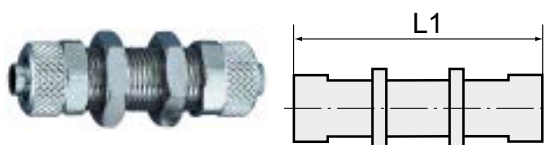
**Note:** Further information on request

Identification	for hose	L1 mm	AF
K-07 40 40 95	8 mm / 6 mm - 6 mm / 4 mm	35,0	14 mm

**Web:** <http://cat.hansa-flex.com/en/KVERBINDERRED>

## K-SV 6 3

### Bulkhead connectors



**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

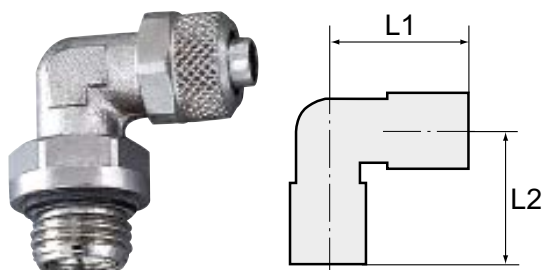
**Note:** Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 31 24	M 7 x 0.75	5 mm / 3 mm	40,0	9 mm
K-07 40 31 25	M 10 x 1	6 mm / 4 mm	47,0	14 mm
K-07 40 31 26	M 12 x 1	8 mm / 6 mm	48,0	16 mm
K-07 40 31 22	M 14 x 1	10 mm / 8 mm	49,0	17 mm
K-07 40 31 23	M 16 x 1	12 mm / 10 mm	53,0	19 mm

**Web:** <http://cat.hansa-flex.com/en/KSV63>

## K-W90 DREH AG OR MS

### Male elbows, swivel type, parallel male thread with O-ring (M5 - non-swivel type, w/o O-ring)



**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 41 30	M 5	5 mm / 3 mm	21,5	15,0	8 mm
K-07 40 31 48	G 1/8	6 mm / 4 mm	20,5	21,0	13 mm
K-07 40 31 50	G 1/8	8 mm / 6 mm	21,0	21,0	13 mm
K-07 40 31 44	G 1/4	6 mm / 4 mm	21,5	22,5	16 mm



(Continued)

K-W90 DREH AG OR MS

Male elbows, swivel type, parallel male thread with O-ring (M5 - non-swivel type, w/o O-ring)

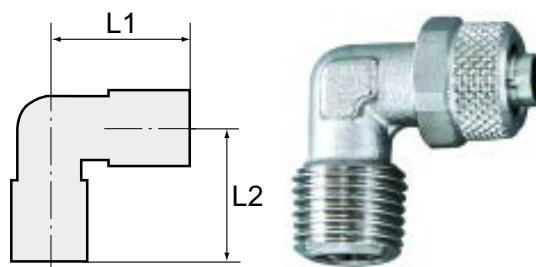
Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 31 46	G 1/4	8 mm / 6 mm	22,0	24,0	16 mm
K-07 40 31 42	G 1/4	10 mm / 8 mm	24,0	24,0	16 mm

Web: <http://cat.hansa-flex.com/en/KW90DREHAGORMS>

K-W90 AG-K ISO 7-1 4

Male elbows, conical male thread, acc. to ISO 7-1

Working pressure: Max. 18 bar  
 Sealant: Buna-N  
 Material: Nickel-plated brass



Note: Further information on request

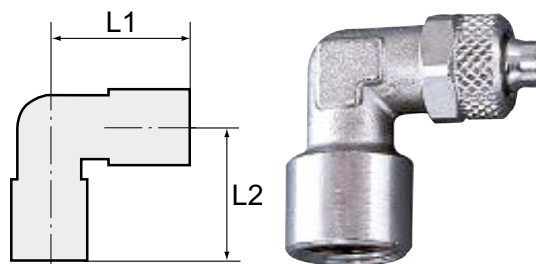
Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 31 34	R 1/8	4 mm / 2 mm	24,5	16,0	9 mm
K-07 40 31 35	R 1/8	5 mm / 3 mm	21,5	17,0	8 mm
K-07 40 31 36	R 1/8	6 mm / 4 mm	22,0	17,0	9 mm
K-07 40 31 37	R 1/8	8 mm / 6 mm	22,0	17,0	12 mm
K-07 40 31 33	R 1/8	10 mm / 8 mm	25,5	18,5	11 mm
K-07 40 31 31	R 1/4	6 mm / 4 mm	22,0	20,0	9 mm
K-07 40 31 32	R 1/4	8 mm / 6 mm	22,0	20,0	12 mm
K-07 40 31 30	R 1/4	10 mm / 8 mm	25,0	21,0	12 mm
K-07 40 31 40	R 3/8	6 mm / 4 mm	23,5	22,5	11 mm
K-07 40 31 41	R 3/8	8 mm / 6 mm	23,0	21,5	12 mm
K-07 40 31 38	R 3/8	10 mm / 8 mm	25,0	21,5	12 mm
K-07 40 31 39	R 3/8	12 mm / 10 mm	31,0	24,0	14 mm
K-07 40 31 29	R 1/2	8 mm / 6 mm	23,5	28,0	16 mm
K-07 40 31 27	R 1/2	10 mm / 8 mm	28,5	26,0	17 mm
K-07 40 31 28	R 1/2	12 mm / 10 mm	31,0	26,0	17 mm

Web: <http://cat.hansa-flex.com/en/KW90AGKISO714>

K-W90 GAM 2

Female elbows

Working pressure: Max. 18 bar  
 Sealant: Buna-N  
 Material: Nickel-plated brass



Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 31 71	G 1/8	5 mm / 3 mm	21,5	19,0	10 mm
K-07 40 31 72	G 1/8	6 mm / 4 mm	22,5	19,0	10 mm
K-07 40 31 73	G 1/8	8 mm / 6 mm	22,5	19,0	10 mm
K-07 40 31 69	G 1/4	6 mm / 4 mm	25,0	23,0	11 mm
K-07 40 31 70	G 1/4	8 mm / 6 mm	25,0	23,0	11 mm



**K-W90 GAM 2**

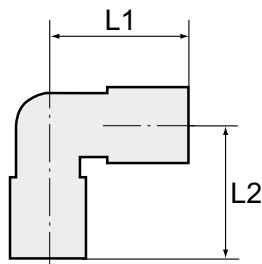
(Continued)

## Female elbows

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 31 68	G 1/4	10 mm / 8 mm	26,0	23,5	13 mm
K-07 40 31 74	G 3/8	12 mm / 10 mm	30,5	28,0	17 mm

Web: <http://cat.hansa-flex.com/en/KW90GAM2>**K-W90 DREH AG OR FKM**

## Male elbows, swivel type, parallel male thread with FPM O-ring



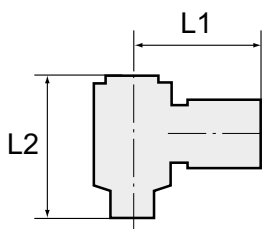
**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 31 49	G 1/8	6 mm / 4 mm	20,5	21,0	10 mm
K-07 40 31 51	G 1/8	8 mm / 6 mm	21,0	21,0	10 mm
K-07 40 31 45	G 1/4	6 mm / 4 mm	21,5	22,5	10 mm
K-07 40 31 47	G 1/4	8 mm / 6 mm	22,0	24,0	12 mm
K-07 40 31 43	G 1/4	10 mm / 8 mm	24,0	24,0	12 mm

Web: <http://cat.hansa-flex.com/en/KW90DREHAGORFKM>**K-SDR AG OR**

## Banjo elbows, parallel male thread with O-ring



**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	Socket head	AF
K-07 40 31 52	M 5	5 mm / 3 mm	16,0	17,5	Male	8 mm
K-07 40 31 53	M 5	6 mm / 4 mm	16,0	17,5	Male	8 mm
K-07 40 31 61	G 1/8	5 mm / 3 mm	24,0	28,0	Male	14 mm
K-07 40 31 62	G 1/8	6 mm / 4 mm	24,0	28,0	Male	14 mm
K-07 40 31 63	G 1/8	8 mm / 6 mm	24,0	28,0	Male	14 mm
K-07 40 31 60	G 1/8	10 mm / 8 mm	24,0	28,0	Male	14 mm
K-07 40 31 58	G 1/4	6 mm / 4 mm	26,0	33,0	Male	17 mm
K-07 40 31 59	G 1/4	8 mm / 6 mm	26,0	33,0	Male	17 mm
K-07 40 31 57	G 1/4	10 mm / 8 mm	27,5	33,0	Male	17 mm
K-07 40 31 66	G 3/8	6 mm / 4 mm	26,0	36,0	Male	19 mm
K-07 40 31 67	G 3/8	8 mm / 6 mm	28,5	37,0	Male	20 mm
K-07 40 31 64	G 3/8	10 mm / 8 mm	29,0	37,0	Male	20 mm
K-07 40 31 65	G 3/8	12 mm / 10 mm	31,5	36,0	Female	5 mm
K-07 40 31 56	G 1/2	8 mm / 6 mm	29,0	42,0	Male	24 mm



(Continued)

K-SDR AG OR

Banjo elbows, parallel male thread with O-ring

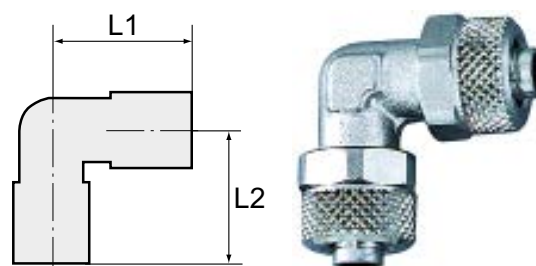
Identification	Thread	for hose	L1 mm	L2 mm	Socket head	AF
K-07 40 31 54	G 1/2	10 mm / 8 mm	30,5	42,0	Male	27 mm
K-07 40 31 55	G 1/2	12 mm / 10 mm	33,0	42,0	Female	8 mm

Web: <http://cat.hansa-flex.com/en/KSDRAGOR>

K-W90 VERBINDER MS NI

Union elbows

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass



Note: Further information on request

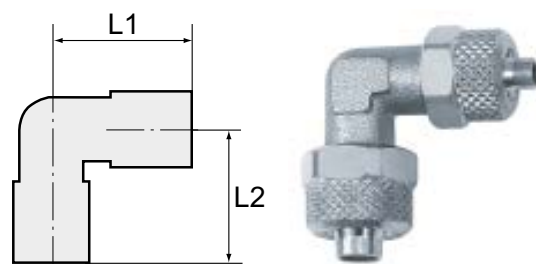
Identification	for hose	L1 mm	AF
K-07 40 31 77	4 mm / 2 mm	24,5	9 mm
K-07 40 31 78	5 mm / 3 mm	21,5	8 mm
K-07 40 31 79	6 mm / 4 mm	22,0	9 mm
K-07 40 31 80	8 mm / 6 mm	22,0	12 mm
K-07 40 31 75	10 mm / 8 mm	25,0	12 mm
K-07 40 31 76	12 mm / 10 mm	30,0	14 mm

Web: <http://cat.hansa-flex.com/en/KW90VERBINDERMSNI>

K-W90 VERBINDER RED

Union elbows, reduced

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass



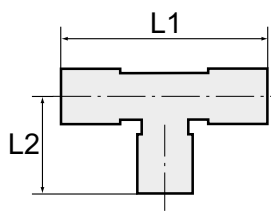
Note: Further information on request

Identification	for hose	L1 mm	AF
K-07 40 41 31	8 mm / 6 mm - 6 mm / 4 mm	22,5	10 mm

Web: <http://cat.hansa-flex.com/en/KW90VERBINDERRED>

**K-T AG-K ISO 7-1 2 SCH**

Male branch tees, conical male thread acc. to ISO 7-1



Working pressure: Max. 18 bar  
 Sealant: Buna-N  
 Material: Nickel-plated brass

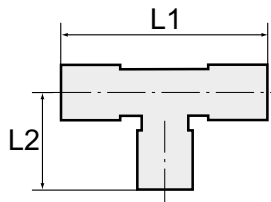
Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 31 87	R 1/8	4 mm / 2 mm	49,0	16,0	9 mm
K-07 40 31 88	R 1/8	5 mm / 3 mm	43,0	17,0	8 mm
K-07 40 31 89	R 1/8	6 mm / 4 mm	44,0	17,0	9 mm
K-07 40 31 90	R 1/8	8 mm / 6 mm	44,0	17,0	10 mm
K-07 40 31 86	R 1/8	10 mm / 8 mm	51,0	18,5	11 mm
K-07 40 31 84	R 1/4	6 mm / 4 mm	44,0	20,0	9 mm
K-07 40 31 85	R 1/4	8 mm / 6 mm	44,0	20,0	12 mm
K-07 40 31 83	R 1/4	10 mm / 8 mm	50,0	21,0	12 mm
K-07 40 31 93	R 3/8	8 mm / 6 mm	46,0	22,0	12 mm
K-07 40 31 91	R 3/8	10 mm / 8 mm	50,0	22,0	12 mm
K-07 40 31 92	R 3/8	12 mm / 10 mm	62,0	24,0	17 mm
K-07 40 31 81	R 1/2	10 mm / 8 mm	57,0	28,0	17 mm
K-07 40 31 82	R 1/2	12 mm / 10 mm	62,0	26,0	17 mm

Web: <http://cat.hansa-flex.com/en/KTAGKISO712SCH>

**K-T-VB MS NI**

Union tees



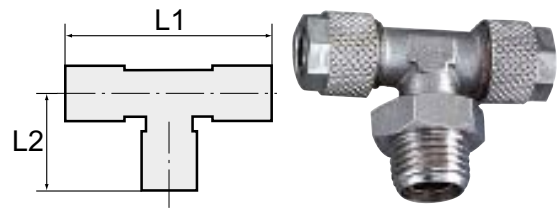
Working pressure: Max. 18 bar  
 Sealant: Buna-N  
 Material: Nickel-plated brass

Note: Further information on request

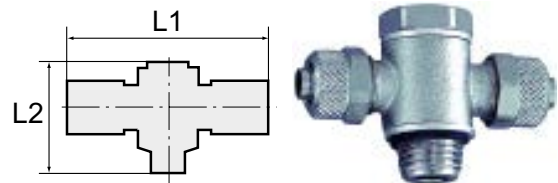
Identification	for hose	L1 mm	AF
K-07 40 32 16	4 mm / 2 mm	49,0	9 mm
K-07 40 32 17	5 mm / 3 mm	43,0	8 mm
K-07 40 32 18	6 mm / 4 mm	44,0	9 mm
K-07 40 32 19	8 mm / 6 mm	44,0	10 mm
K-07 40 32 14	10 mm / 8 mm	50,0	12 mm
K-07 40 32 15	12 mm / 10 mm	62,0	17 mm

Web: <http://cat.hansa-flex.com/en/KTVBMSNI>



**K-T AG DREH 1****Male branch tees, swivel type, parallel male thread (M5 - non-swivel type, w/o O-ring)****Working pressure:** Max. 18 bar**Sealant:** Buna-N**Material:** Nickel-plated brass**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 41 46	M 5	5 mm / 3 mm	43,0	15,0	8 mm
K- 07 40 32 12	G 1/8	6 mm / 4 mm	39,0	22,0	13 mm
K- 07 40 32 13	G 1/8	8 mm / 6 mm	45,0	20,0	14 mm
K- 07 40 32 10	G 1/4	6 mm / 4 mm	39,0	26,0	16 mm
K- 07 40 32 11	G 1/4	8 mm / 6 mm	40,0	27,5	16 mm
K- 07 40 32 09	G 1/4	10 mm / 8 mm	45,0	27,5	16 mm

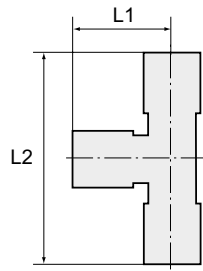
**Web:** <http://cat.hansa-flex.com/en/KTAGDREH1>**K-STM-R****Banjo tees, parallel male thread with O-ring****Working pressure:** Max. 18 bar**Sealant:** Buna-N**Material:** Nickel-plated brass**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 31 94	M 5	5 mm / 3 mm	33,0	17,5	8 mm
K- 07 40 31 95	M 5	6 mm / 4 mm	33,0	17,5	8 mm
K- 07 40 32 02	G 1/8	5 mm / 3 mm	46,0	28,0	14 mm
K- 07 40 32 03	G 1/8	6 mm / 4 mm	49,0	28,0	14 mm
K- 07 40 32 04	G 1/8	8 mm / 6 mm	50,0	28,0	14 mm
K- 07 40 32 01	G 1/8	10 mm / 8 mm	53,0	28,0	14 mm
K- 07 40 31 99	G 1/4	6 mm / 4 mm	53,0	33,0	17 mm
K- 07 40 32 00	G 1/4	8 mm / 6 mm	52,0	33,0	17 mm
K- 07 40 31 98	G 1/4	10 mm / 8 mm	55,0	33,0	17 mm
K- 07 40 32 07	G 3/8	6 mm / 4 mm	53,0	36,0	19 mm
K- 07 40 32 08	G 3/8	8 mm / 6 mm	57,0	37,0	20 mm
K- 07 40 32 05	G 3/8	10 mm / 8 mm	58,0	37,0	20 mm
K- 07 40 32 06	G 3/8	12 mm / 10 mm	64,0	37,0	20 mm
K- 07 40 31 96	G 1/2	10 mm / 8 mm	61,0	42,0	27 mm
K- 07 40 31 97	G 1/2	12 mm / 10 mm	64,0	42,0	27 mm

**Web:** <http://cat.hansa-flex.com/en/KSTMR>

## K-L-AGR-K OR DRH

Male run tees, conical male thread acc. to ISO 7-1



**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

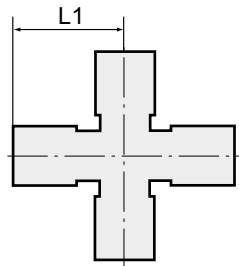
**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 42 27	R 1/8	5 mm / 3 mm	21,5	38,5	8 mm
K-07 40 42 28	R 1/8	6 mm / 4 mm	22,0	39,0	9 mm
K-07 40 42 29	R 1/8	8 mm / 6 mm	22,0	39,0	12 mm
K-07 40 32 21	R 1/4	6 mm / 4 mm	22,0	42,0	9 mm
K-07 40 32 22	R 1/4	8 mm / 6 mm	22,0	42,0	12 mm
K-07 40 32 20	R 1/4	10 mm / 8 mm	25,5	41,0	11 mm
K-07 40 42 32	R 3/8	8 mm / 6 mm	23,0	45,0	12 mm
K-07 40 42 30	R 3/8	10 mm / 8 mm	25,0	47,0	12 mm
K-07 40 42 31	R 3/8	12 mm / 10 mm	31,0	55,0	17 mm
K-07 40 42 25	R 1/2	10 mm / 8 mm	28,5	54,5	17 mm
K-07 40 42 26	R 1/2	12 mm / 10 mm	31,0	57,0	17 mm

**Web:** <http://cat.hansa-flex.com/en/KLAGRKORDRH>

## K-K VERBINDUNGEN

X-unions



**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

**Note:** Further information on request

Identification	for hose	L1 mm	AF
K-07 40 42 58	5 mm / 3 mm	21,5	8 mm
K-07 40 42 59	6 mm / 4 mm	22,5	8 mm
K-07 40 42 60	8 mm / 6 mm	22,5	10 mm
K-07 40 42 57	10 mm / 8 mm	25,5	12 mm

**Web:** <http://cat.hansa-flex.com/en/KKVERBINDUNGEN>

## K-UEM 1

### Hexagonal swivel nuts

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	AF
K- 07 40 32 24	M 8 x 1	4 mm / 2 mm	11,0	10 mm
K- 07 40 32 23	M 7 x 0.75	5 mm / 3 mm	8,5	8 mm
K- 07 40 32 25	M 8 x 0.5	6 mm / 4 mm	9,0	9 mm
K- 07 40 10 00	M 8 x 0.75	6 mm / 4 mm	11,0	8 mm
K- 07 40 32 26	M 10 x 1	6 mm / 4 mm	11,0	12 mm
K- 07 40 32 27	M 12 x 1	8 mm / 6 mm	11,0	14 mm
K- 07 40 32 28	M 14 x 1	10 mm / 8 mm	12,0	16 mm
K- 07 40 32 29	M 16 x 1	12 mm / 10 mm	12,0	19 mm

**Web:** <http://cat.hansa-flex.com/en/KUEM1>

## K-XVM ZYL OR KNICK

### Male connectors, parallel male thread with O-ring, kink protector

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	for hose	AF
K- 07 40 42 52	G 1/8	6 mm / 4 mm	13 mm
K- 07 40 42 53	G 1/8	8 mm / 6 mm	14 mm
K- 07 40 42 50	G 1/4	6 mm / 4 mm	16 mm
K- 07 40 42 51	G 1/4	8 mm / 6 mm	16 mm
K- 07 40 42 49	G 1/4	10 mm / 8 mm	16 mm
K- 07 40 42 56	G 3/8	8 mm / 6 mm	19 mm
K- 07 40 42 54	G 3/8	10 mm / 8 mm	19 mm
K- 07 40 42 55	G 3/8	12 mm / 10 mm	19 mm
K- 07 40 42 48	G 1/2	8 mm / 6 mm	24 mm
K- 07 40 42 47	G 1/2	10 mm / 8 mm	24 mm

**Web:** <http://cat.hansa-flex.com/en/KXVMZYLORKNICK>

**K-XVM ZYL OR KNICK DREHBAR**

Male connectors, parallel male thread with O-ring, kink protector, swivel type

**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

**Note:** Further information on request

Identification	Thread	for hose	AF1 mm	AF2 mm
K-07 40 42 93	G 1/8	6 mm / 4 mm	12	13
K-07 40 42 94	G 1/8	8 mm / 6 mm	14	13
K-07 40 42 91	G 1/4	6 mm / 4 mm	12	16
K-07 40 42 92	G 1/4	8 mm / 6 mm	14	16
K-07 40 42 90	G 1/4	10 mm / 8 mm	16	16
K-07 40 42 95	G 3/8	12 mm / 10 mm	18	19

**Web:** <http://cat.hansa-flex.com/en/KXVMZYLORKNICKDREHBAR>**K-UEM KNICKSCHLUTZFEDER**

Hexagonal swivel nuts with kink protector

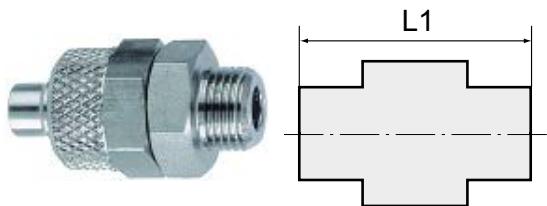
**Working pressure:** Max. 18 bar  
**Sealant:** Buna-N  
**Material:** Nickel-plated brass

**Note:** Further information on request

Identification	for hose	AF
K-07 40 43 03	6 mm / 4 mm	12 mm
K-07 40 43 04	8 mm / 6 mm	14 mm
K-07 40 43 05	10 mm / 8 mm	16 mm
K-07 40 43 06	12 mm / 10 mm	18 mm

**Web:** <http://cat.hansa-flex.com/en/KUEMKNICKSCHLUTZFEDER>**K-XVM ZYL 1**

Male connectors, parallel male thread

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 30 03	M 5	5 mm / 3 mm	20,0	8 mm



(Continued)

K-XVM ZYL 1

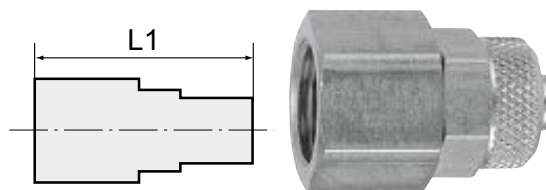
## Male connectors, parallel male thread

Identification	Thread	for hose	L1 mm	AF
K- 07 40 30 04	G 1/8	6 mm / 4 mm	27,0	14 mm
K- 07 40 30 05	G 1/8	8 mm / 6 mm	29,0	14 mm
K- 07 40 30 06	G 1/4	6 mm / 4 mm	29,0	17 mm
K- 07 40 30 07	G 1/4	8 mm / 6 mm	31,0	17 mm
K- 07 40 30 08	G 1/4	10 mm / 8 mm	33,0	17 mm
K- 07 40 30 09	G 3/8	8 mm / 6 mm	33,0	19 mm
K- 07 40 30 10	G 3/8	10 mm / 8 mm	35,0	19 mm
K- 07 40 30 11	G 3/8	12 mm / 9 mm	35,0	19 mm
K- 07 40 30 12	G 1/2	10 mm / 8 mm	36,0	24 mm
K- 07 40 30 13	G 1/2	12 mm / 9 mm	36,0	24 mm

Web: <http://cat.hansa-flex.com/en/KXVMZYL1>

K-GAM IG 5

## Female connectors, parallel female thread



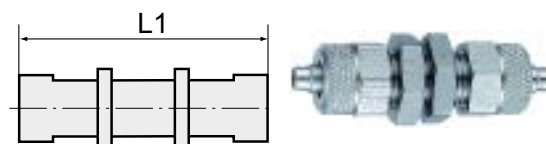
Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K- 07 40 30 14	G 1/4	6 mm / 4 mm	25,0	17 mm
K- 07 40 30 15	G 1/4	8 mm / 6 mm	25,0	17 mm

Web: <http://cat.hansa-flex.com/en/KGAMIG5>

K-SV 6 2

## Bulkhead connectors



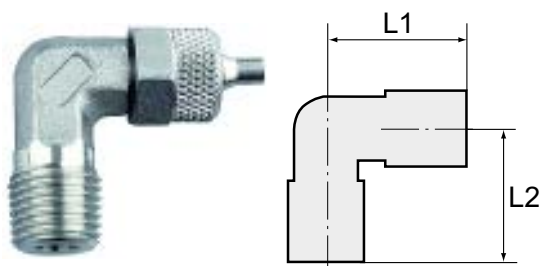
Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K- 07 40 30 25	M 10 x 1	6 mm / 4 mm	44,0	14 mm
K- 07 40 30 26	M 12 x 1	8 mm / 6 mm	50,0	17 mm

Web: <http://cat.hansa-flex.com/en/KSV62>

### K-W90 AG-K ISO 7-1 2

Male elbows, conical male thread acc. to ISO 7-1



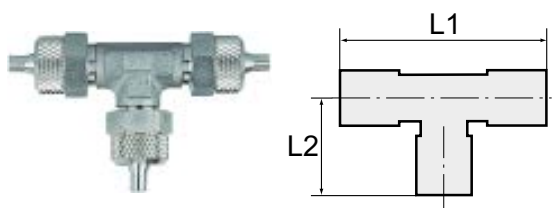
**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 30 27	R 1/8	6 mm / 4 mm	25,0	16,0	9 mm
K-07 40 30 28	R 1/8	8 mm / 6 mm	27,0	20,0	12 mm
K-07 40 30 34	R 1/4	10 mm / 8 mm	36,0	28,0	14 mm

**Web:** <http://cat.hansa-flex.com/en/KW90AGKISO712>

### K-T-VB ES

Branch tees



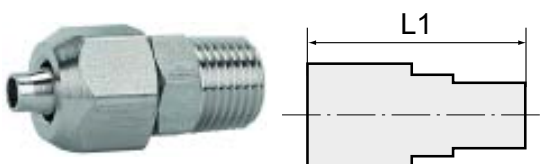
**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K-07 40 30 38	6 mm / 4 mm	60,0	30,0
K-07 40 30 39	8 mm / 6 mm	63,0	32,0

**Web:** <http://cat.hansa-flex.com/en/KTVBES>

### K-XVMK 5

Male connectors, conical male thread acc. to ISO 7-1, stainless steel



Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar  
**Recommended hoses:** PTFE hose  
**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)  
**Material:** Stainless steel 1.4404  
**Seal:** Pure metal

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	AF1 mm	AF2 mm
K-07 40 30 19	R 1/8	6 mm / 4 mm	26,0	12	10
K-07 40 30 20	R 1/8	8 mm / 6 mm	26,5	14	13



(Continued)

K-XVMK 5

## Male connectors, conical male thread acc. to ISO 7-1, stainless steel

Identification	Thread	for hose	L1 mm	AF1 mm	AF2 mm
K- 07 40 30 17	R 1/4	6 mm / 4 mm	29,5	12	14
K- 07 40 30 18	R 1/4	8 mm / 6 mm	30,0	14	14
K- 07 40 30 16	R 1/4	10 mm / 8 mm	32,5	16	14
K- 07 40 30 21	R 3/8	10 mm / 8 mm	33,0	16	17

Web: <http://cat.hansa-flex.com/en/KXVMK5>

K-VERBINDER VA

## Unions, stainless steel

Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

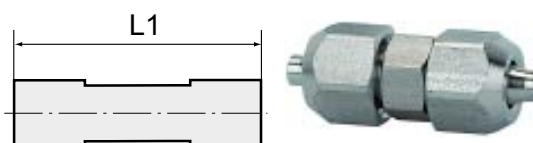
**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

**Material:** Stainless steel 1.4404

**Seal:** Pure metal

**Note:** Further information on request



Identification	for hose	L1 mm	AF1 mm	AF2 mm
K- 07 40 30 23	6 mm / 4 mm	34,0	12	10
K- 07 40 30 24	8 mm / 6 mm	35,0	14	12
K- 07 40 30 22	10 mm / 8 mm	39,0	16	14

Web: <http://cat.hansa-flex.com/en/KVERBINDERVA>

K-W90 AG-K ISO 7-1 VA

## Male elbows, conical male thread acc. to ISO 7-1, stainless steel

Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

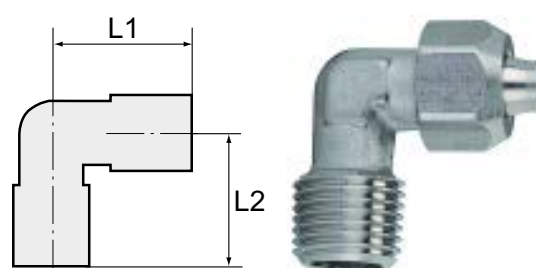
**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

**Material:** Stainless steel 1.4404

**Seal:** Pure metal

**Note:** Further information on request

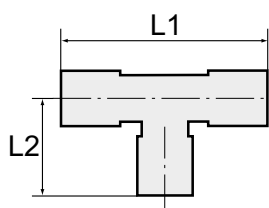


Identification	Thread	for hose	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 30 32	R 1/8	6 mm / 4 mm	23,0	17,0	12	10
K- 07 40 30 33	R 1/8	8 mm / 6 mm	23,0	17,0	14	10
K- 07 40 30 30	R 1/4	6 mm / 4 mm	23,0	21,5	12	10
K- 07 40 30 31	R 1/4	8 mm / 6 mm	23,0	21,5	14	10
K- 07 40 30 29	R 1/4	10 mm / 8 mm	26,0	21,5	16	12

Web: <http://cat.hansa-flex.com/en/KW90AGKISO71VA>

### K-T AG-K ISO 7-1 2 VA

#### Male branch tees, conical male thread acc. to ISO 7-1, stainless steel



Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

**Material:** Stainless steel 1.4404

**Seal:** Pure metal

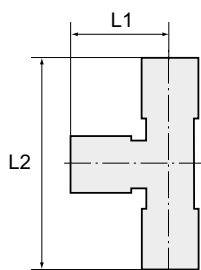
**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF1 mm	AF2 mm
K-07 40 30 43	R 1/8	6 mm / 4 mm	46,0	17,0	12	10
K-07 40 30 44	R 1/8	8 mm / 6 mm	46,0	17,0	14	10
K-07 40 30 41	R 1/4	6 mm / 4 mm	46,0	21,5	12	10
K-07 40 30 42	R 1/4	8 mm / 6 mm	46,0	21,5	14	10
K-07 40 30 40	R 1/4	10 mm / 8 mm	52,0	21,5	16	12

**Web:** <http://cat.hansa-flex.com/en/KTAGKISO712VA>

### K-L-AGR-K OR DRH VA

#### Male run tees, conical male thread acc. to ISO 7-1, stainless steel



Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

**Material:** Stainless steel 1.4404

**Seal:** Pure metal

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF1 mm	AF2 mm
K-07 40 30 51	R 1/8	6 mm / 4 mm	23,0	40,0	12	10
K-07 40 30 52	R 1/8	8 mm / 6 mm	23,0	40,0	14	10
K-07 40 30 49	R 1/4	6 mm / 4 mm	23,0	44,5	12	10
K-07 40 30 50	R 1/4	8 mm / 6 mm	23,0	44,5	14	10
K-07 40 30 48	R 1/4	10 mm / 8 mm	26,0	47,5	16	12

**Web:** <http://cat.hansa-flex.com/en/KLAGRKORDRHVA>



**K-W90 VERBINDER VA**

## Union elbows, stainless steel

Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

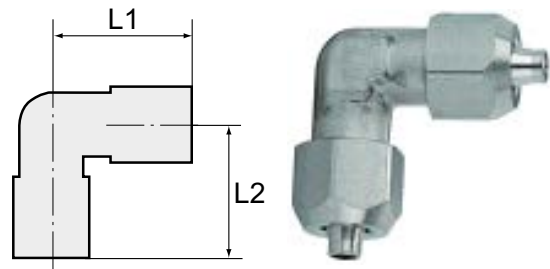
**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

**Material:** Stainless steel 1.4404

**Seal:** Pure metal

**Note:** Further information on request



Identification	for hose	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 30 36	6 mm / 4 mm	22,5	22,5	12	10
K- 07 40 30 37	8 mm / 6 mm	23,0	23,0	14	10
K- 07 40 30 35	10 mm / 8 mm	26,0	26,0	16	10

**Web:** <http://cat.hansa-flex.com/en/KW90VERBINDERVA>

**K-T-VB VA**

## Union tees, stainless steel

Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

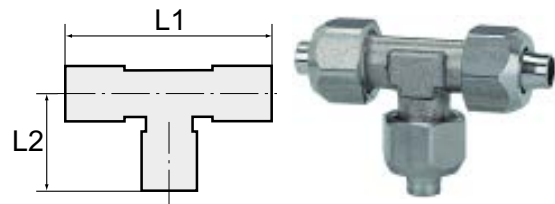
**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

**Material:** Stainless steel 1.4404

**Seal:** Pure metal

**Note:** Further information on request



Identification	for hose	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 30 46	6 mm / 4 mm	46,0	22,5	12	10
K- 07 40 30 47	8 mm / 6 mm	46,0	23,0	14	10
K- 07 40 30 45	10 mm / 8 mm	52,0	26,0	16	12

**Web:** <http://cat.hansa-flex.com/en/KTVBVA>

**K-UEM VA****Hexagonal swivel nuts, stainless steel**

Supplied without seals. For use with corrosive media and at high temperatures. Screw fitting series made of stainless steel for all applications where compliance with strict tightness, pressure and temperature requirements is essential. The parts are manufactured without rubber seals, in other words they are ideal for very high temperatures or for use with corrosive liquids, e.g. in cases when FPM is no longer suitable.

**Pressure range:** Max. 25 bar

**Recommended hoses:** PTFE hose

**Temp. range:** -40 °C to +200 °C (depending on the hose quality and diameter)

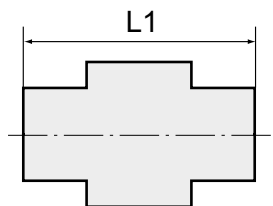
**Material:** Stainless steel 1.4404

**Seal:** Pure metal

**Note:** Further information on request

Identification	Thread	for hose	AF
K-07 40 30 53	M 10 x 1	6 mm / 4 mm	12 mm
K-07 40 30 54	M 12 x 1	8 mm / 6 mm	14 mm
K-07 40 30 55	M 14 x 1	10 mm / 8 mm	16 mm

**Web:** <http://cat.hansa-flex.com/en/KUEMVA>

**K-XVM ZYL POM BLAU****Male connectors, parallel male thread**

**Operating pressure:** 0 - 10 bar

**Temp. range:** -10 °C to +60 °C

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 33 15	G 1/8	6 mm / 4 mm	28,0	13 mm
K-07 40 33 16	G 1/8	8 mm / 6 mm	29,5	13 mm
K-07 40 33 17	G 1/4	6 mm / 4 mm	31,0	17 mm
K-07 40 33 18	G 1/4	8 mm / 6 mm	32,0	17 mm
K-07 40 33 19	G 1/4	12 mm / 9 mm	37,5	19 mm
K-07 40 33 20	G 1/4	10 mm / 8 mm	34,0	17 mm
K-07 40 33 21	G 3/8	8 mm / 6 mm	34,0	19 mm
K-07 40 33 22	G 3/8	10 mm / 8 mm	35,5	19 mm
K-07 40 33 23	G 3/8	12 mm / 9 mm	37,5	19 mm

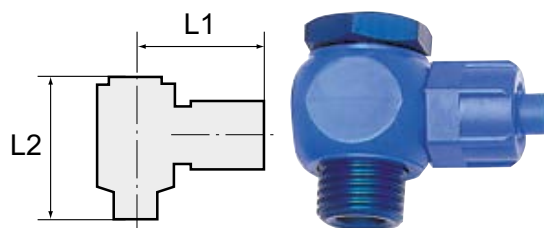
**Web:** <http://cat.hansa-flex.com/en/KXVMZYLPOMBLAU>

**K-W90 VERSCHR DREH HS ALU POM BLAU**

Union elbows with aluminium banjo bolt, swivel type

Operating pressure: 0 - 10 bar

Temp. range: -10 °C to +60 °C

**Note:** Further information on request

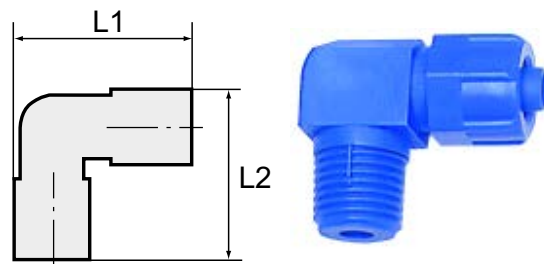
Identification	Thread	for hose	L1 mm	L2 mm
K- 07 40 33 24	G 1/8	6 mm / 4 mm	23,0	27,0
K- 07 40 33 25	G 1/8	8 mm / 6 mm	25,0	27,0
K- 07 40 33 26	G 1/4	6 mm / 4 mm	25,0	29,0
K- 07 40 33 27	G 1/4	8 mm / 6 mm	26,5	29,0

**Web:** <http://cat.hansa-flex.com/en/KW90VERSCHRDRHHSALUPOMBLAU>**K-W90 VERSCHR AG-K ISO 7-1 POM BLAU**

Union elbows, rigid, conical male thread acc. to ISO 7-1

Operating pressure: 0 - 10 bar

Temp. range: -10 °C to +60 °C

**Note:** Further information on request

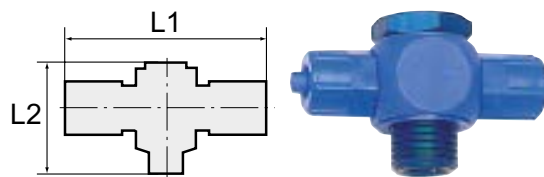
Identification	Thread	for hose	L1 mm	L2 mm
K- 07 40 33 28	R 1/8	6 mm / 4 mm	23,0	16,0
K- 07 40 33 29	R 1/8	8 mm / 6 mm	23,0	17,0
K- 07 40 33 30	R 1/4	6 mm / 4 mm	24,0	19,0
K- 07 40 33 31	R 1/4	8 mm / 6 mm	25,0	20,0
K- 07 40 33 32	R 1/4	12 mm / 9 mm	28,0	23,0
K- 07 40 33 33	R 3/8	12 mm / 9 mm	28,0	23,0

**Web:** <http://cat.hansa-flex.com/en/KW90VERSCHRAGKISO71POMBLAU>**K-T-VERSCHR DREH ALU POM BLAU**

Branch tees with aluminium banjo bolt, swivel type

Operating pressure: 0 - 10 bar

Temp. range: -10 °C to +60 °C

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm
K- 07 40 33 38	G 1/8	6 mm / 4 mm	47,0	27,0



**K-T-VERSCHR DREH ALU POM BLAU**

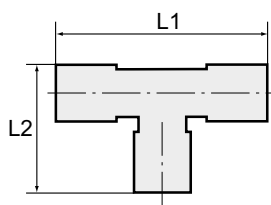
(Continued)

Branch tees with aluminium banjo bolt, swivel type

Identification	Thread	for hose	L1 mm	L2 mm
K-07 40 33 39	G 1/8	8 mm / 6 mm	49,0	27,0
K-07 40 33 40	G 1/4	6 mm / 4 mm	51,0	29,0
K-07 40 33 41	G 1/4	8 mm / 6 mm	53,0	29,0

Web: <http://cat.hansa-flex.com/en/KTVERSCHRDRHALUPOMBLAU>**K-T-VB STARR POM BLAU**

Branch tees, rigid



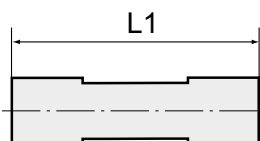
Operating pressure: 0 - 10 bar  
Temp. range: -10 °C to +60 °C

Note: Further information on request

Identification	for hose	L1 mm	L2 mm
K-07 40 33 42	6 mm / 4 mm	52,0	26,0
K-07 40 33 43	8 mm / 6 mm	52,0	26,0
K-07 40 33 44	12 mm / 9 mm	63,0	32,0

Web: <http://cat.hansa-flex.com/en/KTVBSTARRPOMBLAU>**K-SCHLAUCH VB POM BLAU**

Hose connectors



Operating pressure: 0 - 10 bar  
Temp. range: -10 °C to +60 °C

Note: Further information on request

Identification	for hose	L1 mm
K-07 40 42 33	6 mm / 4 mm	50,5
K-07 40 42 34	8 mm / 6 mm	51,3
K-07 40 42 35	12 mm / 9 mm	59,8

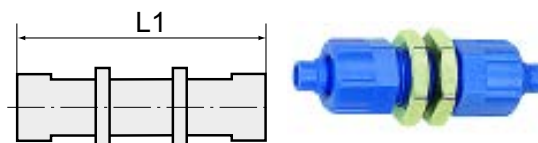
Web: <http://cat.hansa-flex.com/en/KSCHLAUCHVBPOMBLAU>

**K-SVB POM BLAU**

Bulkhead connectors, complete with fixing nuts

Operating pressure: 0 - 10 bar

Temp. range: -10 °C to +60 °C



Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K- 07 40 33 47	M 10 x 1	6 mm / 4 mm	50,0	13 mm
K- 07 40 33 48	M 12 x 1	8 mm / 6 mm	51,0	17 mm
K- 07 40 33 49	M 16 x 1	12 mm / 9 mm	60,0	19 mm

Web: <http://cat.hansa-flex.com/en/KSVBPOMBLAU>**K-KLM**

Clamping nuts

Operating pressure: 0 - 10 bar

Temp. range: -10 °C to +60 °C



Note: Further information on request

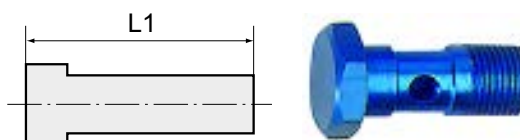
Identification	Thread	for hose	L1 mm	AF
K- 07 40 33 50	M 10 x 1	6 mm / 4 mm	13,0	12 mm
K- 07 40 33 51	M 12 x 1	8 mm / 6 mm	13,0	14 mm
K- 07 40 33 52	M 16 x 1	12 mm / 9 mm	14,0	19 mm
K- 07 40 33 53	M 14 x 1	10 mm / 8 mm	13,0	17 mm

Web: <http://cat.hansa-flex.com/en/KKLM>**K-HS ALU BLAU**

Aluminium banjo bolts

Operating pressure: 0 - 10 bar

Temp. range: -10 °C to +60 °C



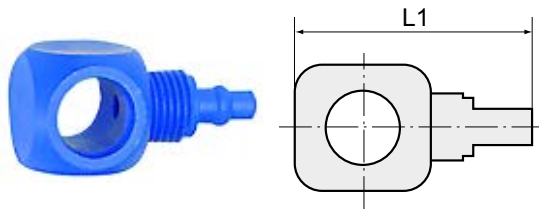
Note: Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 33 45	G 1/8	27,0	14 mm
K- 07 40 33 46	G 1/4	29,0	17 mm

Web: <http://cat.hansa-flex.com/en/KHSALUBLAU>

**K-BR POM BLAU**

## Single banjos



Operating pressure: 0 - 10 bar  
Temp. range: -10 °C to +60 °C

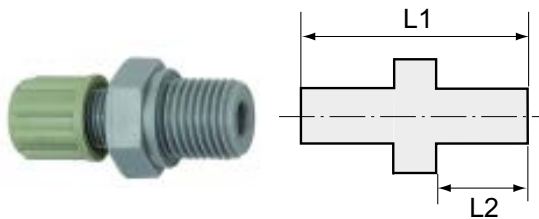
Note: Further information on request

Identification	Thread	for hose	L1 mm
K-07 40 33 34	for G 1/8	6 mm / 4 mm	31,0
K-07 40 33 35	for G 1/8	8 mm / 6 mm	33,0
K-07 40 33 36	for G 1/4	6 mm / 4 mm	35,0
K-07 40 33 37	for G 1/4	8 mm / 6 mm	36,5

Web: <http://cat.hansa-flex.com/en/KBRPOMBLAU>

**K-XVR**

## Male connectors with male G thread



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.  
Not suitable for use with acids.

Operating pressure: Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

Threaded connection body: Polyamide (PA)

Clamp ring: Polypropylene (PP)

Nut: Polypropylene (PP)

Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 32 30	G 1/8	4 mm / 6 mm	31,5	8,0	14 mm
K-07 40 32 31	G 1/8	6 mm / 8 mm	36,5	8,0	17 mm
K-07 40 32 32	G 1/8	8 mm / 10 mm	40,5	8,0	19 mm
K-07 40 32 33	G 1/8	9 mm / 12 mm	44,5	8,0	22 mm
K-07 40 32 34	G 1/4	4 mm / 6 mm	37,0	12,0	17 mm
K-07 40 32 35	G 1/4	6 mm / 8 mm	41,0	12,0	17 mm
K-07 40 32 36	G 1/4	8 mm / 10 mm	45,0	12,0	19 mm
K-07 40 32 37	G 1/4	9 mm / 12 mm	48,5	12,0	22 mm
K-07 40 32 38	G 3/8	4 mm / 6 mm	38,5	12,0	22 mm
K-07 40 32 39	G 3/8	6 mm / 8 mm	42,5	12,0	22 mm
K-07 40 32 40	G 3/8	8 mm / 10 mm	45,5	12,0	22 mm
K-07 40 32 41	G 3/8	9 mm / 12 mm	49,5	12,0	22 mm
K-07 40 32 42	G 1/2	4 mm / 6 mm	43,0	14,0	27 mm
K-07 40 32 43	G 1/2	6 mm / 8 mm	47,0	14,0	27 mm
K-07 40 32 44	G 1/2	8 mm / 10 mm	50,0	14,0	27 mm
K-07 40 32 45	G 1/2	9 mm / 12 mm	54,0	14,0	27 mm

Web: <http://cat.hansa-flex.com/en/KXVR>

**K-GAR IG**

## Female connectors with female G thread

Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

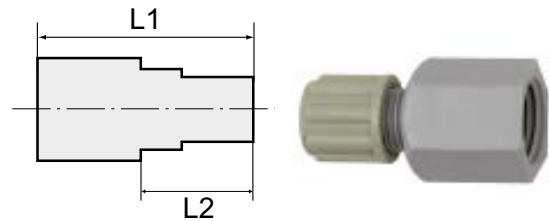
Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 32 46	G 1/8	4 mm / 6 mm	31,0	17,0	14 mm
K-07 40 32 47	G 1/8	6 mm / 8 mm	36,0	21,0	17 mm
K-07 40 32 48	G 1/8	8 mm / 10 mm	39,0	24,0	19 mm
K-07 40 32 49	G 1/8	9 mm / 12 mm	43,0	28,0	22 mm
K-07 40 32 50	G 1/4	4 mm / 6 mm	36,0	17,0	17 mm
K-07 40 32 51	G 1/4	6 mm / 8 mm	41,0	21,0	17 mm
K-07 40 32 52	G 1/4	8 mm / 10 mm	44,0	24,0	19 mm
K-07 40 32 53	G 1/4	9 mm / 12 mm	48,0	28,0	22 mm
K-07 40 32 54	G 3/8	4 mm / 6 mm	36,0	17,0	22 mm
K-07 40 32 55	G 3/8	6 mm / 8 mm	41,0	21,0	22 mm
K-07 40 32 56	G 3/8	8 mm / 10 mm	44,0	24,0	22 mm
K-07 40 32 57	G 3/8	9 mm / 12 mm	48,0	28,0	22 mm
K-07 40 32 58	G 1/2	4 mm / 6 mm	38,0	17,0	27 mm
K-07 40 32 59	G 1/2	6 mm / 8 mm	42,0	21,0	27 mm
K-07 40 32 60	G 1/2	8 mm / 10 mm	44,0	24,0	27 mm
K-07 40 32 61	G 1/2	9 mm / 12 mm	49,0	28,0	27 mm

**Web:** <http://cat.hansa-flex.com/en/KGARIG>

**K-W90 AG**

## Male elbows with male G thread

Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

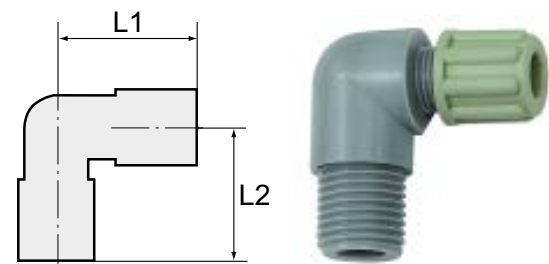
Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)



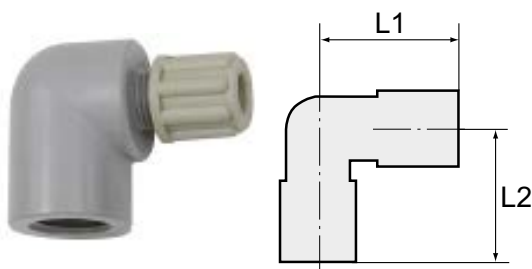
**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	Identification	Thread	for hose	L1 mm	L2 mm
K-07 40 32 82	G 1/8	4 mm / 6 mm	25,0	20,0	K-07 40 32 90	G 3/8	4 mm / 6 mm	29,0	30,0
K-07 40 32 83	G 1/8	6 mm / 8 mm	30,0	23,0	K-07 40 32 91	G 3/8	6 mm / 8 mm	33,0	27,0
K-07 40 32 84	G 1/8	8 mm / 10 mm	36,0	25,0	K-07 40 32 92	G 3/8	8 mm / 10 mm	36,0	29,0
K-07 40 32 85	G 1/8	9 mm / 12 mm	40,0	27,0	K-07 40 32 93	G 3/8	9 mm / 12 mm	40,0	31,0
K-07 40 32 86	G 1/4	4 mm / 6 mm	26,0	25,0	K-07 40 32 94	G 1/2	4 mm / 6 mm	32,0	29,0
K-07 40 32 87	G 1/4	6 mm / 8 mm	30,0	27,0	K-07 40 32 95	G 1/2	6 mm / 8 mm	36,0	29,0
K-07 40 32 88	G 1/4	8 mm / 10 mm	36,0	32,0	K-07 40 32 96	G 1/2	8 mm / 10 mm	39,0	31,0
K-07 40 32 89	G 1/4	9 mm / 12 mm	40,0	31,0	K-07 40 32 97	G 1/2	9 mm / 12 mm	43,0	33,0

**Web:** <http://cat.hansa-flex.com/en/KW90AG>

**K-W90 GAM IG**

## Female elbows with female G thread



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)

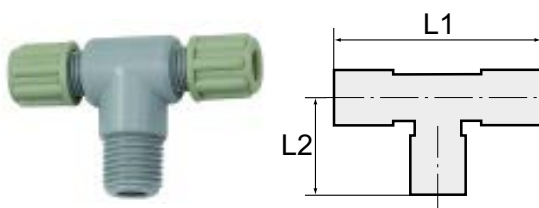
**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm
K-07 40 32 98	G 1/8	4 mm / 6 mm	26,0	17,0
K-07 40 32 99	G 1/8	6 mm / 8 mm	29,0	17,0
K-07 40 33 00	G 1/4	4 mm / 6 mm	29,0	20,0
K-07 40 33 01	G 1/4	6 mm / 8 mm	32,0	20,0
K-07 40 33 02	G 1/4	8 mm / 10 mm	35,0	20,0

**Web:** <http://cat.hansa-flex.com/en/KW90GAMIG>

**K-T AGR**

## Male branch tees with male G thread



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm
K-07 40 33 03	G 1/8	4 mm / 6 mm	52,0	20,0
K-07 40 33 04	G 1/8	6 mm / 8 mm	62,0	20,0
K-07 40 33 05	G 1/4	4 mm / 6 mm	54,0	27,0
K-07 40 33 06	G 1/4	6 mm / 8 mm	62,0	27,0

**Web:** <http://cat.hansa-flex.com/en/KTAGR>

**K-RAENDELMUTTER**

## Knurled nuts



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Nut:** Polypropylene (PP)

**Note:** Further information on request

Identification	Thread	for hose	L1 mm
K-07 40 33 07	M 10 x 1	4 mm / 6 mm	13,5





(Continued)

## K-RAENDELMUTTER

## Knurled nuts

Identification	Thread	for hose	L1 mm
K- 07 40 33 08	M 14 x 1.5	6 mm / 8 mm	17,0
K- 07 40 33 09	M 16 x 1.5	8 mm / 10 mm	18,0
K- 07 40 33 10	M 18 x 1.5	9 mm / 12 mm	20,0

**Web:** <http://cat.hansa-flex.com/en/KRAENDELMUTTER>

## K-KLR

## Clamping rings

Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Clamp ring:** Polypropylene (PP)



**Note:** Further information on request

Identification	for hose	L1 mm
K- 07 40 33 11	4 mm / 6 mm	6,0
K- 07 40 33 12	6 mm / 8 mm	8,0
K- 07 40 33 13	8 mm / 10 mm	10,0
K- 07 40 33 14	9 mm / 12 mm	11,0

**Web:** <http://cat.hansa-flex.com/en/KKLR>

## K-SCHLAUCH VB

## Hose connectors

Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

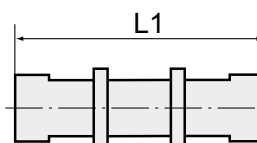
Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)



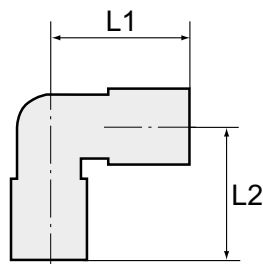
**Note:** Further information on request

Identification	for hose	L1 mm	AF
K- 07 40 32 62	4 mm / 6 mm	39,0	14 mm
K- 07 40 32 63	6 mm / 8 mm	49,0	19 mm
K- 07 40 32 64	8 mm / 10 mm	55,0	22 mm
K- 07 40 32 65	9 mm / 12 mm	64,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHVB>

## K-W90 SCHLAUCH VB

### Elbow hose connectors



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)

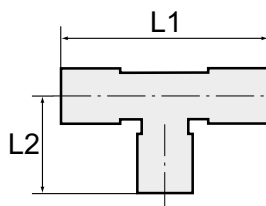
**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K-07 40 32 66	4 mm / 6 mm	25,0	25,0
K-07 40 32 67	6 mm / 8 mm	30,0	30,0
K-07 40 32 68	8 mm / 10 mm	36,0	36,0
K-07 40 32 69	9 mm / 12 mm	43,0	43,0

**Web:** <http://cat.hansa-flex.com/en/KW90SCHLAUCHVB>

## K-T-TUE

### Tee hose connectors



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)

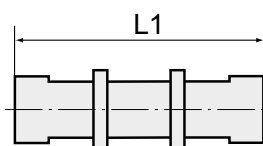
**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K-07 40 32 70	4 mm / 6 mm	52,0	26,0
K-07 40 32 71	6 mm / 8 mm	62,0	31,0
K-07 40 32 72	8 mm / 10 mm	72,0	36,0
K-07 40 32 73	9 mm / 12 mm	80,0	40,0

**Web:** <http://cat.hansa-flex.com/en/KTTUE>

## K-SCHOTTVERBINDUNGEN

### Bulkhead couplings



Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.

Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)

**Note:** Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 32 74	M 10 x 1	4 mm / 6 mm	53,0	14 mm
K-07 40 32 75	M 14 x 1.5	6 mm / 8 mm	64,0	19 mm



(Continued)

## K-SCHOTTVERBINDUNGEN

## Bulkhead couplings

Identification	Thread	for hose	L1 mm	AF
K- 07 40 32 76	M 16 x 1.5	8 mm / 10 mm	73,0	22 mm
K- 07 40 32 77	M 18 x 1.5	9 mm / 12 mm	84,0	24 mm

Web: <http://cat.hansa-flex.com/en/KSCHOTTVERBINDUNGEN>

## K-W90 SVB

## Bulkhead elbow couplings

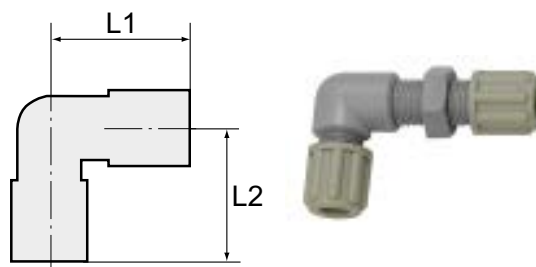
Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzene, diesel oil, fuel oil and alkalis.  
Not suitable for use with acids.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 60 °C)

**Threaded connection body:** Polyamide (PA)

**Clamp ring:** Polypropylene (PP)

**Nut:** Polypropylene (PP)



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 32 78	M 10 x 1	4 mm / 6 mm	43,0	25,0	14 mm
K- 07 40 32 79	M 14 x 1.5	6 mm / 8 mm	53,0	33,0	19 mm
K- 07 40 32 80	M 16 x 1.5	8 mm / 10 mm	58,0	36,0	22 mm
K- 07 40 32 81	M 18 x 1.5	9 mm / 12 mm	67,0	43,0	24 mm

Web: <http://cat.hansa-flex.com/en/KW90SVB>

## K-VERSCHRAUBUNGEN PP

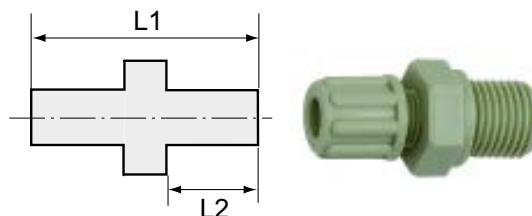
## Unions - polypropylene

Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C



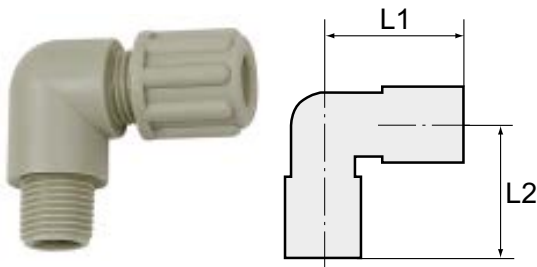
**Note:** Further information on request

Identification	for hose	Thread	L1 mm	L2 mm	AF
K- 07 40 40 96	4 mm / 6 mm	G 1/8	31,5	8,0	14 mm
K- 07 40 40 98	6 mm / 8 mm	G 1/8	36,5	8,0	17 mm
K- 07 40 41 00	8 mm / 10 mm	G 1/8	40,5	8,0	19 mm
K- 07 40 41 02	9 mm / 12 mm	G 1/8	44,5	8,0	22 mm
K- 07 40 41 03	4 mm / 6 mm	G 1/4	37,0	12,0	17 mm
K- 07 40 41 05	6 mm / 8 mm	G 1/4	41,0	12,0	17 mm
K- 07 40 41 07	8 mm / 10 mm	G 1/4	45,0	12,0	19 mm
K- 07 40 41 09	9 mm / 12 mm	G 1/4	49,0	12,0	22 mm
K- 07 40 41 11	4 mm / 6 mm	G 3/8	38,5	12,0	22 mm
K- 07 40 41 13	6 mm / 8 mm	G 3/8	42,5	12,0	22 mm
K- 07 40 41 15	8 mm / 10 mm	G 3/8	45,5	12,0	22 mm
K- 07 40 41 17	9 mm / 12 mm	G 3/8	49,5	12,0	22 mm
K- 07 40 41 19	4 mm / 6 mm	G 1/2	43,0	14,0	27 mm
K- 07 40 41 21	6 mm / 8 mm	G 1/2	47,0	14,0	27 mm
K- 07 40 41 23	8 mm / 10 mm	G 1/2	50,0	14,0	27 mm
K- 07 40 41 25	9 mm / 12 mm	G 1/2	54,0	14,0	27 mm

Web: <http://cat.hansa-flex.com/en/KVERSCHRAUBUNGENPP>

**K-W90 VERSCHR POLYPROPYLEN**

## Union elbows - polypropylene



Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C

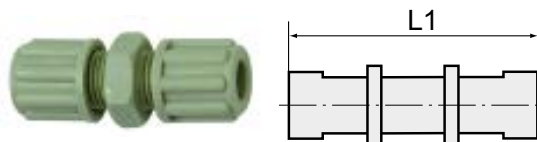
**Note:** Further information on request

Identification	for hose	Thread	L1 mm	L2 mm	Identification	for hose	Thread	L1 mm	L2 mm
K-07 40 41 79	4 mm / 6 mm	G 1/8	25,0	20,0	K-07 40 41 93	4 mm / 6 mm	G 3/8	29,0	30,0
K-07 40 41 81	6 mm / 8 mm	G 1/8	30,0	23,0	K-07 40 41 95	6 mm / 8 mm	G 3/8	33,0	27,0
K-07 40 41 83	8 mm / 10 mm	G 1/8	36,0	25,0	K-07 40 41 97	8 mm / 10 mm	G 3/8	36,0	29,0
K-07 40 41 85	9 mm / 12 mm	G 1/8	40,0	27,0	K-07 40 41 99	9 mm / 12 mm	G 3/8	40,0	31,0
K-07 40 41 86	4 mm / 6 mm	G 1/4	26,0	25,0	K-07 40 42 00	4 mm / 6 mm	G 1/2	32,0	29,0
K-07 40 41 88	6 mm / 8 mm	G 1/4	30,0	27,0	K-07 40 42 02	6 mm / 8 mm	G 1/2	36,0	29,0
K-07 40 41 90	8 mm / 10 mm	G 1/4	36,0	32,0	K-07 40 42 04	8 mm / 10 mm	G 1/2	39,0	31,0
K-07 40 41 92	9 mm / 12 mm	G 1/4	40,0	31,0	K-07 40 42 06	9 mm / 12 mm	G 1/2	43,0	33,0

**Web:** <http://cat.hansa-flex.com/en/KW90VERSCHRPOLYPROPYLEN>

**K-SCHLAUCH VB POLYPROP**

## Hose connectors - polypropylene



Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C

**Note:** Further information on request

Identification	for hose	L1 mm	AF
K-07 40 41 47	4 mm / 6 mm	39,0	14 mm
K-07 40 41 51	6 mm / 8 mm	49,0	19 mm
K-07 40 41 53	8 mm / 10 mm	55,0	22 mm
K-07 40 41 55	9 mm / 12 mm	64,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHVBPOLYPROP>

**K-W90 SCHLAUCH VB POLYPROPY**

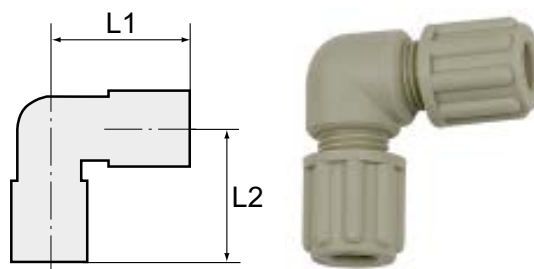
## Elbow hose connectors - polypropylene

Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C



**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K- 07 40 41 57	4 mm / 6 mm	25,0	25,0
K- 07 40 41 59	6 mm / 8 mm	30,0	30,0
K- 07 40 41 61	8 mm / 10 mm	36,0	36,0
K- 07 40 41 63	9 mm / 12 mm	43,0	43,0

**Web:** <http://cat.hansa-flex.com/en/KW90SCHLAUCHVBPOLYPROPY>

**K-T-TUE POLYPROPYLEN**

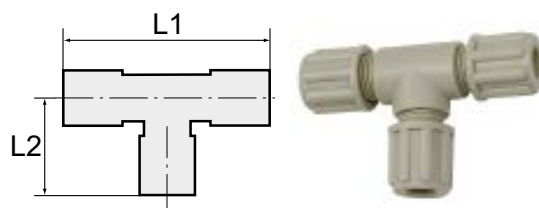
## Tee hose connectors - polypropylene

Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C



**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K- 07 40 41 64	4 mm / 6 mm	52,0	26,0
K- 07 40 41 66	6 mm / 8 mm	62,0	31,0
K- 07 40 41 68	8 mm / 10 mm	72,0	36,0
K- 07 40 41 70	9 mm / 12 mm	80,0	40,0

**Web:** <http://cat.hansa-flex.com/en/KTTUEPOLYPROPYLEN>

**K-SCHOTTVERB POLYPROPYLEN**

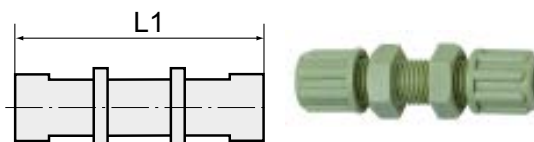
## Bulkhead couplings - polypropylene

Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C



**Note:** Further information on request

Identification	for hose	Thread	L1 mm	AF
K- 07 40 41 71	4 mm / 6 mm	M 10 x 1	53,0	14 mm
K- 07 40 41 72	6 mm / 8 mm	M 14 x 1.5	64,0	19 mm



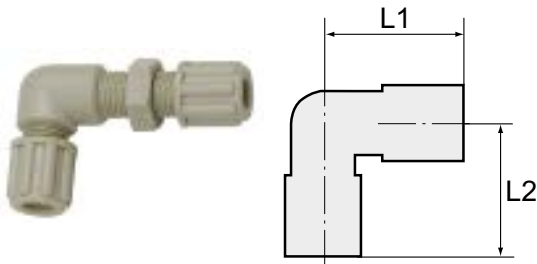
**K-SCHOTTVERB POLYPROPYLEN**

(Continued)

**Bulkhead couplings - polypropylene**

Identification	for hose	Thread	L1 mm	AF
K-07 40 41 73	8 mm / 10 mm	M 16 x 1.5	73,0	22 mm
K-07 40 41 74	9 mm / 12 mm	M 18 x 1.5	84,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTVERBPOLYPROPYLEN>

**K-W90 SVB POLYPROPYLEN****Bulkhead elbow couplings - polypropylene**

Chemically resistant to almost all inorganic acids and bases, even in high concentrations and at temperatures greater than 90 °C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 2.5 bar (at 90 °C)

**Material:** Polypropylene (PP)

**Operating temperature:** Max. 90 °C

**Note:** Further information on request

Identification	for hose	Thread	L1 mm	L2 mm	AF
K-07 40 41 75	4 mm / 6 mm	M 10 x 1	43,0	25,0	14 mm
K-07 40 41 76	6 mm / 8 mm	M 14 x 1.5	53,0	33,0	19 mm
K-07 40 41 77	8 mm / 10 mm	M 16 x 1.5	58,0	36,0	22 mm
K-07 40 41 78	9 mm / 12 mm	M 18 x 1.5	67,0	43,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KW90SVBPOLYPROPYLEN>

**K-RAENDELMUTTER PFA****Knurled nuts - Perfluoroalkoxy alkane (PFA)**

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

**Operating temperature:** Max. 200 °C

**Material:** Perfluoroalkoxy alkane (PFA)



**Note:** Further information on request

Identification	Thread	for hose	L1 mm
K-07 40 42 37	M 10 x 1	4 mm / 6 mm	13,5
K-07 40 42 38	M 14 x 1.5	6 mm / 8 mm	17,0
K-07 40 42 39	M 16 x 1.5	8 mm / 10 mm	18,0
K-07 40 42 40	M 18 x 1.5	9 mm / 12 mm	20,0

**Web:** <http://cat.hansa-flex.com/en/KRAENDELMUTTERPFA>

## K-VERSCHRAUBUNGEN PFA

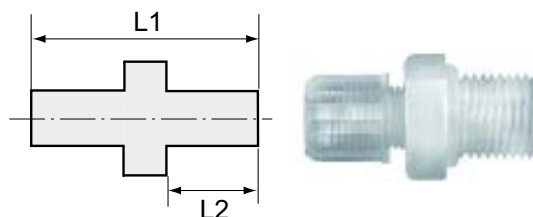
## Unions - Perfluoroalkoxy alkane (PFA)

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

**Operating temperature:** Max. 200 °C

**Material:** Perfluoroalkoxy alkane (PFA)



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 40 97	G 1/8	4 mm / 6 mm	31,5	8,0	14 mm
K-07 40 40 99	G 1/8	6 mm / 8 mm	36,5	8,0	17 mm
K-07 40 41 01	G 1/8	8 mm / 10 mm	40,5	8,0	19 mm
K-07 40 41 04	G 1/4	4 mm / 6 mm	37,0	12,0	17 mm
K-07 40 41 06	G 1/4	6 mm / 8 mm	41,0	12,0	17 mm
K-07 40 41 08	G 1/4	8 mm / 10 mm	45,0	12,0	19 mm
K-07 40 41 10	G 1/4	9 mm / 12 mm	48,5	12,0	22 mm
K-07 40 41 12	G 3/8	4 mm / 6 mm	38,5	12,0	22 mm
K-07 40 41 14	G 3/8	6 mm / 8 mm	42,5	12,0	22 mm
K-07 40 41 16	G 3/8	8 mm / 10 mm	45,5	12,0	22 mm
K-07 40 41 18	G 3/8	9 mm / 12 mm	49,5	12,0	22 mm
K-07 40 41 20	G 1/2	4 mm / 6 mm	43,0	14,0	27 mm
K-07 40 41 22	G 1/2	6 mm / 8 mm	47,0	14,0	27 mm
K-07 40 41 24	G 1/2	8 mm / 10 mm	50,0	14,0	27 mm
K-07 40 41 26	G 1/2	9 mm / 12 mm	54,0	14,0	27 mm

**Web:** <http://cat.hansa-flex.com/en/KVERSCHRAUBUNGENPFA>

## K-W90 VERSCHR PFA

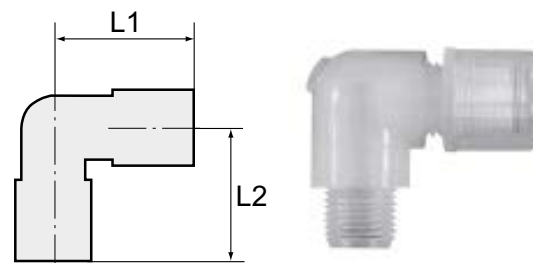
## Union elbows - Perfluoroalkoxy alkane (PFA)

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

**Operating temperature:** Max. 200 °C

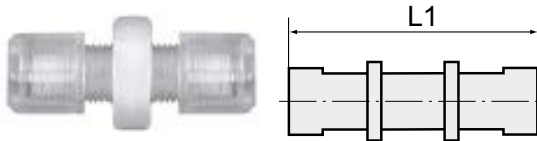
**Material:** Perfluoroalkoxy alkane (PFA)



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	L2 mm
K-07 40 41 80	G 1/8	4 mm / 6 mm	25,0	20,0
K-07 40 41 82	G 1/8	6 mm / 8 mm	30,0	23,0
K-07 40 41 84	G 1/8	8 mm / 10 mm	36,0	25,0
K-07 40 41 87	G 1/4	4 mm / 6 mm	26,0	25,0
K-07 40 41 89	G 1/4	6 mm / 8 mm	30,0	27,0
K-07 40 41 91	G 1/4	8 mm / 10 mm	36,0	32,0
K-07 40 41 94	G 3/8	4 mm / 6 mm	29,0	30,0
K-07 40 41 96	G 3/8	6 mm / 8 mm	33,0	27,0
K-07 40 41 98	G 3/8	8 mm / 10 mm	36,0	29,0
K-07 40 42 01	G 1/2	4 mm / 6 mm	32,0	29,0
K-07 40 42 03	G 1/2	6 mm / 8 mm	36,0	29,0
K-07 40 42 05	G 1/2	8 mm / 10 mm	39,0	31,0

**Web:** <http://cat.hansa-flex.com/en/KW90VERSCHRPFPA>

**K-SCHLAUCH VB PFA****Hose connectors - Perfluoroalkoxy alkane (PFA)**

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

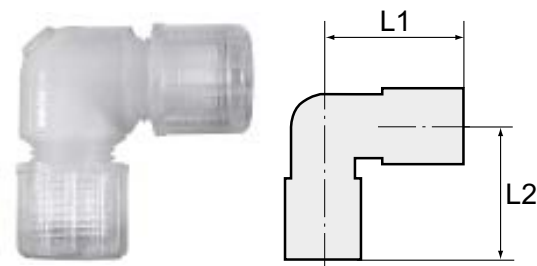
**Operating temperature:** Max. 200 °C

**Material:** Perfluoroalkoxy alkane (PFA)

**Note:** Further information on request

Identification	for hose	L1 mm	AF
K-07 40 41 48	4 mm / 6 mm	39,0	14 mm
K-07 40 41 52	6 mm / 8 mm	49,0	19 mm
K-07 40 41 54	8 mm / 10 mm	55,0	22 mm
K-07 40 41 56	9 mm / 12 mm	64,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHVBPFA>

**K-W90 SCHLAUCH VB PFA****Elbow hose connectors - Perfluoroalkoxy alkane (PFA)**

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

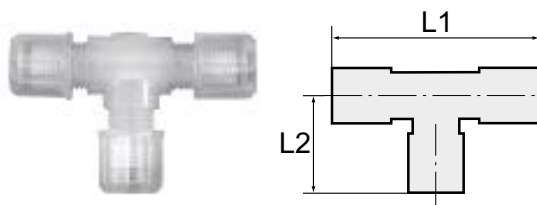
**Operating temperature:** Max. 200 °C

**Material:** Perfluoroalkoxy alkane (PFA)

**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K-07 40 41 58	4 mm / 6 mm	25,0	25,0
K-07 40 41 60	6 mm / 8 mm	30,0	30,0
K-07 40 41 62	8 mm / 10 mm	36,0	36,0

**Web:** <http://cat.hansa-flex.com/en/KW90SCHLAUCHVBPFA>

**K-T-TUE PFA****Tee hose connectors - Perfluoroalkoxy alkane (PFA)**

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

**Operating temperature:** Max. 200 °C

**Material:** Perfluoroalkoxy alkane (PFA)

**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm
K-07 40 41 65	4 mm / 6 mm	52,0	26,0





(Continued)

K-T-TUE PFA

## Tee hose connectors - Perfluoroalkoxy alkane (PFA)

Identification	for hose	L1 mm	L2 mm
K- 07 40 41 67	6 mm / 8 mm	62,0	31,0
K- 07 40 41 69	8 mm / 10 mm	72,0	36,0

Web: <http://cat.hansa-flex.com/en/KTTUEPFA>

K-SCHNEID DICHRINGE PEEK

## Bite-type tube fittings and seals - PEEK, PTFE seals

Perfluoroalkoxy alkane (PFA): A fluoroplastic (PTFE) with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

**Operating pressure:** Dependent on operating temperature; Max. 10 bar (at 20 °C); Max. 1 bar (at 170 °C)

**Operating temperature:** Max. 200 °C

**Material:** Perfluoroalkoxy alkane (PFA)



**Note:** Further information on request

Identification	for hose
K- 07 40 42 64	4 mm / 6 mm
K- 07 40 42 66	6 mm / 8 mm
K- 07 40 42 67	8 mm / 10 mm
K- 07 40 42 68	9 mm / 12 mm

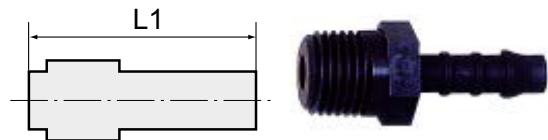
Web: <http://cat.hansa-flex.com/en/KSCHNEIDDICHRINGEPEEK>

K-GE AGR-K

## Male stud couplings, polyamide, conical male thread acc. to ISO 7-1

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C



**Note:** Further information on request

Identification	Thread	for hose	L1 mm	max. permissible overpressure		AF
				bar		
K- 07 40 16 63	M 5	LW 3 mm	19,5	10		6 mm
K- 07 40 16 64	R 1/8	LW 4 mm	27,0	10		10 mm
K- 07 40 16 65	R 1/8	LW 6 mm	32,5	10		10 mm
K- 07 40 16 66	R 1/8	LW 8 mm	38,0	10		14 mm
K- 07 40 16 67	R 1/4	LW 4 mm	32,0	10		14 mm
K- 07 40 16 68	R 1/4	LW 5 mm	36,0	10		14 mm
K- 07 40 16 69	R 1/4	LW 6 mm	37,5	10		14 mm
K- 07 40 16 71	R 1/4	LW 10 mm	43,5	10		14 mm
K- 07 40 16 70	R 1/4	LW 8 mm	41,0	10		14 mm
K- 07 40 16 72	R 3/8	LW 6 mm	39,0	10		17 mm
K- 07 40 16 73	R 3/8	LW 8 mm	41,0	10		17 mm
K- 07 40 16 74	R 3/8	LW 10 mm	43,5	10		17 mm
K- 07 40 16 75	R 3/8	LW 12 mm	45,5	10		17 mm
K- 07 40 16 76	R 1/2	LW 8 mm	49,0	10		22 mm
K- 07 40 16 77	R 1/2	LW 12 mm	54,0	10		22 mm
K- 07 40 16 78	R 1/2	LW 16 mm	58,0	10		22 mm
K- 07 40 46 50	R 3/4	LW 16 mm	58,0	10		27 mm

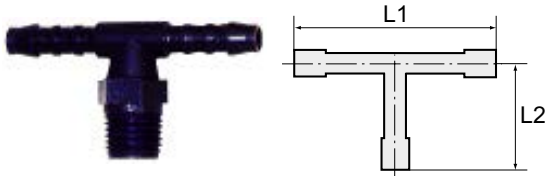


**K-GE AGR-K**

(Continued)

**Male stud couplings, polyamide, conical male thread acc. to ISO 7-1**

Identification	Thread	for hose	L1 mm	max. permissible overpressure bar	AF
K-07 40 46 51	R 3/4	LW 19 mm	58,0	10	27 mm
K-07 40 46 52	R 1	LW 25 mm	69,0	10	32 mm

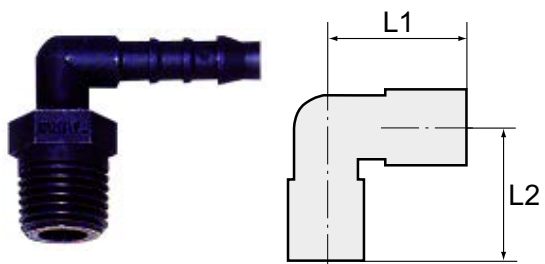
Web: <http://cat.hansa-flex.com/en/KGEAGRK>**K-T-EINSCHR STUTZEN****Male stud tees, polyamide, conical male thread acc. to ISO 7-1**

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

Temp. range: -40 °C to +90 °C

Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	max. permissible overpressure bar	AF
K-07 40 16 79	R 1/8	LW 4 mm	42,0	18,0	10	10 mm
K-07 40 16 80	R 1/8	LW 6 mm	57,0	21,0	10	10 mm
K-07 40 16 81	R 1/4	LW 4 mm	42,0	23,0	10	14 mm
K-07 40 16 82	R 1/4	LW 6 mm	57,0	26,0	10	14 mm
K-07 40 16 83	R 1/4	LW 8 mm	66,0	27,5	10	14 mm
K-07 40 46 53	R 3/8	LW 10 mm	71,0	30,0	10	17 mm

Web: <http://cat.hansa-flex.com/en/KTEINSCHRSTUTZEN>**K-W90 AG-K POLYAMID ISO 7-1****Male stud elbows, polyamide, conical male thread acc. to ISO 7-1**

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

Temp. range: -40 °C to +90 °C

Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	max. permissible overpressure bar	AF
K-07 40 16 84	R 1/8	LW 4 mm	16,0	21,0	10	10 mm
K-07 40 16 85	R 1/8	LW 6 mm	21,0	28,5	10	10 mm
K-07 40 46 54	R 1/8	LW 8 mm	23,0	33,0	10	14 mm
K-07 40 16 86	R 1/4	LW 4 mm	25,0	21,0	10	14 mm
K-07 40 16 87	R 1/4	LW 6 mm	26,0	28,5	10	14 mm
K-07 40 16 88	R 1/4	LW 8 mm	27,5	33,0	10	14 mm
K-07 40 16 89	R 1/4	LW 10 mm	30,0	38,0	10	14 mm
K-07 40 16 90	R 3/8	LW 6 mm	27,0	28,5	10	17 mm
K-07 40 16 91	R 3/8	LW 8 mm	31,0	36,0	10	17 mm
K-07 40 16 92	R 3/8	LW 10 mm	30,0	38,0	10	17 mm
K-07 40 16 93	R 3/8	LW 12 mm	31,0	40,5	10	17 mm
K-07 40 16 94	R 1/2	LW 8 mm	36,0	36,0	10	22 mm



(Continued)

**K-W90 AG-K POLYAMID ISO 7-1****Male stud elbows, polyamide, conical male thread acc. to ISO 7-1**

Identification	Thread	for hose	L1	L2	max. permissible overpressure		AF
			mm	mm	bar		
K- 07 40 16 95	R 1/2	LW 12 mm	36,0	40,5	10		22 mm
K- 07 40 46 55	R 3/4	LW 19 mm	42,8	45,5	10		27 mm

**Web:** <http://cat.hansa-flex.com/en/KW90AGKPOLYAMIDISO71>

**K-BLINDSTOPFEN POLYAMID****Blanking plugs, polyamide, conical male thread acc. to ISO 7-1**

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C



3

**Note:** Further information on request

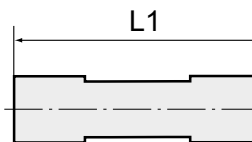
Identification	Thread	L1	max. permissible overpressure		AF
			mm	bar	
K- 07 40 16 96	R 1/8	12,0	10		10 mm
K- 07 40 16 97	R 1/4	17,0	10		14 mm
K- 07 40 16 98	R 3/8	27,0	10		17 mm
K- 07 40 16 99	R 1/2	27,5	10		22 mm

**Web:** <http://cat.hansa-flex.com/en/KBLINDSTOPFENPOLYAMID>

**K-SCHLAUCH STUTZEN POM****Hose connectors, POM**

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

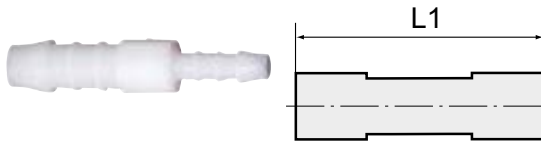
**Temp. range:** -40 °C to +90 °C



**Note:** Further information on request

Identification	for hose	L1	max. permissible overpressure	
			mm	bar
K- 07 40 17 00	LW 3 mm	25,0	10	
K- 07 40 17 01	LW 4 mm	35,0	10	
K- 07 40 17 02	LW 5 mm	45,0	10	
K- 07 40 17 03	LW 6 mm	49,0	10	
K- 07 40 17 04	LW 8 mm	56,0	10	
K- 07 40 17 05	LW 10 mm	63,0	10	
K- 07 40 17 06	LW 12 mm	66,5	10	
K- 07 40 17 07	LW 13 mm	73,0	10	
K- 07 40 17 08	LW 16 mm	75,0	10	
K- 07 40 17 09	LW 19 mm	76,0	10	
K- 07 40 46 56	LW 25 mm	95,0	10	

**Web:** <http://cat.hansa-flex.com/en/KSCHLAUCHSTUTZENPOM>

**K-REDUZIERSTUTZEN POM****Hose connectors, unequal, POM**

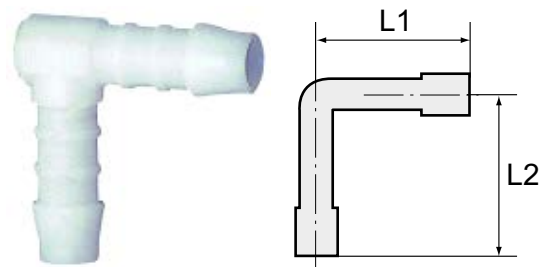
Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C

**Note:** Further information on request

Identification	for hose	L1 mm	max. permissible overpressure bar
K-07 40 17 10	LW 4 mm / 3 mm	30,0	10
K-07 40 17 11	LW 6 mm / 4 mm	42,5	10
K-07 40 17 12	LW 8 mm / 4 mm	48,0	10
K-07 40 17 13	LW 8 mm / 6 mm	54,0	10
K-07 40 17 14	LW 10 mm / 6 mm	58,0	10
K-07 40 17 15	LW 10 mm / 8 mm	60,5	10
K-07 40 17 16	LW 12 mm / 8 mm	62,5	10
K-07 40 17 17	LW 12 mm / 10 mm	64,0	10

**Web:** <http://cat.hansa-flex.com/en/KREDUZIERSTUTZENPOM>

**K-W90 SCHLAUCH VB STU POM****Hose union elbows, POM**

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C

**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm	max. permissible overpressure bar
K-07 40 17 18	LW 3 mm	12,5	12,5	10
K-07 40 17 19	LW 4 mm	17,5	19,5	10
K-07 40 17 20	LW 5 mm	21,0	22,0	10
K-07 40 17 21	LW 6 mm	25,0	26,0	10
K-07 40 17 22	LW 8 mm	29,0	30,0	10
K-07 40 17 23	LW 10 mm	31,0	33,5	10
K-07 40 17 24	LW 12 mm	34,5	36,0	10
K-07 40 17 25	LW 13 mm	36,5	38,5	10
K-07 40 17 26	LW 16 mm	40,5	45,0	10
K-07 40 17 27	LW 19 mm	43,5	46,0	10
K-07 40 46 57	LW 25 mm	52,5	52,5	10

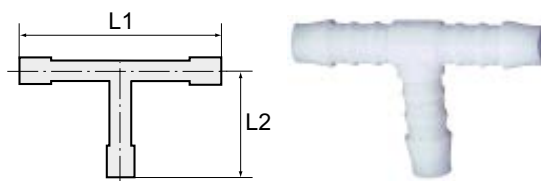
**Web:** <http://cat.hansa-flex.com/en/KW90SCHLAUCHVBSTUPOM>

**K-T-SCHLAUCH VB STUTZEN POM**

## Tee hose connectors, POM

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C



**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm	max. permissible overpressure bar
K- 07 40 17 28	LW 3 mm	25,0	12,5	10
K- 07 40 17 29	LW 4 mm	35,0	19,5	10
K- 07 40 17 30	LW 5 mm	42,0	22,0	10
K- 07 40 17 31	LW 6 mm	50,0	26,0	10
K- 07 40 17 32	LW 8 mm	58,0	30,0	10
K- 07 40 17 33	LW 10 mm	62,5	33,5	10
K- 07 40 17 34	LW 12 mm	69,0	36,0	10
K- 07 40 17 35	LW 13 mm	69,0	36,0	10
K- 07 40 17 36	LW 16 mm	81,0	45,0	10
K- 07 40 17 37	LW 19 mm	85,0	45,0	10
K- 07 40 46 58	LW 25 mm	105,0	52,5	10

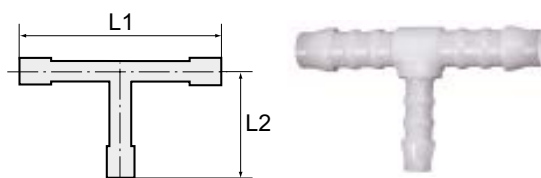
**Web:** <http://cat.hansa-flex.com/en/KTSCHLAUCHVBSTUTZENPOM>

**K-T-RED STUTZEN 3 POM**

## Reducing T push-on connectors, POM

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

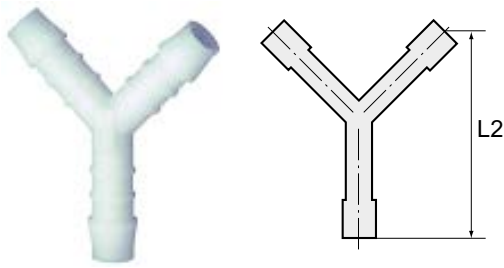
**Temp. range:** -40 °C to +90 °C



**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm	max. permissible overpressure bar
K- 07 40 46 59	LW 3 mm / 4 mm / 3 mm	25,0	17,5	10
K- 07 40 46 60	LW 4 mm / 6 mm / 4 mm	37,0	24,0	10
K- 07 40 46 61	LW 6 mm / 4 mm / 6 mm	49,0	20,5	10
K- 07 40 46 62	LW 8 mm / 4 mm / 8 mm	56,0	22,0	10
K- 07 40 46 63	LW 8 mm / 6 mm / 8 mm	56,0	28,0	10
K- 07 40 46 64	LW 10 mm / 6 mm / 10 mm	62,0	28,0	10
K- 07 40 46 65	LW 10 mm / 8 mm / 10 mm	62,0	31,0	10
K- 07 40 46 66	LW 12 mm / 6 mm / 12 mm	69,0	29,0	10
K- 07 40 46 67	LW 12 mm / 8 mm / 12 mm	69,0	31,0	10
K- 07 40 46 68	LW 12 mm / 10 mm / 12 mm	69,0	33,0	10
K- 07 40 46 69	LW 18 mm / 10 mm / 18 mm	79,0	36,0	10
K- 07 40 46 70	LW 18 mm / 15 mm / 18 mm	80,0	44,0	10

**Web:** <http://cat.hansa-flex.com/en/KTREDSTUTZEN3POM>

**K-Y-SCHLAUCHVERB W9 POM****Y-hose connectors, 90° angle, POM**

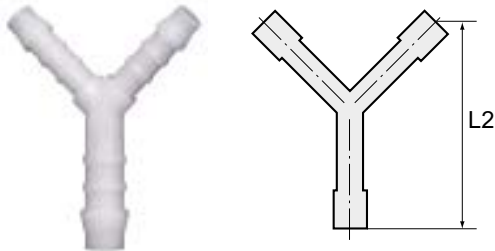
Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C

**Note:** Further information on request

Identification	for hose	L2 mm	max. permissible overpressure	
			bar	
K-07 40 17 38	LW 3 mm	21,0	10	
K-07 40 17 39	LW 4 mm	25,5	10	
K-07 40 17 40	LW 5 mm	43,0	10	
K-07 40 17 41	LW 6 mm	44,0	10	
K-07 40 17 42	LW 8 mm	51,0	10	
K-07 40 17 43	LW 10 mm	54,0	10	
K-07 40 17 44	LW 12 mm	64,0	10	
K-07 40 17 45	LW 13 mm	65,0	10	
K-07 40 17 46	LW 16 mm	67,0	10	
K-07 40 17 47	LW 19 mm	72,0	10	

**Web:** <http://cat.hansa-flex.com/en/KYSCHLAUCHVERBW9POM>

**K-Y-RED POM****Reducing Y push-on connectors, POM**

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C

**Note:** Further information on request

Identification	for hose	L2 mm	max. permissible overpressure	
			bar	
K-07 40 46 71	LW 4 mm / 6 mm / 4 mm	35,0	10	
K-07 40 46 72	LW 6 mm / 8 mm / 6 mm	49,0	10	

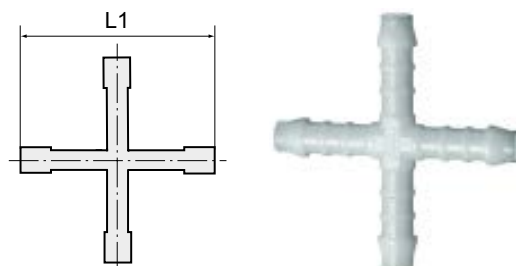
**Web:** <http://cat.hansa-flex.com/en/KYREDPOM>

**K-K VERBINDUNGSSTUTZEN POM**

Cross push-on connectors, POM

Lightweight tube connectors distinguished by high strength, toughness, resistance to abrasion and impact resistance. Resistant to: Acetone, benzene, butane, alcohols, diesel fuels, crude oil, natural gas, ethanol, fruit juices, glycerine, fuel oil, hydraulic fluids, aliphatic ketones, carbon dioxide, carbonic acid, engine oils, methanol, propane, liquefied gas, lubricating oils, lubricating greases, town gas, washing liquor and water.

**Temp. range:** -40 °C to +90 °C



**Note:** Further information on request

Identification	for hose	L1 mm	max. permissible overpressure	
			bar	
K- 07 40 46 73	LW 4 mm	39,0	10	
K- 07 40 46 74	LW 6 mm	48,0	10	
K- 07 40 46 75	LW 12 mm	69,0	10	

**Web:** <http://cat.hansa-flex.com/en/KKVERBINDUNGSSTUTZENPOM>

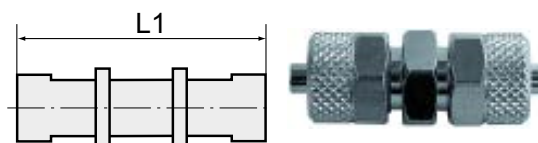
**K-VERBINDER**

Unions

**Max. working pressure:** 18 bar

**Suitable hose materials:** PA, PE, PU

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	for hose	L1 mm	AF	
			mm	
K- 07 40 33 69	5 mm / 3 mm	28,5	8 mm	
K- 07 40 33 70	6 mm / 4 mm	34,5	12 mm	
K- 07 40 33 71	8 mm / 6 mm	35,0	14 mm	
K- 07 40 33 67	10 mm / 8 mm	38,0	14 mm	
K- 07 40 33 68	12 mm / 10 mm	41,0	17 mm	

**Web:** <http://cat.hansa-flex.com/en/KVERBINDER>

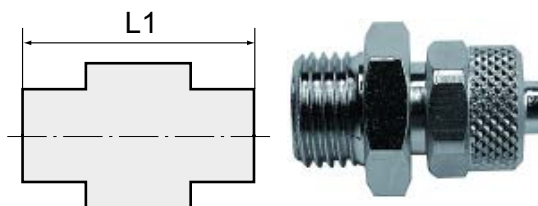
**K-XVM ZYL 2**

Male connectors, parallel male thread

**Max. working pressure:** 18 bar

**Suitable hose materials:** PA, PE, PU

**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	for hose	L1	
			mm	
K- 07 40 33 54	M 5	5 mm / 3 mm	21,0	



**K-XVM ZYL 2**

(Continued)

**Male connectors, parallel male thread**

Identification	Thread	for hose	L1 mm	AF
K-07 40 33 55	M 5	6 mm / 4 mm	21,0	8 mm
K-07 40 33 60	G 1/8	5 mm / 3 mm	23,0	14 mm
K-07 40 33 61	G 1/8	6 mm / 4 mm	25,5	13 mm
K-07 40 33 62	G 1/8	8 mm / 6 mm	25,5	14 mm
K-07 40 33 59	G 1/8	10 mm / 8 mm	27,5	14 mm
K-07 40 33 57	G 1/4	6 mm / 4 mm	28,0	16 mm
K-07 40 33 58	G 1/4	8 mm / 6 mm	28,0	16 mm
K-07 40 33 56	G 1/4	10 mm / 8 mm	29,5	16 mm
K-07 40 33 65	G 3/8	6 mm / 4 mm	29,0	19 mm
K-07 40 33 66	G 3/8	8 mm / 6 mm	29,0	19 mm
K-07 40 33 63	G 3/8	10 mm / 8 mm	30,5	19 mm
K-07 40 33 64	G 3/8	12 mm / 10 mm	32,0	19 mm

Web: <http://cat.hansa-flex.com/en/KXVMZYL2>**K-GAM IG 4****Female connectors, female thread**

Max. working pressure: 18 bar

Suitable hose materials: PA, PE, PU

Material: Nickel-plated brass

Note: Further information on request

Identification	Thread	for hose	L1 mm	AF
K-07 40 33 77	G 1/8	6 mm / 4 mm	25,0	14 mm
K-07 40 33 78	G 1/8	8 mm / 6 mm	25,0	14 mm
K-07 40 33 75	G 1/4	6 mm / 4 mm	29,0	17 mm
K-07 40 33 76	G 1/4	8 mm / 6 mm	29,0	17 mm
K-07 40 33 74	G 1/4	10 mm / 8 mm	30,5	17 mm
K-07 40 33 73	G 1/2	8 mm / 6 mm	33,0	24 mm
K-07 40 33 72	G 1/2	10 mm / 8 mm	34,5	24 mm
K-07 40 33 80	G 3/8	6 mm / 4 mm	29,5	20 mm
K-07 40 33 81	G 3/8	8 mm / 6 mm	29,5	20 mm
K-07 40 33 79	G 3/8	10 mm / 8 mm	31,0	20 mm

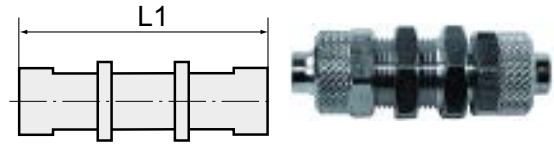
Web: <http://cat.hansa-flex.com/en/KGAMIG4>



## K-SV 6 4

## Bulkhead connectors

**Max. working pressure:** 18 bar  
**Suitable hose materials:** PA, PE, PU  
**Material:** Nickel-plated brass



**Note:** Further information on request

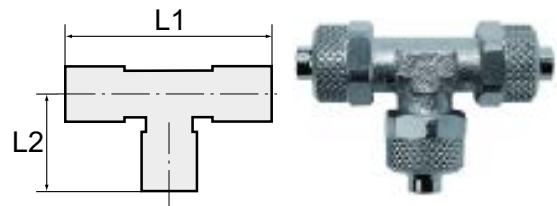
Identification	Thread	for hose	L1 mm	AF
K- 07 40 33 82	M 10 x 1	6 mm / 4 mm	48,0	14 mm
K- 07 40 33 83	M 12 x 1	8 mm / 6 mm	48,0	16 mm

**Web:** <http://cat.hansa-flex.com/en/KSV64>

## K-T-VB VALUE LINE

## Union tees

**Max. working pressure:** 18 bar  
**Suitable hose materials:** PA, PE, PU  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm	AF
K- 07 40 34 17	6 mm / 4 mm	45,0	22,5	8 mm
K- 07 40 34 18	8 mm / 6 mm	45,0	22,5	10 mm
K- 07 40 34 15	10 mm / 8 mm	51,0	25,5	11 mm
K- 07 40 34 16	12 mm / 10 mm	60,0	30,0	14 mm

**Web:** <http://cat.hansa-flex.com/en/KTVBVALUELINE>

## K-UEM 2

## Hexagonal swivel nuts

**Max. working pressure:** 18 bar  
**Suitable hose materials:** PA, PE, PU  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	for hose
K- 07 40 34 19	M 7 x 0.75	5 mm / 3 mm
K- 07 40 34 20	M 10 x 1	6 mm / 4 mm
K- 07 40 34 21	M 12 x 1	8 mm / 6 mm



**K-UEM 2**

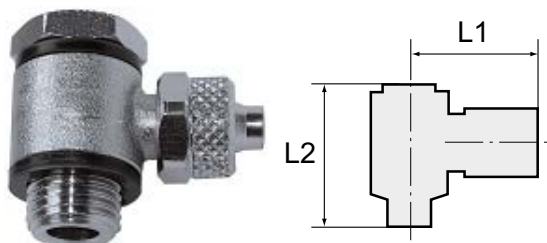
(Continued)

## Hexagonal swivel nuts

Identification	Thread	for hose
K-07 40 34 22	M 14 x 1	10 mm / 8 mm
K-07 40 34 23	M 16 x 1	12 mm / 10 mm

Web: <http://cat.hansa-flex.com/en/KUEM2>**K-SDR AG**

## Banjo elbows, parallel male thread



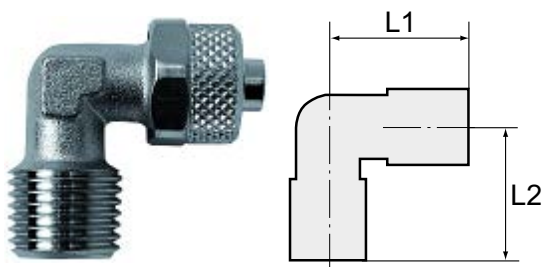
Max. working pressure: 18 bar  
 Suitable hose materials: PA, PE, PU  
 Material: Nickel-plated brass

Note: Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 33 99	M 5	5 mm / 3 mm	17,0	17,5	8 mm
K-07 40 34 00	M 5	6 mm / 4 mm	18,0	17,5	8 mm
K-07 40 34 04	G 1/8	6 mm / 4 mm	24,0	28,0	14 mm
K-07 40 34 05	G 1/8	8 mm / 6 mm	24,0	28,0	14 mm
K-07 40 34 02	G 1/4	6 mm / 4 mm	26,0	29,5	17 mm
K-07 40 34 03	G 1/4	8 mm / 6 mm	26,0	29,5	17 mm
K-07 40 34 01	G 1/4	10 mm / 8 mm	27,5	33,0	17 mm
K-07 40 34 07	G 3/8	8 mm / 6 mm	27,5	31,5	22 mm
K-07 40 34 06	G 3/8	10 mm / 8 mm	28,5	31,5	22 mm

Web: <http://cat.hansa-flex.com/en/KSDRAG>**K-W90 AG-K O OR**

## Male elbows, conical male thread (without O-ring)



Max. working pressure: 18 bar  
 Suitable hose materials: PA, PE, PU  
 Material: Nickel-plated brass

Note: Further information on request

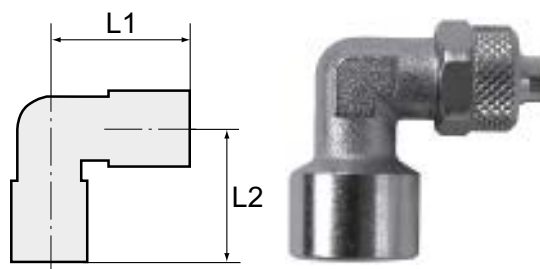
Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 33 88	R 1/8	6 mm / 4 mm	22,5	17,0	8 mm
K-07 40 33 89	R 1/8	8 mm / 6 mm	22,5	17,0	10 mm
K-07 40 33 87	R 1/8	10 mm / 8 mm	25,5	18,5	11 mm
K-07 40 33 85	R 1/4	6 mm / 4 mm	22,5	20,0	10 mm
K-07 40 33 86	R 1/4	8 mm / 6 mm	22,5	20,0	10 mm
K-07 40 33 84	R 1/4	10 mm / 8 mm	25,5	21,5	11 mm
K-07 40 33 92	R 3/8	6 mm / 4 mm	23,5	22,5	11 mm
K-07 40 33 93	R 3/8	8 mm / 6 mm	24,0	22,5	11 mm
K-07 40 33 90	R 3/8	10 mm / 8 mm	25,5	22,5	11 mm
K-07 40 33 91	R 3/8	12 mm / 10 mm	30,0	24,5	14 mm

Web: <http://cat.hansa-flex.com/en/KW90AGKOOOR>

**K-W90 GAM**

## Female elbows

**Max. working pressure:** 18 bar  
**Suitable hose materials:** PA, PE, PU  
**Material:** Nickel-plated brass



**Note:** Further information on request

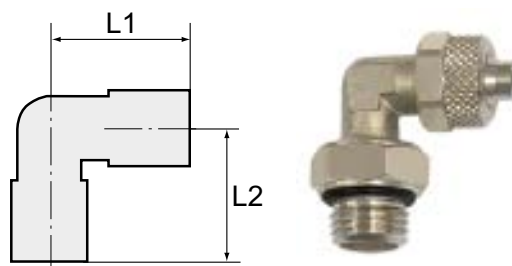
Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 34 11	G 1/8	6 mm / 4 mm	22,5	19,0	10 mm
K- 07 40 34 09	G 1/4	6 mm / 4 mm	25,0	23,0	11 mm
K- 07 40 34 10	G 1/4	8 mm / 6 mm	25,0	23,0	11 mm
K- 07 40 34 08	G 1/4	10 mm / 8 mm	26,0	23,5	13 mm

**Web:** <http://cat.hansa-flex.com/en/KW90GAM>

**K-W90 DERH AG**

## Male elbows, swivel type, parallel male thread

**Max. working pressure:** 18 bar  
**Suitable hose materials:** PA, PE, PU  
**Material:** Nickel-plated brass



**Note:** Further information on request

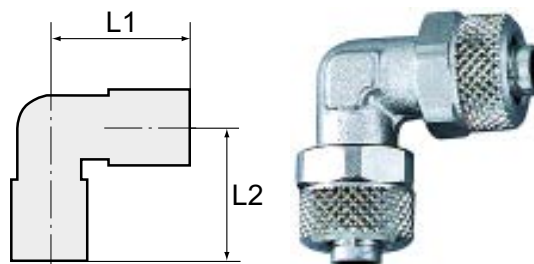
Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 33 97	G 1/8	6 mm / 4 mm	22,5	22,5	14 mm
K- 07 40 33 98	G 1/8	8 mm / 6 mm	23,5	22,5	14 mm
K- 07 40 33 95	G 1/4	6 mm / 4 mm	23,5	25,0	17 mm
K- 07 40 33 96	G 1/4	8 mm / 6 mm	23,5	25,0	17 mm
K- 07 40 33 94	G 1/4	10 mm / 8 mm	25,5	25,5	17 mm

**Web:** <http://cat.hansa-flex.com/en/KW90DERHAG>

**K-W90 VERBINDER SCHR MS NI**

## Union elbows

**Max. working pressure:** 18 bar  
**Suitable hose materials:** PA, PE, PU  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	for hose	L1 mm	L2 mm	AF
K- 07 40 34 13	6 mm / 4 mm	21,5	21,5	8 mm



**K-W90 VERBINDER SCHR MS NI**

(Continued)

**Union elbows**

Identification	for hose	L1 mm	L2 mm	AF
K-07 40 34 14	8 mm / 6 mm	22,5	22,5	10 mm
K-07 40 34 12	10 mm / 8 mm	25,5	25,5	11 mm

**Web:** <http://cat.hansa-flex.com/en/KW90VERBINDERSCHRMSNI>

**K-ROHRDOPPELNIPPEL MS****Double pipe nipples, brass**

**Working pressure:** 10 bar  
**Media temperature:** max. 90 °C  
**Ambient temperature:** Max. 90 °C  
**Connecting thread:** R-thread to EN 10226  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

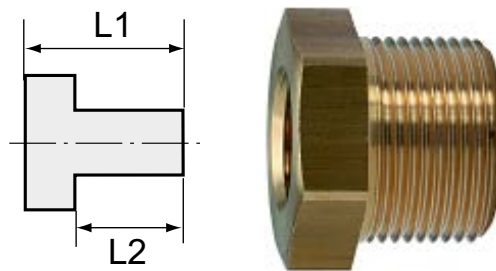
Identification	Thread	Length mm	Identification	Thread	Length mm
K-07 40 16 25	G 1/2	30,0	K-07 40 16 01	G 1	150,0
K-07 40 16 26	G 1/2	40,0	K-07 40 16 02	G 1	180,0
K-07 40 16 27	G 1/2	50,0	K-07 40 16 03	G 1	200,0
K-07 40 16 28	G 1/2	60,0	K-07 40 16 18	G 1 1/4	60,0
K-07 40 16 29	G 1/2	80,0	K-07 40 16 19	G 1 1/4	80,0
K-07 40 16 20	G 1/2	100,0	K-07 40 16 13	G 1 1/4	100,0
K-07 40 16 21	G 1/2	120,0	K-07 40 16 14	G 1 1/4	120,0
K-07 40 16 22	G 1/2	150,0	K-07 40 16 15	G 1 1/4	150,0
K-07 40 16 23	G 1/2	180,0	K-07 40 16 16	G 1 1/4	180,0
K-07 40 16 24	G 1/2	200,0	K-07 40 16 17	G 1 1/4	200,0
K-07 40 16 41	G 3/4	40,0	K-07 40 16 11	G 1 1/2	60,0
K-07 40 16 42	G 3/4	60,0	K-07 40 16 12	G 1 1/2	80,0
K-07 40 16 43	G 3/4	80,0	K-07 40 16 07	G 1 1/2	100,0
K-07 40 16 36	G 3/4	100,0	K-07 40 16 08	G 1 1/2	120,0
K-07 40 16 37	G 3/4	120,0	K-07 40 16 09	G 1 1/2	150,0
K-07 40 16 38	G 3/4	150,0	K-07 40 16 10	G 1 1/2	200,0
K-07 40 16 39	G 3/4	180,0	K-07 40 16 34	G 2	60,0
K-07 40 16 40	G 3/4	200,0	K-07 40 16 35	G 2	80,0
K-07 40 16 04	G 1	40,0	K-07 40 16 30	G 2	100,0
K-07 40 16 05	G 1	60,0	K-07 40 16 31	G 2	120,0
K-07 40 16 06	G 1	80,0	K-07 40 16 32	G 2	150,0
K-07 40 15 99	G 1	100,0	K-07 40 16 33	G 2	200,0
K-07 40 16 00	G 1	120,0			

**Web:** <http://cat.hansa-flex.com/en/KROHRDOPPELNIPPELMS>

**K-RD NIPPEL KURZ 1**

## Reducing nipples, short type

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

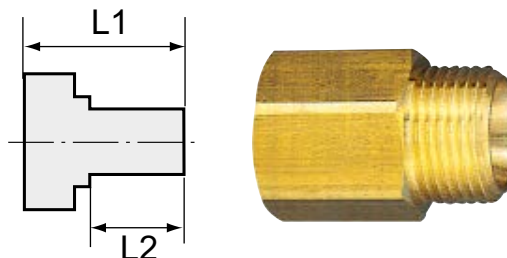
Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 35 11 21	M 14 x 1.5	M 10 x 1	11,0	7,0	17 mm
K-07 35 11 22	M 24 x 1.5	M 16 x 1.5	24,0	16,0	27 mm
K-07 40 00 48	G 1/8	M 5	11,0	7,0	14 mm
K-07 40 00 49	G 1/4	M 5	14,0	10,0	17 mm
K-07 40 00 50	G 1/4	G 1/8	13,0	8,0	17 mm
K-07 40 00 53	G 3/8	G 1/8	13,0	9,5	19 mm
K-07 40 40 83	G 3/8	G 1/4	13,0	9,5	19 mm
K-07 40 00 55	G 1/2	G 1/8	18,0	12,0	24 mm
K-07 40 00 54	G 1/2	G 1/4	15,5	11,5	22 mm
K-07 40 00 51	G 1/2	G 3/8	15,5	11,5	22 mm
K-07 40 44 30	G 3/4	G 1/4	18,0	12,0	27 mm
K-07 40 00 56	G 3/4	G 3/8	18,0	12,0	32 mm
K-07 40 00 52	G 3/4	G 1/2	21,0	14,0	32 mm
K-07 40 00 57	G 1	G 1/2	24,0	16,0	36 mm
K-07 40 40 84	G 1	G 3/4	18,0	12,0	36 mm
K-07 40 44 31	G 1 1/4	G 3/4	23,0	16,0	42 mm
K-07 40 00 58	G 1 1/4	G 1	24,0	16,0	42 mm
K-07 40 44 32	G 1 1/2	G 3/4	24,0	16,0	50 mm
K-07 40 00 59	G 1 1/2	G 1	24,0	16,0	48 mm
K-07 40 00 60	G 1 1/2	G 1 1/4	21,0	15,0	50 mm
K-07 40 00 61	G 2	G 1	28,0	18,0	62 mm
K-07 40 00 62	G 2	G 1 1/4	26,5	18,0	62 mm
K-07 40 00 63	G 2	G 1 1/2	30,0	20,0	65 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPELKURZ1>

**K-RD NIPPEL LANG 1**

## Reducing nipples, long type

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 00 65	M 5	M 5	15,0	5,0	8 mm
K-07 40 00 66	M 5	G 1/8	17,0	5,0	14 mm
K-07 40 00 67	G 1/8	M 5	17,0	7,0	14 mm
K-07 40 00 64	G 1/8	G 1/4	26,0	10,0	17 mm
K-07 40 00 70	G 1/4	G 1/8	28,0	10,0	17 mm
K-07 40 00 71	G 1/4	G 1/4	28,0	10,0	17 mm

**K-RD NIPPEL LANG 1**

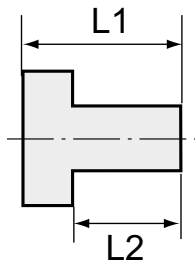
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## Reducing nipples, long type

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 00 68	G 1/4	G 3/8	26,0	10,0	19 mm
K-07 40 00 72	G 3/8	G 1/4	29,0	10,0	19 mm
K-07 40 00 73	G 3/8	G 3/8	29,0	10,0	19 mm
K-07 40 00 69	G 3/8	G 1/2	27,0	12,0	24 mm
K-07 40 00 74	G 1/2	G 3/8	34,0	12,0	24 mm
K-07 40 00 75	G 1/2	G 1/2	34,0	12,0	24 mm
K-07 40 00 76	G 1/2	G 3/4	38,0	13,0	32 mm
K-07 40 00 77	G 3/4	G 1	26,0	11,0	36 mm

Web: <http://cat.hansa-flex.com/en/KRDNIPPELLANG1>**K-VHR IS BUND**

## Hexagon socket screw plugs with collar



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Design:** Blanking screw with hexagon socket  
**Material:** Brass with a bare metal surface

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 10 22	G 1/8	11,0	8,0	5 mm
K-07 40 10 23	G 1/4	13,0	10,0	6 mm
K-07 40 10 24	G 3/8	15,0	12,0	8 mm
K-07 40 10 25	G 1/2	18,0	14,0	10 mm
K-07 40 45 21	G 3/4	24,0	20,0	12 mm
K-07 40 45 24	G 1	27,0	22,0	17 mm

Web: <http://cat.hansa-flex.com/en/KVHRISBUND>**K-VHR IS O BUND**

## Hexagon socket screw plugs without collar



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Design:** Blanking screw with hexagon socket  
**Material:** Brass with a bare metal surface

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K-07 40 10 20	G 1/8	8,0	5 mm
K-07 40 10 21	G 1/4	10,0	6 mm
K-07 40 40 89	G 3/8	12,5	8 mm
K-07 40 44 45	G 1/2	14,0	10 mm

Web: <http://cat.hansa-flex.com/en/KVHRISOBUND>

**K-VHR IS O BUND AG**

## Hexagon socket screw plugs without collar, R-Thread

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Design:** Blanking screw with hexagon socket  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

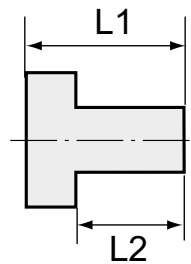
Identification	Thread	L1 mm	AF
K- 07 40 45 29	R 1/8	8,0	5 mm
K- 07 40 45 32	R 1/4	10,0	7 mm
K- 07 40 45 35	R 3/8	10,0	8 mm
K- 07 40 45 38	R 1/2	10,0	10 mm
K- 07 40 45 41	R 3/4	14,0	14 mm
K- 07 40 45 43	R 1	12,0	17 mm

**Web:** <http://cat.hansa-flex.com/en/KVHRISOBUNDAG>

**K-VHR 6KT 1**

## Hexagon head screw plugs

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Design:** Blanking screw, with hexagon head  
**Material:** Brass with a bare metal surface



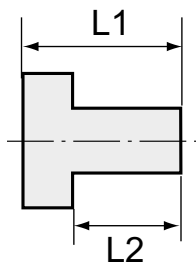
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K- 07 40 10 26	G 1/8	11,0	6,0	13 mm
K- 07 40 10 27	G 1/4	13,0	8,0	17 mm
K- 07 40 10 28	G 3/8	14,0	8,0	19 mm
K- 07 40 10 29	G 1/2	16,0	10,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KVHR6KT1>

**K-VHR 6KT BUND**

Hexagon head screw plugs with collar



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Design:** Blanking screw, with hexagon head  
**Material:** Brass with a bare metal surface

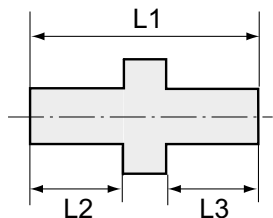
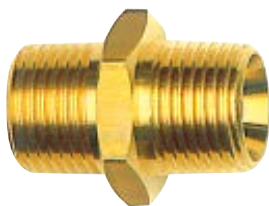
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 44 47	G 1/8	17,0	8,0	10 mm
K-07 40 44 49	G 1/4	21,0	12,0	13 mm
K-07 40 44 51	G 3/8	21,0	12,0	17 mm
K-07 40 44 53	G 1/2	26,0	14,0	19 mm
K-07 40 44 55	G 3/4	30,0	16,0	24 mm
K-07 40 44 57	G 1	32,0	16,0	27 mm

**Web:** <http://cat.hansa-flex.com/en/KVHR6KTBUND>

**K-XV AG R**

Double nipples, conical male thread



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm	L3 mm	AF
K-07 40 44 60	R 1/8	R 1/8	21,0	8,0	8,0	10 mm
K-07 40 44 61	R 1/8	R 1/4	24,5	8,0	11,5	14 mm
K-07 40 44 62	R 1/8	R 3/8	26,0	8,0	13,0	17 mm
K-07 40 00 26	R 1/4	R 1/4	30,0	12,0	12,0	14 mm
K-07 40 44 66	R 1/4	R 3/8	29,5	11,5	13,0	17 mm
K-07 40 44 67	R 1/4	R 1/2	32,5	11,5	15,5	22 mm
K-07 40 00 27	R 3/8	R 3/8	38,0	16,0	16,0	22 mm
K-07 40 44 70	R 3/8	R 1/2	34,0	15,5	13,0	22 mm
K-07 40 44 71	R 3/8	R 3/4	36,5	13,0	17,5	27 mm
K-07 40 00 28	R 1/2	R 1/2	38,0	16,0	16,0	27 mm
K-07 40 44 74	R 1/2	R 3/4	39,0	17,5	15,5	27 mm
K-07 40 44 75	R 1/2	R 1	42,5	20,0	15,5	34 mm
K-07 40 00 29	R 3/4	R 3/4	51,5	22,0	22,0	32 mm
K-07 40 44 78	R 3/4	R 1	44,5	20,0	17,5	34 mm
K-07 40 00 30	R 1	R 1	47,0	19,5	19,5	41 mm

**Web:** <http://cat.hansa-flex.com/en/KXVAGR>



**K-DOPPELNIPPEL AG-K MS**

## Detachable double nipples brass

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

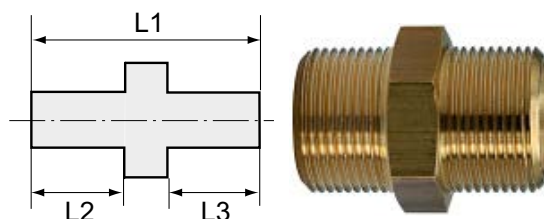
Identification	Thread 1	Thread 2	L1 mm	AF	AF1 mm
K-07 40 00 33	R 1/8	R 1/8	27,0	15 mm	5
K-07 40 00 39	R 1/8	R 1/4	30,0	15 mm	5
K-07 40 00 34	R 1/4	R 1/4	33,5	19 mm	6
K-07 40 00 40	R 1/4	R 3/8	34,5	19 mm	6
K-07 40 00 35	R 3/8	R 3/8	36,5	22 mm	8
K-07 40 00 36	R 1/2	R 1/2	44,0	27 mm	12
K-07 40 00 37	R 3/4	R 3/4	53,0	36 mm	14
K-07 40 00 38	R 1	R 1	63,5	46 mm	19

**Web:** <http://cat.hansa-flex.com/en/KDOPPELNIPPELAGKMS>

**K-XV AGM 2**

## Double nipples, parallel male thread

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm	L3 mm	AF
K-07 35 11 26	M 14 x 1.5	M 14 x 1.5	23,0	9,0	9,0	17 mm
K-07 35 11 27	M 16 x 1.5	M 16 x 1.5	23,0	9,0	9,0	19 mm
K-07 35 11 28	M 24 x 1.5	M 24 x 1.5	40,0	16,0	16,0	27 mm
K-07 40 00 04	M 5	M 5	13,0	5,0	5,0	7 mm
K-07 40 00 05	M 5	G 1/8	17,0	5,0	7,0	14 mm
K-07 40 00 06	M 5	G 1/4	21,0	7,0	9,0	17 mm
K-07 40 00 01	G 1/8	G 1/8	21,0	8,0	8,0	14 mm
K-07 40 00 02	G 1/8	G 1/4	22,0	9,0	8,0	17 mm
K-07 40 00 03	G 1/8	G 3/8	25,0	9,0	11,0	19 mm
K-07 40 00 07	G 1/4	G 1/4	23,0	9,0	9,0	17 mm
K-07 40 00 31	G 1/4 ccw	G 1/4 ccw	25,0	10,0	10,0	17 mm
K-07 40 00 08	G 1/4	G 3/8	24,0	9,0	10,0	19 mm
K-07 40 00 09	G 1/4	G 1/2	29,0	11,0	12,0	24 mm
K-07 40 00 10	G 3/8	G 3/8	25,0	10,0	10,0	19 mm
K-07 40 00 32	G 3/8 ccw	G 3/8 ccw	37,0	13,5	13,5	19 mm
K-07 40 00 11	G 3/8	G 1/2	27,0	10,0	12,0	24 mm
K-07 40 00 12	G 3/8	G 3/4	36,0	12,0	16,0	32 mm
K-07 40 00 13	G 1/2	G 1/2	29,0	12,0	12,0	24 mm
K-07 40 00 14	G 1/2	G 3/4	33,0	12,0	12,0	32 mm
K-07 40 00 15	G 1/2	G 1	40,0	16,0	16,0	36 mm
K-07 40 00 16	G 3/4	G 3/4	33,0	12,0	12,0	32 mm
K-07 40 00 17	G 3/4	G 1	40,0	16,0	16,0	36 mm

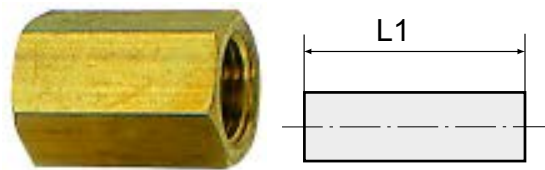
**K-XV AGM 2**

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**Double nipples, parallel male thread**

Identification	Thread 1	Thread 2	L1 mm	L2 mm	L3 mm	AF
K-07 40 00 18	G 1	G 1	42,5	17,0	17,0	36 mm
K-07 40 00 19	G 1	G 1 1/4	32,0	14,0	12,0	42 mm
K-07 40 00 20	G 1	G 1 1/2	39,0	14,5	14,5	50 mm
K-07 40 44 36	G 1	G 2	42,0	18,0	15,0	60 mm
K-07 40 00 21	G 1 1/4	G 1 1/4	39,0	16,0	16,0	42 mm
K-07 40 00 22	G 1 1/4	G 1 1/2	40,5	15,0	18,0	50 mm
K-07 40 44 37	G 1 1/4	G 2	43,0	29,5	29,5	60 mm
K-07 40 00 23	G 1 1/2	G 1 1/2	50,0	20,0	20,0	50 mm
K-07 40 00 24	G 1 1/2	G 2	43,0	17,0	17,0	62 mm
K-07 40 00 25	G 2	G 2	50,0	20,0	20,0	62 mm
K-07 40 44 38	G 2	G 2 1/2	54,0	24,0	19,0	77 mm
K-07 40 44 39	G 2	G 3	50,0	20,0	20,0	89 mm
K-07 40 44 40	G 2 1/2	G 2 1/2	59,0	24,0	24,0	77 mm
K-07 40 44 41	G 2 1/2	G 3	52,5	20,0	22,5	89 mm
K-07 40 44 42	G 3	G 3	60,0	24,5	24,5	89 mm

Web: <http://cat.hansa-flex.com/en/KXVAGM2>

**K-MUFFEN SK****Sockets with outer hex**

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

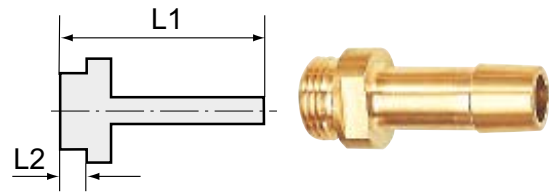
Identification	Thread	L1 mm	AF
K-07 40 00 41	M 5	12,0	8 mm
K-07 40 00 42	G 1/8	22,0	14 mm
K-07 40 00 43	G 1/4	26,0	17 mm
K-07 40 00 44	G 3/8	26,0	22 mm
K-07 40 00 45	G 1/2	30,0	27 mm
K-07 40 00 46	G 3/4	36,0	32 mm
K-07 40 00 47	G 1	40,0	41 mm

Web: <http://cat.hansa-flex.com/en/KMUFFENSK>

**K-EST 12 MS**

**Male stems for coupling NW12 MS**

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 35 00 88	G 1/2	LW 16 mm	58,0	10,0	20 mm

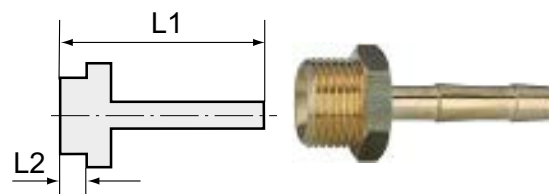
**Web:** <http://cat.hansa-flex.com/en/KEST12MS>

3

**K-TR AG 1**

**Male hose fittings with parallel male thread**

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface



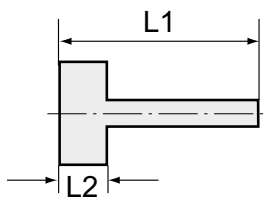
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 13 84	M 5	LW 4 mm	15,5	5,0	7 mm
K- 07 40 13 86	G 1/8	LW 6 mm	41,5	9,0	14 mm
K- 07 40 49 70	G 1/8	LW 8 mm	36,0	7,0	14 mm
K- 07 40 49 16	G 1/4	LW 8 mm	39,0	9,0	17 mm
K- 07 40 49 20	G 1/4	LW 10 mm	39,0	9,0	17 mm
K- 07 40 13 72	G 3/8	LW 4 mm	48,5	10,0	19 mm
K- 07 40 13 73	G 3/8	LW 6 mm	48,5	10,0	19 mm
K- 07 40 49 26	G 3/8	LW 8 mm	39,0	9,0	19 mm
K- 07 40 14 02	G 3/8 left	LW 6 mm	48,5	10,0	19 mm
K- 07 40 49 29	G 3/8	LW 10 mm	39,0	9,0	19 mm
K- 07 40 14 03	G 3/8 left	LW 9 mm	48,5	10,0	19 mm
K- 07 40 49 36	G 1/2	LW 8 mm	42,0	11,0	24 mm
K- 07 40 49 39	G 1/2	LW 10 mm	42,0	11,0	24 mm
K- 07 40 49 54	G 3/4	LW 25 mm	54,0	12,0	32 mm
K- 07 40 49 56	G 1	LW 19 mm	55,0	13,0	38 mm
K- 07 40 13 83	G 1	LW 32 mm	57,0	12,0	38 mm
K- 07 40 49 61	G 1 1/4	LW 32 mm	61,0	14,0	50 mm
K- 07 40 49 62	G 1 1/4	LW 38 mm	68,5	15,0	42 mm
K- 07 40 49 63	G 1 1/2	LW 32 mm	67,0	15,0	55 mm
K- 07 40 49 64	G 1 1/2	LW 38 mm	71,0	15,0	55 mm
K- 07 40 49 65	G 1 1/2	LW 50 mm	71,0	15,0	55 mm
K- 07 40 49 66	G 2	LW 50 mm	88,0	20,0	70 mm

**Web:** <http://cat.hansa-flex.com/en/KTRAG1>

## K-TUE IG MS

### Female hose fittings with female thread



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass with a bare metal surface

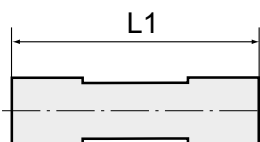
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 13 88	G 1/8	LW 6 mm	35,0	10,0	12 mm
K-07 40 13 89	G 1/8	LW 8 mm	35,0	10,0	12 mm
K-07 40 49 76	G 1/8	LW 9 mm	33,5	10,5	14 mm
K-07 40 13 90	G 1/4	LW 6 mm	36,0	11,0	15 mm
K-07 40 13 91	G 1/4	LW 8 mm	36,0	11,0	15 mm
K-07 40 13 92	G 1/4	LW 10 mm	36,0	11,0	15 mm
K-07 40 13 93	G 1/4	LW 13 mm	40,5	11,0	15 mm
K-07 40 49 81	G 1/4	LW 9 mm	35,0	12,0	17 mm
K-07 40 13 94	G 3/8	LW 6 mm	36,0	11,0	19 mm
K-07 40 13 95	G 3/8	LW 8 mm	36,0	11,0	19 mm
K-07 40 13 96	G 3/8	LW 10 mm	36,0	11,0	19 mm
K-07 40 13 97	G 3/8	LW 13 mm	40,5	11,0	19 mm
K-07 40 49 82	G 3/8	LW 9 mm	36,0	13,0	19 mm
K-07 40 13 98	G 1/2	LW 6 mm	39,0	14,5	23 mm
K-07 40 13 99	G 1/2	LW 8 mm	39,0	14,5	23 mm
K-07 40 14 00	G 1/2	LW 10 mm	39,0	14,5	23 mm
K-07 40 14 01	G 1/2	LW 13 mm	44,0	14,5	23 mm
K-07 40 49 83	G 1/2	LW 9 mm	37,0	14,0	24 mm
K-07 40 49 84	G 3/4	LW 13 mm	39,5	16,5	30 mm
K-07 40 49 85	G 3/4	LW 16 mm	39,5	16,5	30 mm
K-07 40 49 86	G 3/4	LW 19 mm	39,5	16,5	30 mm
K-07 40 49 87	G 1	LW 19 mm	42,5	19,5	38 mm
K-07 40 49 88	G 1	LW 25 mm	47,0	19,5	38 mm

**Web:** <http://cat.hansa-flex.com/en/KTUEIGMS>

## K-TUE VB

### Double hose fittings



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	for hose	L1 mm
K-07 40 13 04	LW 6 mm	72,0
K-07 40 13 05	LW 9 mm	72,0
K-07 40 13 06	LW 13 mm	72,0
K-07 40 42 61	LW 16 mm	72,0



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K-TUE VB

Double hose fittings

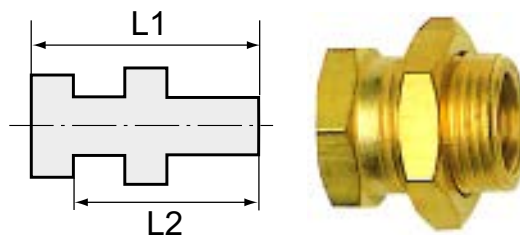
Identification	for hose	L1 mm
K- 07 40 42 62	LW 19 mm	72,0
K- 07 40 42 63	LW 25 mm	72,0

Web: <http://cat.hansa-flex.com/en/KTUEVB>

K-SCHOTTNIPPEL MS

Bulkhead nipples

Working pressure: 10 bar  
 Media temperature: max. +90 °C  
 Ambient temperature: Max. +90 °C  
 Material: Brass



Note: The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

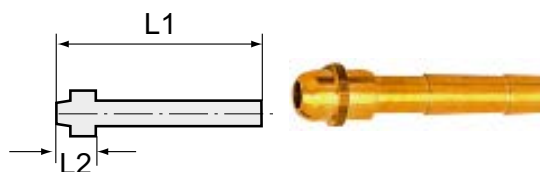
Identification	Male thread	Female thread	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 34 31	G 1/8	M 5	15,0	11,5	14	14
K- 07 40 34 32	G 1/4	G 1/8	18,0	14,0	17	17
K- 07 40 34 33	G 3/8	G 1/4	22,0	17,0	19	22
K- 07 40 34 34	G 1/2	G 3/8	27,0	21,0	24	24

Web: <http://cat.hansa-flex.com/en/KSCHOTTNIPPELMS>

K-SCHLAUCHTUELLEN MS

Hose fittings

Working pressure: 10 bar  
 Media temperature: max. +90 °C  
 Ambient temperature: Max. +90 °C  
 Material: Brass



Note: The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	for hose	for union nut	L1 mm	L2 mm
K- 07 40 16 61	LW 4 mm	G 1/8	47,0	12,0
K- 07 40 16 52	LW 4 mm	G 1/4	47,0	13,5
K- 07 40 16 54	LW 9 mm	G 1/4	47,0	13,5
K- 07 40 16 55	LW 4 mm	G 3/8	48,5	15,0
K- 07 40 16 58	LW 6 mm	G 1/2	48,5	15,0
K- 07 40 16 60	LW 13 mm	G 1/2	48,5	15,0

Web: <http://cat.hansa-flex.com/en/KSCHLAUCHTUELLENMS>

## K-UEM MS

### Hexagonal swivel nuts



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	For fitting size	L1 mm	AF
K-07 40 10 01	G 1/4	I.D. 9	15,0	17 mm
K-07 40 10 02	G 1/2	I.D. 13	16,0	24 mm
K-07 40 10 03	G 1/4 left	I.D. 4, I.D. 6	15,0	17 mm
K-07 40 10 04	G 3/8 left	I.D. 4, I.D. 6, I.D. 9	15,0	19 mm
K-07 40 10 05	G 1/2 left	I.D. 13	20,5	24 mm

**Web:** <http://cat.hansa-flex.com/en/KUEMMS>

## K-KM MS

### Hexagonal lock nuts, brass



**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K-07 40 34 45	G 1/8	3,5	15 mm
K-07 40 34 46	G 1/4	3,5	17 mm
K-07 40 34 47	G 3/8	4,5	19 mm
K-07 40 34 48	G 1/2	5,0	24 mm
K-07 40 34 49	G 3/4	5,0	32 mm
K-07 40 34 50	G 1	6,0	41 mm
K-07 40 44 33	G 1 1/4	8,5	50 mm
K-07 40 44 34	G 1 1/2	8,5	60 mm
K-07 40 44 35	G 2	11,0	70 mm
K-07 40 34 51	M 10 x 1	4,0	14 mm
K-07 40 34 52	M 12 x 1	5,0	17 mm
K-07 40 34 54	M 14 x 1	4,0	19 mm
K-07 40 34 55	M 16 x 1	5,0	22 mm
K-07 40 34 56	M 20 x 1.5	4,5	27 mm
K-07 40 34 57	M 22 x 1	4,5	27 mm
K-07 40 34 58	M 28 x 1.5	6,0	36 mm

**Web:** <http://cat.hansa-flex.com/en/KKMMS>

## K-VERSCHLUSSKAPPEN MS

Hexagonal caps - brass

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

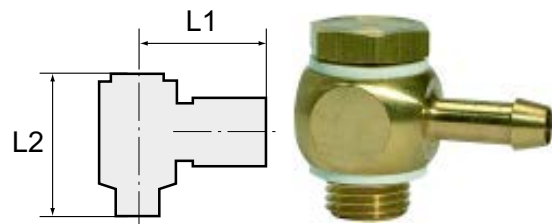
Identification	Thread	L1 mm	AF
K- 07 40 10 06	G 1/8	10,0	13 mm
K- 07 40 10 07	G 1/4	10,0	16 mm
K- 07 40 10 08	G 3/8	10,0	19 mm
K- 07 40 10 09	G 1/2	12,0	23 mm
K- 07 40 10 10	G 3/4	14,0	29 mm
K- 07 40 10 11	G 1	15,0	36 mm
K- 07 40 10 12	G 1 1/4	17,0	46 mm
K- 07 40 10 13	G 1 1/2	19,5	53 mm
K- 07 40 10 14	G 2	19,5	64 mm

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSKAPPENMS>

## K-SCHWENKTUELLE MS

Swivel hose fittings, parallel male thread

**Working pressure:** 10 bar  
**Media temperature:** max. +90 °C  
**Ambient temperature:** Max. +90 °C  
**Material:** Nickel-plated brass (banjo bolt), brass (ring nipple)



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 34 39	G 1/8	LW 4 mm	26,0	28,0	14 mm
K- 07 40 34 40	G 1/8	LW 6 mm	26,0	28,0	14 mm
K- 07 40 34 41	G 1/4	LW 6 mm	28,0	29,0	17 mm
K- 07 40 34 42	G 1/4	LW 9 mm	28,0	30,5	17 mm
K- 07 40 34 43	G 3/8	LW 6 mm	30,0	32,0	22 mm
K- 07 40 34 44	G 3/8	LW 9 mm	30,0	32,0	22 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKTUELLEMS>

## K-BOX MS

### Boxed set



- 30 male hose fittings G 1/4-6, G 1/4-9, G 3/8-6, G 3/8-9, G 1/2-9, G 1/2-13
- 38 double nipples G 1/8 x G 1/8, G 1/8 x G 1/4, G 1/4 x G 1/4, G 1/4 x G 3/8, G 3/8 x G 3/8, G 3/8 x G 1/2, G 1/2 x G 1/2, G 1/2 x G 3/4
- 19 reducing nipples G 1/4 m x G 1/8 f, G 3/8 m x G 1/4 f, G 1/2 m x G 3/8 f, G 3/4 m x G 1/2 f
- 18 sockets G 1/8, G 1/4, G 3/8, G 1/2
- 20 plugs G 1/8, G 1/4, G 3/8, G 1/2
- 15 double hose fittings 6, 9, 13 mm
- 20 lock nuts G 1/8, G 1/4, G 3/8, G 1/2
- 1 thread adhesive 10 ml
- 1 PTFE sealing tape

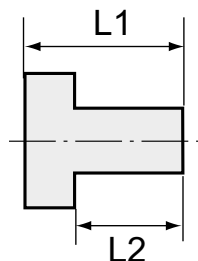
**Note:** Further information on request

Identification	Designation
K-07 40 35 23	Boxed set, brass turned parts

**Web:** <http://cat.hansa-flex.com/en/KBOXMS>

## K-RD NIPPEL MS NI

### Reducing nipples - nickel-plated brass



Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

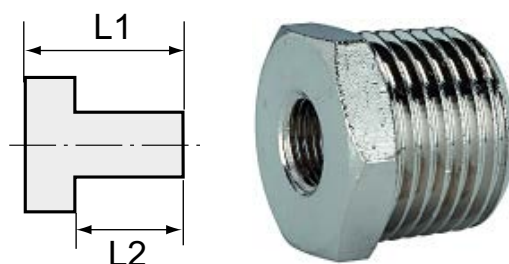
Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 15 76	G 1/8	M 5	10,5	6,0	14 mm
K-07 40 15 77	G 1/4	G 1/8	13,0	8,0	17 mm
K-07 40 15 81	G 3/8	G 1/8	14,0	9,0	20 mm
K-07 40 15 78	G 3/8	G 1/4	14,0	9,0	20 mm
K-07 40 15 83	G 1/2	G 1/8	15,5	10,0	24 mm
K-07 40 15 82	G 1/2	G 1/4	15,5	10,0	25 mm
K-07 40 15 79	G 1/2	G 3/8	15,5	10,0	25 mm
K-07 40 15 84	G 3/4	G 3/8	17,5	11,0	30 mm
K-07 40 15 85	G 3/4	G 1/2	17,5	11,0	30 mm
K-07 40 15 86	G 1	G 1/2	19,0	12,0	36 mm
K-07 40 15 87	G 1	G 3/4	19,0	11,5	36 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPELMSNI>



**K-RD NIPPEL AGRK IGR MS NI****Reducing nipples, conical male thread, parallel female thread - nickel-plated brass**

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C**Pressure:** Max. 60 bar**Material:** Nickel-plated brass

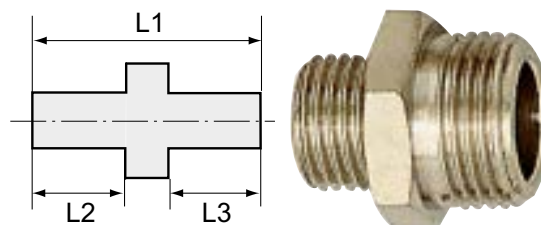
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 15 66	R 1/4	G 1/8	16,0	11,0	14 mm
K-07 40 15 67	R 3/8	G 1/8	17,0	11,5	17 mm
K-07 40 15 68	R 3/8	G 1/4	17,0	11,5	17 mm
K-07 40 15 69	R 1/2	G 1/8	19,5	14,0	22 mm
K-07 40 15 70	R 1/2	G 1/4	20,0	14,0	22 mm
K-07 40 15 71	R 1/2	G 3/8	20,0	14,0	22 mm
K-07 40 15 72	R 3/4	G 3/8	23,0	16,5	27 mm
K-07 40 15 73	R 3/4	G 1/2	23,0	16,5	27 mm
K-07 40 15 74	R 1	G 1/2	25,0	16,0	34 mm
K-07 40 15 75	R 1	G 3/4	25,0	18,0	34 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPELAGRKIGRMSNI>

**K-XV AGM MS NI****Double nipples, parallel male thread, nickel-plated brass**

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C**Pressure:** Max. 60 bar**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm	L3 mm	AF
K-07 40 12 80	M 5	M 5	11,5	4,0	4,0	8 mm
K-07 40 12 81	M 5	G 1/8	14,5	6,0	4,0	14 mm
K-07 40 12 82	G 1/8	G 1/8	17,0	6,0	6,0	14 mm
K-07 40 12 83	G 1/8	G 1/4	19,0	8,0	6,0	17 mm
K-07 40 12 84	G 1/8	G 3/8	20,0	9,0	6,0	20 mm
K-07 40 12 85	G 1/4	G 1/4	21,0	8,0	8,0	17 mm
K-07 40 12 86	G 1/4	G 3/8	22,0	9,0	8,0	20 mm
K-07 40 12 87	G 1/4	G 1/2	24,0	10,0	8,0	25 mm
K-07 40 12 88	G 3/8	G 3/8	24,0	9,0	9,0	20 mm
K-07 40 12 89	G 3/8	G 1/2	25,5	10,0	9,0	25 mm
K-07 40 45 02	G 3/8	G 3/4	27,0	12,0	9,0	27 mm
K-07 40 12 90	G 1/2	G 1/2	26,5	10,0	10,0	25 mm
K-07 40 12 91	G 1/2	G 3/4	27,5	11,0	10,0	30 mm
K-07 40 45 03	G 1/2	G 1	32,5	15,0	10,5	34 mm
K-07 40 12 93	G 3/4	G 3/4	28,0	11,0	11,0	30 mm
K-07 40 12 92	G 3/4	G 1	30,0	11,0	12,0	36 mm
K-07 40 12 94	G 1	G 1	31,0	12,0	12,0	36 mm
K-07 40 45 04	G 1	G 1 1/4	38,0	16,0	15,0	43 mm
K-07 40 45 05	G 1	G 1 1/2	38,5	16,0	15,0	50 mm
K-07 40 45 06	G 1	G 2	42,0	18,0	15,0	60 mm

### K-XV AGM MS NI

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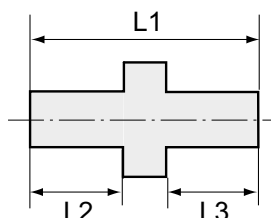
#### Double nipples, parallel male thread, nickel-plated brass

Identification	Thread 1	Thread 2	L1 mm	L2 mm	L3 mm	AF
K-07 40 45 07	G 1 1/4	G 1 1/4	39,0	16,0	16,0	42 mm
K-07 40 45 08	G 1 1/4	G 1 1/2	40,0	16,0	16,0	50 mm
K-07 40 45 09	G 1 1/4	G 2	43,0	18,0	16,0	60 mm
K-07 40 45 10	G 1 1/2	G 1 1/2	39,5	16,0	16,0	50 mm
K-07 40 45 11	G 1 1/2	G 2	44,5	18,0	17,5	60 mm
K-07 40 45 12	G 2	G 2	44,0	17,5	17,5	60 mm
K-07 40 45 13	G 2	G 2 1/2	54,0	24,0	19,0	77 mm
K-07 40 45 14	G 2	G 3	50,0	20,0	20,0	89 mm
K-07 40 45 15	G 2 1/2	G 2 1/2	59,0	24,0	24,0	77 mm
K-07 40 45 16	G 2 1/2	G 3	52,5	20,0	22,5	89 mm
K-07 40 45 17	G 3	G 3	60,0	24,5	24,5	89 mm

Web: <http://cat.hansa-flex.com/en/KXVAGMMSNI>

### K-XV ARG-K MS NI

#### Double nipples, conical male thread - nickel-plated brass



Suitable for air, water, oil, steam, etc.

Operating temperature: Max. 150 °C

Pressure: Max. 60 bar

Material: Nickel-plated brass

Note: The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm	L3 mm	AF
K-07 40 12 60	R 1/8	R 1/8	21,0	8,0	8,0	12 mm
K-07 40 12 61	R 1/8	R 1/4	24,0	11,0	8,0	14 mm
K-07 40 12 62	R 1/8	R 3/8	25,0	11,5	8,0	17 mm
K-07 40 12 63	R 1/4	R 1/4	27,0	11,0	11,0	14 mm
K-07 40 12 64	R 1/4	R 3/8	28,0	11,5	11,0	17 mm
K-07 40 12 65	R 1/4	R 1/2	32,0	14,0	11,0	22 mm
K-07 40 12 66	R 3/8	R 3/8	29,0	11,5	11,5	17 mm
K-07 40 12 67	R 3/8	R 1/2	32,5	14,0	11,5	22 mm
K-07 40 12 68	R 1/2	R 1/2	35,0	14,0	14,0	22 mm
K-07 40 12 69	R 1/2	R 3/4	37,0	16,5	14,0	27 mm
K-07 40 12 71	R 3/4	R 3/4	40,0	16,5	16,5	27 mm
K-07 40 12 70	R 3/4	R 1	42,5	19,0	16,5	34 mm
K-07 40 12 72	R 1	R 1	45,5	19,0	19,0	34 mm

Web: <http://cat.hansa-flex.com/en/KXVARGKMSNI>

**K-VHR IS BUND MS NI**

## Hexagon socket screw plugs with collar

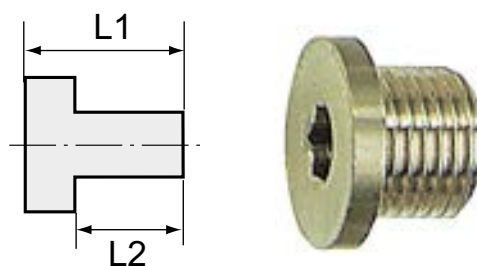
Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Design:** Blanking screw with hexagon socket

**Material:** Nickel-plated brass



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K- 07 40 45 18	G 1/8	11,0	8,0	5 mm
K- 07 40 45 19	G 1/4	13,0	10,0	6 mm
K- 07 40 45 20	G 3/8	15,0	12,0	8 mm
K- 07 40 45 27	G 1/2	18,0	14,0	10 mm
K- 07 40 45 23	G 3/4	24,0	20,0	12 mm
K- 07 40 45 26	G 1	27,0	22,0	17 mm

**Web:** <http://cat.hansa-flex.com/en/KVHRISBUNDMSNI>

**K-VS INNEN-SK OHNE BUND MS NI**

## Hexagon socket screw plugs without collar

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Design:** Blanking screw with hexagon socket

**Material:** Nickel-plated brass



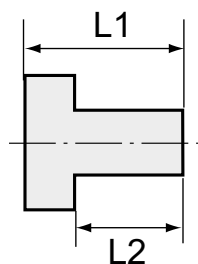
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 45 31	R 1/8	8,0	5 mm
K- 07 40 45 34	R 1/4	10,0	7 mm
K- 07 40 45 40	R 1/2	10,0	10 mm
K- 07 40 45 37	R 3/8	10,0	8 mm

**Web:** <http://cat.hansa-flex.com/en/KVSINNENSKOHNEBUNDMSNI>

### K-VHR 6KT MS NI

#### Hexagon head screw plugs



Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Design:** Blanking screw, with hexagon head

**Material:** Nickel-plated brass

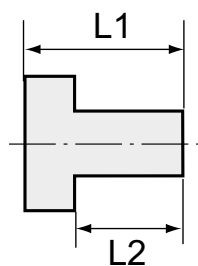
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 39 97	M 5	7,0	4,0	8 mm
K-07 40 39 98	G 1/8	10,0	6,0	14 mm
K-07 40 39 99	G 1/4	12,5	8,0	17 mm
K-07 40 40 00	G 3/8	13,5	9,0	19 mm
K-07 40 40 01	G 1/2	15,5	10,0	24 mm
K-07 40 40 02	G 3/4	16,5	11,0	30 mm
K-07 40 39 96	G 1	19,0	13,0	38 mm

**Web:** <http://cat.hansa-flex.com/en/KVHR6KTMSNI>

### K-VHRO IS OR MS NI

#### Hexagon socket screw plugs with O-ring



Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 80 °C (with O-ring, NBR)

**Pressure:** Max. 60 bar

**Design:** Blanking screw with hexagon socket

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

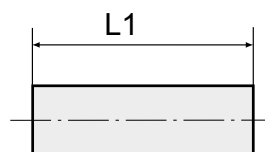
Identification	Thread	hexagon socket mm	L1 mm	L2 mm
K-07 40 39 91	M 5	2,5	6,5	4,0
K-07 40 39 92	G 1/8	3,0	9,5	7,0
K-07 40 39 93	G 1/4	6,0	11,0	8,0
K-07 40 39 94	G 3/8	8,0	12,5	9,0
K-07 40 39 95	G 1/2	10,0	14,5	11,0
K-07 40 44 09	G 3/4	17,0	20,0	15,5
K-07 40 44 10	G 1	19,0	21,0	16,0

**Web:** <http://cat.hansa-flex.com/en/KVHROISORMSNI>

**K-MUFFEN SK MS NI**

## Sockets with outer hex - nickel-plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C**Pressure:** Max. 60 bar**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

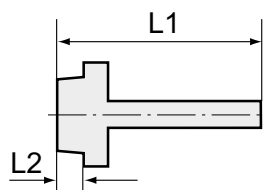
Identification	Thread	L1 mm	AF
K- 07 40 15 06	M 5	11,0	8 mm
K- 07 40 15 07	G 1/8	15,0	14 mm
K- 07 40 15 08	G 1/4	22,0	17 mm
K- 07 40 15 09	G 3/8	24,0	22 mm
K- 07 40 15 11	G 1/2	30,0	27 mm
K- 07 40 15 10	G 3/4	32,0	32 mm
K- 07 40 15 12	G 1	35,0	38 mm

**Web:** <http://cat.hansa-flex.com/en/KMUFFENSKMSNI>

**K-TR AG MS NI**

## Male hose fittings, parallel male thread - nickel plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C**Pressure:** Max. 60 bar**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 49 72	G 1/8	LW 6 mm	36,0	7,0	14 mm
K- 07 40 49 73	G 1/8	LW 8 mm	36,0	7,0	14 mm
K- 07 40 49 74	G 1/8	LW 9 mm	36,0	7,0	14 mm
K- 07 40 49 15	G 1/4	LW 4 mm	36,0	9,0	17 mm
K- 07 40 49 18	G 1/4	LW 6 mm	39,0	9,0	17 mm
K- 07 40 49 19	G 1/4	LW 8 mm	39,0	9,0	17 mm
K- 07 40 49 23	G 1/4	LW 9 mm	39,0	9,0	17 mm
K- 07 40 49 24	G 1/4	LW 10 mm	39,0	9,0	17 mm
K- 07 40 49 25	G 1/4	LW 13 mm	42,0	9,0	17 mm
K- 07 40 49 28	G 3/8	LW 8 mm	39,0	9,0	19 mm
K- 07 40 49 32	G 3/8	LW 9 mm	39,0	9,0	19 mm
K- 07 40 49 33	G 3/8	LW 10 mm	39,0	9,0	19 mm
K- 07 40 49 35	G 3/8	LW 13 mm	42,0	9,0	19 mm
K- 07 40 49 38	G 1/2	LW 8 mm	42,0	11,0	24 mm
K- 07 40 49 41	G 1/2	LW 9 mm	42,0	11,0	24 mm
K- 07 40 49 42	G 1/2	LW 10 mm	42,0	11,0	24 mm
K- 07 40 49 47	G 1/2	LW 13 mm	45,0	11,0	24 mm
K- 07 40 49 48	G 1/2	LW 16 mm	53,0	11,0	24 mm
K- 07 40 49 49	G 1/2	LW 19 mm	53,0	11,0	24 mm
K- 07 40 49 50	G 3/4	LW 13 mm	51,0	12,0	32 mm
K- 07 40 49 51	G 3/4	LW 16 mm	51,0	12,0	32 mm
K- 07 40 49 53	G 3/4	LW 19 mm	54,0	12,0	32 mm

## K-TR AG MS NI

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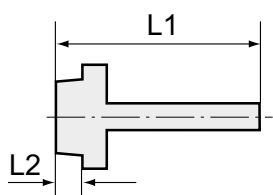
### Male hose fittings, parallel male thread - nickel plated brass

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 49 55	G 3/4	LW 25 mm	54,0	12,0	32 mm
K-07 40 49 60	G 1	LW 25 mm	49,0	15,0	34 mm
K-07 40 49 68	G 1	LW 32 mm	55,0	13,0	38 mm

Web: <http://cat.hansa-flex.com/en/KTRAGMSNI>

## K-TR AG-K MS NI

### Male hose fittings, conical male thread - nickel-plated brass



Suitable for air, water, oil, steam, etc.

Operating temperature: Max. 150 °C

Pressure: Max. 60 bar

Material: Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 13 44	R 1/8	LW 6 mm	31,5	8,0	12 mm
K-07 40 13 45	R 1/8	LW 8 mm	31,5	8,0	12 mm
K-07 40 13 46	R 1/8	LW 9 mm	31,5	8,0	12 mm
K-07 40 13 47	R 1/8	LW 10 mm	32,5	8,0	12 mm
K-07 40 13 48	R 1/4	LW 6 mm	35,0	11,0	14 mm
K-07 40 13 49	R 1/4	LW 8 mm	35,0	11,0	14 mm
K-07 40 13 50	R 1/4	LW 9 mm	35,0	11,0	14 mm
K-07 40 13 51	R 1/4	LW 10 mm	36,0	11,0	14 mm
K-07 40 13 52	R 1/4	LW 12 mm	36,0	11,0	14 mm
K-07 40 49 75	R 1/4	LW 13 mm	39,5	11,5	14 mm
K-07 40 13 53	R 3/8	LW 9 mm	35,5	11,5	17 mm
K-07 40 13 54	R 3/8	LW 10 mm	36,5	11,5	17 mm
K-07 40 13 55	R 3/8	LW 12 mm	36,5	11,5	17 mm
K-07 40 49 77	R 3/8	LW 13 mm	41,0	13,0	17 mm
K-07 40 13 56	R 1/2	LW 9 mm	38,5	14,0	22 mm
K-07 40 13 57	R 1/2	LW 10 mm	39,5	14,0	22 mm
K-07 40 13 58	R 1/2	LW 12 mm	39,5	14,0	22 mm
K-07 40 49 78	R 1/2	LW 13 mm	44,5	15,5	22 mm
K-07 40 49 79	R 1/2	LW 16 mm	44,5	15,5	22 mm
K-07 40 49 80	R 1/2	LW 19 mm	44,5	15,5	22 mm

Web: <http://cat.hansa-flex.com/en/KTRAGKMSNI>

### K-TR AG OR MS NI

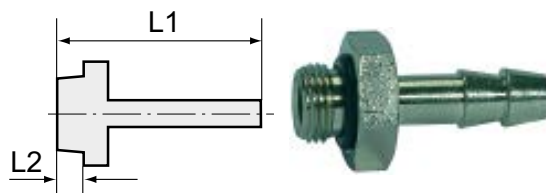
#### Male hose fittings, parallel, with O-ring - nickel-plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 80 °C (with O-ring, NBR)

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 13 59	G 1/8	LW 6 mm	30,0	6,5	14 mm
K- 07 40 13 60	G 1/8	LW 8 mm	31,0	6,0	15 mm
K- 07 40 13 61	G 1/8	LW 9 mm	31,0	6,0	15 mm
K- 07 40 13 62	G 1/4	LW 6 mm	32,0	8,0	17 mm
K- 07 40 13 63	G 1/4	LW 9 mm	33,0	8,0	18 mm
K- 07 40 13 64	G 1/4	LW 12 mm	33,0	8,0	18 mm
K- 07 40 49 89	G 1/4	LW 8 mm	32,0	8,0	17 mm
K- 07 40 49 90	G 1/4	LW 10 mm	33,0	8,0	17 mm
K- 07 40 49 96	G 1/4	LW 13 mm	33,0	8,0	18 mm
K- 07 40 49 97	G 3/8	LW 6 mm	33,0	9,0	20 mm
K- 07 40 49 98	G 3/8	LW 8 mm	33,0	9,0	20 mm
K- 07 40 13 65	G 3/8	LW 9 mm	34,0	9,0	21 mm
K- 07 40 49 91	G 3/8	LW 10 mm	34,0	9,0	20 mm
K- 07 40 13 66	G 3/8	LW 12 mm	34,0	9,0	21 mm
K- 07 40 49 92	G 3/8	LW 13 mm	34,0	9,0	21 mm
K- 07 40 13 67	G 1/2	LW 12 mm	36,0	11,0	26 mm
K- 07 40 49 93	G 1/2	LW 13 mm	36,0	10,0	24 mm
K- 07 40 49 94	G 1/2	LW 16 mm	40,0	10,0	25 mm
K- 07 40 49 95	G 1/2	LW 19 mm	40,0	10,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KTRAGORMSNI>

### K-TUE IG MS NI

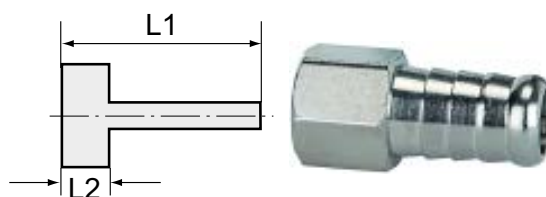
#### Female stems with parallel female thread - nickel-plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K- 07 40 11 76	G 1/8	LW 6 mm	28,0	8,5	12 mm
K- 07 40 11 77	G 1/8	LW 8 mm	28,0	8,5	12 mm
K- 07 40 11 78	G 1/8	LW 9 mm	28,0	8,5	12 mm
K- 07 40 11 79	G 1/8	LW 10 mm	28,0	8,5	12 mm
K- 07 40 11 80	G 1/4	LW 6 mm	33,0	10,0	15 mm
K- 07 40 11 81	G 1/4	LW 8 mm	33,0	10,0	15 mm
K- 07 40 11 82	G 1/4	LW 9 mm	33,0	10,0	15 mm
K- 07 40 11 83	G 1/4	LW 10 mm	33,0	10,0	15 mm
K- 07 40 11 84	G 1/4	LW 12 mm	33,0	10,0	15 mm
K- 07 40 11 85	G 3/8	LW 8 mm	35,0	12,0	19 mm
K- 07 40 11 86	G 3/8	LW 10 mm	35,0	12,0	19 mm



### K-TUE IG MS NI

(Continued)

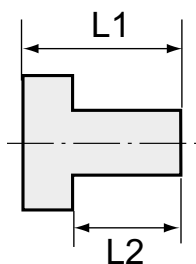
#### Female stems with parallel female thread - nickel-plated brass

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 11 87	G 3/8	LW 12 mm	35,0	12,0	19 mm
K-07 40 11 88	G 3/8	LW 14 mm	35,0	12,0	19 mm
K-07 40 11 89	G 1/2	LW 10 mm	38,0	14,0	25 mm
K-07 40 11 90	G 1/2	LW 12 mm	41,0	14,0	25 mm
K-07 40 11 91	G 1/2	LW 14 mm	41,0	14,0	25 mm

Web: <http://cat.hansa-flex.com/en/KTUEIGMSNI>

### K-VLST K AG IG MS NI

#### Extensions, short, parallel - nickel-plated brass



Suitable for air, water, oil, steam, etc.

Operating temperature: Max. 150 °C

Pressure: Max. 60 bar

Material: Nickel-plated brass

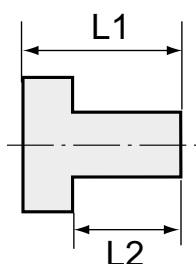
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 39 01	M 5	G 1/8	17,0	4,0	12 mm
K-07 40 39 02	G 1/8	G 1/8	18,5	6,0	14 mm
K-07 40 39 03	G 1/8	G 1/4	21,5	6,0	17 mm
K-07 40 39 04	G 1/4	G 1/4	22,5	8,0	17 mm
K-07 40 39 05	G 1/4	G 3/8	26,0	8,0	22 mm
K-07 40 39 06	G 3/8	G 3/8	26,5	9,0	22 mm
K-07 40 39 07	G 3/8	G 1/2	29,5	9,0	24 mm
K-07 40 39 08	G 1/2	G 1/2	29,5	10,0	25 mm

Web: <http://cat.hansa-flex.com/en/KVLSTKAGIGMSNI>

### K-VLST K AG-K IG MS NI

#### Extensions, short, conical male thread, parallel female thread - nickel-plated brass



Suitable for air, water, oil, steam, etc.

Operating temperature: Max. 150 °C

Pressure: Max. 60 bar

Material: Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 38 91	R 1/8	G 1/8	20,0	8,0	14 mm
K-07 40 38 92	R 1/8	G 1/4	22,5	8,0	17 mm
K-07 40 38 98	R 1/8	G 3/8	22,5	8,0	22 mm
K-07 40 38 93	R 1/4	G 1/4	25,0	11,0	17 mm
K-07 40 38 94	R 1/4	G 3/8	28,5	11,0	22 mm
K-07 40 38 95	R 1/4	G 1/2	29,0	11,0	24 mm
K-07 40 38 96	R 3/8	G 3/8	28,5	11,5	22 mm
K-07 40 38 97	R 3/8	G 1/2	32,0	11,5	24 mm





(Continued)

K-VLST K AG-K IG MS NI

Extensions, short, conical male thread, parallel female thread - nickel-plated brass

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K- 07 40 38 99	R 1/2	G 1/2	34,0	14,0	24 mm
K- 07 40 39 00	R 1/2	G 3/4	35,0	14,0	32 mm

Web: <http://cat.hansa-flex.com/en/KVLSTKAGKIGMSNI>

K-VLST 2 X IG MS NI

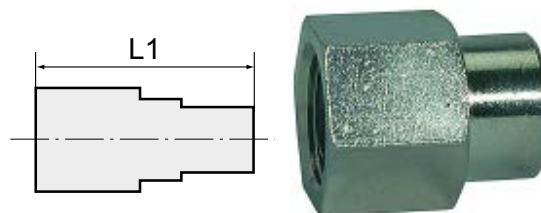
Extensions, 2 x female thread, parallel - nickel-plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1	Thread 2	L1 mm	AF
K- 07 40 39 09	M 5	G 1/8	13,5	14 mm
K- 07 40 39 10	G 1/8	G 1/4	21,5	17 mm
K- 07 40 39 11	G 1/8	G 3/8	23,5	22 mm
K- 07 40 39 12	G 1/4	G 3/8	25,5	22 mm
K- 07 40 39 13	G 1/4	G 1/2	28,5	24 mm
K- 07 40 39 14	G 3/8	G 1/2	29,5	24 mm
K- 07 40 39 15	G 1/2	G 3/4	30,0	32 mm
K- 07 40 43 91	G 1/2	G 1/8	24,0	24 mm
K- 07 40 43 92	G 1	G 3/4	25,0	38 mm

Web: <http://cat.hansa-flex.com/en/KVLST2XIGMSNI>

K-VLST L AG IG MS NI

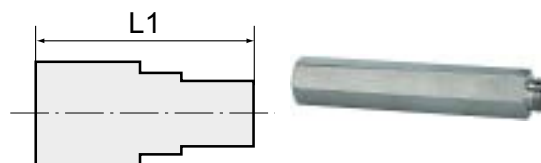
Extensions, long, parallel - nickel-plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass



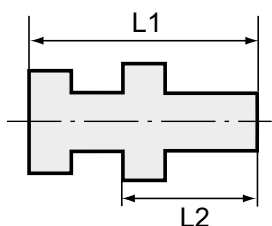
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	AF
K- 07 40 39 16	G 1/8	G 1/8	22,0	14 mm
K- 07 40 39 17	G 1/8	G 1/8	42,0	14 mm
K- 07 40 39 18	G 1/8	G 1/8	51,0	14 mm
K- 07 40 39 19	G 1/8	G 1/8	100,0	14 mm
K- 07 40 39 20	G 1/4	G 1/4	35,0	17 mm
K- 07 40 39 21	G 1/4	G 1/4	51,0	17 mm
K- 07 40 39 22	G 1/4	G 1/4	100,0	17 mm

Web: <http://cat.hansa-flex.com/en/KVLSTLAGIGMSNI>

### K-SV MS NI

#### Bulkhead connectors - nickel-plated brass



Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF1 mm	AF2 mm
K-07 40 34 27	M 16 x 1.5	G 1/8	18,0	14,0	22	19
K-07 40 34 28	M 20 x 1.5	G 1/4	26,0	21,0	24	27
K-07 40 34 29	M 26 x 1.5	G 3/8	26,0	21,0	32	30
K-07 40 34 30	M 28 x 1.5	G 1/2	33,5	27,0	32	36

**Web:** <http://cat.hansa-flex.com/en/KSVMSNI>

### K-VERSCHLUSSKAPPEN MS NI

#### Hexagonal caps - nickel-plated brass



Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C

**Pressure:** Max. 60 bar

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

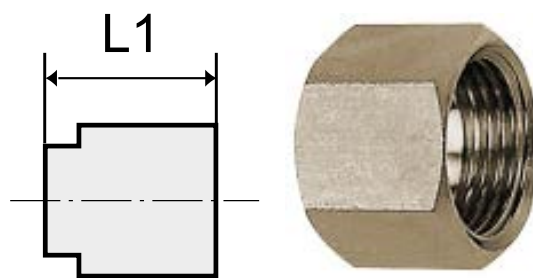
Identification	Thread	L1 mm	AF
K-07 40 39 49	G 1/8	13,0	14 mm
K-07 40 39 50	G 1/4	15,0	17 mm
K-07 40 39 51	G 3/8	17,5	20 mm
K-07 40 39 52	G 1/2	20,0	24 mm
K-07 40 44 14	G 3/4	14,0	30 mm
K-07 40 44 15	G 1	15,0	37 mm

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSKAPPENMSNI>

**K-UEM MS NI**

## Hexagonal swivel nuts - nickel plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C**Pressure:** Max. 60 bar**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	For fitting size	L1 mm	AF
K- 07 40 44 22	G 1/8	I.D. 4, I.D. 6	13,0	14 mm
K- 07 40 44 23	G 1/4	I.D. 4, I.D. 6	15,0	17 mm
K- 07 40 44 24	G 3/8	I.D. 9	15,0	19 mm
K- 07 40 44 25	G 1/2	I.D. 4, I.D. 6, I.D. 9	16,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KUEMMSNI>**K-KM MS NI**

## Hexagonal lock nuts - nickel plated brass

Suitable for air, water, oil, steam, etc.

**Operating temperature:** Max. 150 °C**Pressure:** Max. 60 bar**Material:** Nickel-plated brass

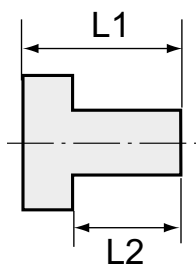
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 44 16	G 1/8	3,5	12 mm
K- 07 40 44 17	G 1/4	3,5	16 mm
K- 07 40 44 18	G 3/8	4,5	19 mm
K- 07 40 44 19	G 1/2	5,0	24 mm
K- 07 40 44 20	G 3/4	5,0	30 mm
K- 07 40 44 21	G 1	6,0	38 mm

**Web:** <http://cat.hansa-flex.com/en/KKMMSNI>

### K-VSTOK VALUE LINE MS NI

Plugs, incl. NBR-O-ring



For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 80 °C

**Material:** Nickel-plated brass

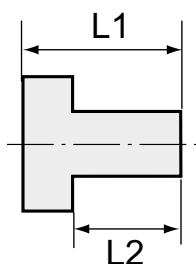
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	hexagon socket mm	L1 mm	L2 mm
K-07 40 40 09	M 5	2,5	7,2	4,5
K-07 40 40 10	G 1/8	5,0	9,5	6,5
K-07 40 40 11	G 1/4	6,0	11,5	8,0
K-07 40 40 12	G 3/8	8,0	12,5	9,0
K-07 40 40 13	G 1/2	10,0	14,0	10,0

**Web:** <http://cat.hansa-flex.com/en/KVSTOKVALUELINEMSNI>

### K-VHR VALUE LINE MS NI

Screw plugs



For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 40 03	M 5	7,0	4,0	8 mm
K-07 40 40 04	G 1/8	10,0	6,0	14 mm
K-07 40 40 05	G 1/4	12,5	8,0	17 mm
K-07 40 40 06	G 3/8	13,5	9,0	19 mm
K-07 40 40 07	G 1/2	15,5	10,0	24 mm
K-07 40 40 08	G 3/4	16,5	11,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KVHRVALUELINEMSNI>

## K-VERL STUECK VALUE LINE MS NI

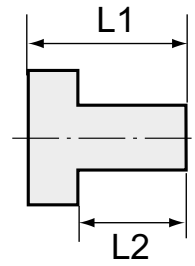
### Extensions

For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K- 07 40 39 23	M 5	G 1/8	14,5	4,0	14 mm
K- 07 40 39 24	G 1/8	G 1/8	16,0	6,0	14 mm
K- 07 40 39 25	G 1/8	G 1/4	19,5	6,0	17 mm
K- 07 40 39 26	G 1/4	G 1/4	21,5	8,0	17 mm
K- 07 40 39 27	G 1/4	G 3/8	22,5	8,0	22 mm
K- 07 40 39 28	G 3/8	G 3/8	23,5	9,0	22 mm
K- 07 40 39 29	G 3/8	G 1/2	27,0	9,0	24 mm
K- 07 40 39 30	G 1/2	G 1/2	28,0	10,0	26 mm

**Web:** <http://cat.hansa-flex.com/en/KVERLSTUECKVALUELINEMSNI>

## K-SV VALUE LINE MS NI

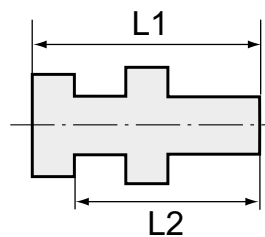
### Bulkhead connectors

For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass



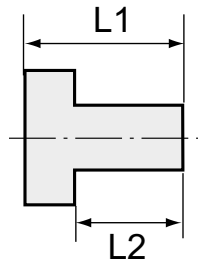
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 34 35	M 16 x 1.5	G 1/8	18,0	14,0	19	22
K- 07 40 34 36	M 20 x 1.5	G 1/4	25,0	21,0	24	27
K- 07 40 34 37	M 26 x 1.5	G 3/8	26,0	21,0	30	32
K- 07 40 34 38	M 28 x 1.5	G 1/2	33,0	27,0	32	36

**Web:** <http://cat.hansa-flex.com/en/KSVVALUELINEMSNI>

## K-RD NIPPEL VALUE LINE MS NI

### Reducing nipples



For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass

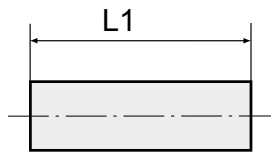
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 15 92	G 1/8	M 5	10,5	6,0	14 mm
K-07 40 15 93	G 1/4	G 1/8	13,0	8,0	17 mm
K-07 40 15 96	G 3/8	G 1/8	14,0	9,0	19 mm
K-07 40 15 94	G 3/8	G 1/4	14,0	9,0	19 mm
K-07 40 15 98	G 1/2	G 1/8	15,5	10,0	24 mm
K-07 40 15 97	G 1/2	G 1/4	15,5	10,0	24 mm
K-07 40 15 95	G 1/2	G 3/8	15,5	10,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPELVALUELINEMSNI>

## K-MUFFEN VALUE LINE MS NI

### Sockets



For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K-07 40 15 16	M 5	11,0	8 mm
K-07 40 15 17	G 1/8	15,0	14 mm
K-07 40 15 18	G 1/4	22,0	17 mm
K-07 40 15 19	G 3/8	23,0	22 mm
K-07 40 15 20	G 1/2	28,0	26 mm
K-07 40 15 21	G 3/4	32,0	32 mm

**Web:** <http://cat.hansa-flex.com/en/KMUFFENVALUELINEMSNI>

### K-TR AG OR VALUE LINE MS NI

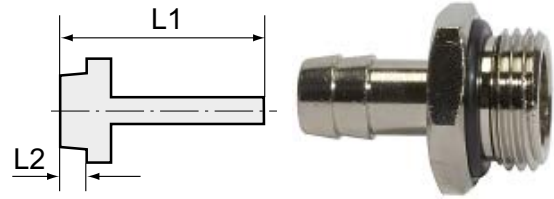
#### Male hose fittings, incl. NBR-O-ring, parallel male thread

For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 80 °C

**Material:** Nickel-plated brass



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 14 19	G 1/8	LW 6 mm	30,0	6,5	14 mm
K-07 40 14 20	G 1/8	LW 8 mm	30,0	6,5	14 mm
K-07 40 14 21	G 1/8	LW 9 mm	30,0	6,5	14 mm
K-07 40 14 22	G 1/4	LW 6 mm	32,0	8,0	17 mm
K-07 40 14 23	G 1/4	LW 9 mm	32,0	8,0	17 mm
K-07 40 14 24	G 1/4	LW 12 mm	33,0	8,0	17 mm
K-07 40 14 25	G 3/8	LW 9 mm	33,0	9,0	20 mm
K-07 40 14 26	G 3/8	LW 12 mm	34,0	9,0	20 mm
K-07 40 14 27	G 1/2	LW 12 mm	35,5	10,0	25 mm

**Web:** <http://cat.hansa-flex.com/en/KTRAGORVALUELINEMSNI>

### K-TR AG-K VALUE LINE MS NI

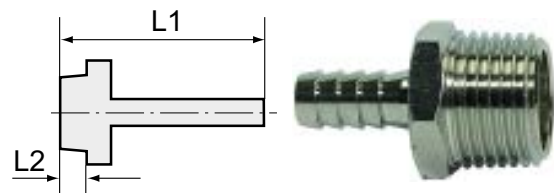
#### Male hose fittings, conical male thread

For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass



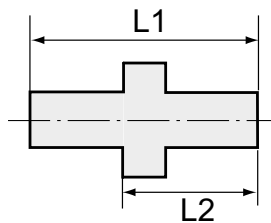
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 14 04	R 1/8	LW 6 mm	31,5	8,0	12 mm
K-07 40 14 05	R 1/8	LW 8 mm	31,5	8,0	12 mm
K-07 40 14 06	R 1/8	LW 9 mm	31,5	8,0	12 mm
K-07 40 14 07	R 1/8	LW 10 mm	32,5	8,0	12 mm
K-07 40 14 08	R 1/4	LW 6 mm	35,0	11,0	14 mm
K-07 40 14 09	R 1/4	LW 8 mm	35,0	11,0	14 mm
K-07 40 14 10	R 1/4	LW 9 mm	35,0	11,0	14 mm
K-07 40 14 11	R 1/4	LW 10 mm	36,0	11,0	14 mm
K-07 40 14 12	R 1/4	LW 12 mm	36,0	11,0	14 mm
K-07 40 14 13	R 3/8	LW 9 mm	35,5	11,5	17 mm
K-07 40 14 14	R 3/8	LW 10 mm	36,5	11,5	17 mm
K-07 40 14 15	R 3/8	LW 12 mm	36,5	11,5	17 mm
K-07 40 14 16	R 1/2	LW 9 mm	38,5	14,0	22 mm
K-07 40 14 17	R 1/2	LW 10 mm	39,5	14,0	22 mm
K-07 40 14 18	R 1/2	LW 12 mm	39,5	14,0	22 mm

**Web:** <http://cat.hansa-flex.com/en/KTRAGKVALUELINEMSNI>

## K-XV VALUE LINE MS NI

### Double nipples



For air, water, steam, oil, etc.

**Max. working pressure:** 60 bar

**max. operating temperature:** 150 °C

**Material:** Nickel-plated brass

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1	Thread 2	L1 mm	L2 mm	AF
K-07 40 12 95	M 5	M 5	11,5	7,5	8 mm
K-07 40 12 96	G 1/8	G 1/8	16,5	10,5	14 mm
K-07 40 12 97	G 1/8	G 1/4	19,0	13,0	17 mm
K-07 40 12 98	G 1/4	G 1/4	21,0	13,0	17 mm
K-07 40 12 99	G 1/4	G 3/8	22,0	14,0	19 mm
K-07 40 13 00	G 1/4	G 1/2	23,5	15,5	24 mm
K-07 40 13 01	G 3/8	G 3/8	23,0	14,0	19 mm
K-07 40 13 02	G 3/8	G 1/2	24,5	15,5	24 mm
K-07 40 13 03	G 1/2	G 1/2	25,5	15,5	24 mm

**Web:** <http://cat.hansa-flex.com/en/KXVVALUELINEMSNI>



## K-ROHRDOPPELNIPPEL VA

## Double pipe nipples, stainless steel 1.4571

**Working pressure:** Max. 20 bar  
**Connecting thread:** R-thread to EN 10226  
**Material:** Stainless steel 1.4571



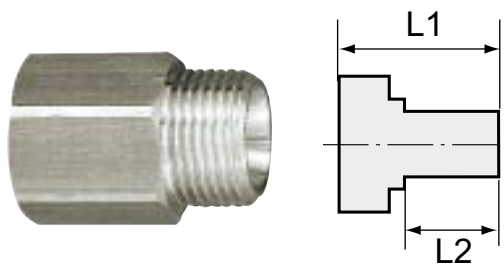
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	Length mm	Identification	Thread	Length mm
K-07 40 48 61	R 1/4	40,0	K-07 40 48 29	R 1	40,0
K-07 40 48 62	R 1/4	60,0	K-07 40 48 30	R 1	60,0
K-07 40 48 63	R 1/4	80,0	K-07 40 48 31	R 1	80,0
K-07 40 48 56	R 1/4	100,0	K-07 40 40 93	R 1	150,0
K-07 40 48 57	R 1/4	120,0	K-07 40 48 25	R 1	100,0
K-07 40 48 58	R 1/4	150,0	K-07 40 48 26	R 1	120,0
K-07 40 48 59	R 1/4	180,0	K-07 40 48 27	R 1	180,0
K-07 40 48 60	R 1/4	200,0	K-07 40 48 28	R 1	200,0
K-07 40 48 85	R 3/8	40,0	K-07 40 48 45	R 1 1/4	40,0
K-07 40 48 86	R 3/8	60,0	K-07 40 48 46	R 1 1/4	60,0
K-07 40 48 87	R 3/8	80,0	K-07 40 48 47	R 1 1/4	80,0
K-07 40 48 80	R 3/8	100,0	K-07 40 48 40	R 1 1/4	100,0
K-07 40 48 81	R 3/8	120,0	K-07 40 48 41	R 1 1/4	120,0
K-07 40 48 82	R 3/8	150,0	K-07 40 48 42	R 1 1/4	150,0
K-07 40 48 83	R 3/8	180,0	K-07 40 48 43	R 1 1/4	180,0
K-07 40 48 84	R 3/8	200,0	K-07 40 48 44	R 1 1/4	200,0
K-07 40 48 53	R 1/2	40,0	K-07 40 48 37	R 1 1/2	40,0
K-07 40 48 54	R 1/2	60,0	K-07 40 48 38	R 1 1/2	60,0
K-07 40 48 55	R 1/2	80,0	K-07 40 48 39	R 1 1/2	80,0
K-07 40 48 48	R 1/2	100,0	K-07 40 48 32	R 1 1/2	100,0
K-07 40 48 49	R 1/2	120,0	K-07 40 48 33	R 1 1/2	120,0
K-07 40 48 50	R 1/2	150,0	K-07 40 48 34	R 1 1/2	150,0
K-07 40 48 51	R 1/2	180,0	K-07 40 48 35	R 1 1/2	180,0
K-07 40 48 52	R 1/2	200,0	K-07 40 48 36	R 1 1/2	200,0
K-07 40 48 77	R 3/4	40,0	K-07 40 48 69	R 2	40,0
K-07 40 48 78	R 3/4	60,0	K-07 40 48 70	R 2	60,0
K-07 40 48 79	R 3/4	80,0	K-07 40 48 71	R 2	80,0
K-07 40 48 72	R 3/4	100,0	K-07 40 48 64	R 2	100,0
K-07 40 48 73	R 3/4	120,0	K-07 40 48 65	R 2	120,0
K-07 40 48 74	R 3/4	150,0	K-07 40 48 66	R 2	150,0
K-07 40 48 75	R 3/4	180,0	K-07 40 48 67	R 2	180,0
K-07 40 48 76	R 3/4	200,0	K-07 40 48 68	R 2	200,0

**Web:** <http://cat.hansa-flex.com/en/KROHRDOPPELNIPPELVA>

**K-RD NIPPEL LANG ES**

## Reducing nipples, long type



**Working pressure:** Max. 20 bar  
**Material:** Stainless steel 1.4571

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 15 38	M 5	M 5	16,0	5,5	10 mm
K-07 40 15 39	M 5	G 1/8	17,0	5,0	14 mm
K-07 40 15 43	G 1/8	G 1/8	23,0	8,0	14 mm
K-07 40 15 40	G 1/8	G 1/4	26,0	10,0	17 mm
K-07 40 15 44	G 1/4	G 1/8	28,0	10,0	17 mm
K-07 40 15 45	G 1/4	G 1/4	28,0	10,0	17 mm
K-07 40 15 41	G 1/4	G 3/8	26,0	10,0	19 mm
K-07 40 15 46	G 3/8	G 1/4	29,0	10,0	19 mm
K-07 40 15 47	G 3/8	G 3/8	29,0	10,0	19 mm
K-07 40 15 42	G 3/8	G 1/2	27,0	12,0	24 mm
K-07 40 15 48	G 1/2	G 3/8	34,0	12,0	24 mm
K-07 40 15 49	G 1/2	G 1/2	34,0	12,0	24 mm
K-07 40 15 50	G 1/2	G 3/4	38,0	13,0	32 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPELLANGES>

**K-MUFFEN SK RD ES**

## Reducing sockets with outer hex - stainless steel



**Working pressure:** Max. 20 bar  
**Material:** Stainless steel 1.4571

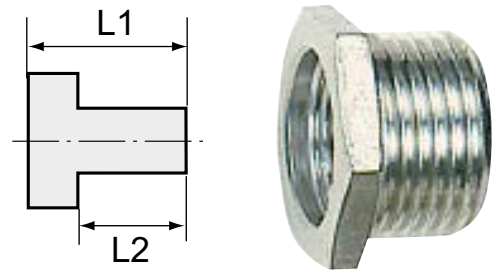
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1 female	Thread 2 female	L1 mm	AF
K-07 40 44 95	G 1/8	M 5	12,6	14 mm

**Web:** <http://cat.hansa-flex.com/en/KMUFFENSKRDES>

**K-RD NIPPEL KURZ ES**

## Reducing nipples, short type

**Working pressure:** Max. 20 bar**Material:** Stainless steel 1.4571

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K- 07 40 15 27	G 1/8	M 5	11,0	7,0	14 mm
K- 07 40 15 26	G 1/4	M 5	14,0	10,0	17 mm
K- 07 40 15 28	G 1/4	G 1/8	13,0	8,0	17 mm
K- 07 40 15 33	G 3/8	G 1/8	13,0	9,5	19 mm
K- 07 40 15 29	G 3/8	G 1/4	13,0	9,5	19 mm
K- 07 40 15 35	G 1/2	G 1/8	18,0	12,0	24 mm
K- 07 40 15 34	G 1/2	G 1/4	15,5	11,5	22 mm
K- 07 40 15 30	G 1/2	G 3/8	15,5	11,5	22 mm
K- 07 40 15 36	G 3/4	G 3/8	18,0	12,0	32 mm
K- 07 40 15 31	G 3/4	G 1/2	21,0	14,0	32 mm
K- 07 40 15 37	G 1	G 1/2	24,0	16,0	36 mm
K- 07 40 15 32	G 1	G 3/4	18,0	12,0	36 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPELKURZES>**K-MUFFEN SK ES**

## Sockets with outer hex - stainless steel

**Working pressure:** Max. 20 bar**Material:** Stainless steel 1.4571

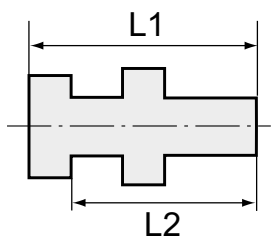
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Female thread	L1 mm	AF
K- 07 40 44 59	M 5	11,0	8 mm
K- 07 40 14 67	G 1/8	22,0	14 mm
K- 07 40 14 68	G 1/4	26,0	17 mm
K- 07 40 14 69	G 3/8	26,0	22 mm
K- 07 40 14 72	G 1/2	30,0	27 mm
K- 07 40 14 70	G 3/4	36,0	32 mm
K- 07 40 14 71	G 1	40,0	41 mm

**Web:** <http://cat.hansa-flex.com/en/KMUFFENSKES>

## K-SCHOTTNIPPEL ES

### Bulkhead nipples



**Working pressure:** Max. 20 bar  
**Material:** Stainless steel 1.4571

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF1 mm	AF2 mm
K-07 40 34 24	G 1/4	G 1/8	18,0	14,0	17	17
K-07 40 34 25	G 3/8	G 1/4	22,0	17,0	19	24
K-07 40 34 26	G 1/2	G 3/8	27,0	21,0	24	24

**Web:** <http://cat.hansa-flex.com/en/KSCHOTTNIPPELES>

## K-UEM ES

### Hexagonal swivel nuts



**Working pressure:** Max. 20 bar  
**Material:** Stainless steel 1.4571

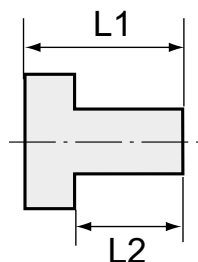
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	For fitting size	L1 mm	AF
K-07 40 38 74	G 1/4	I.D. 4, I.D. 6	15,0	17 mm
K-07 40 38 73	G 1/4	I.D. 9	15,0	17 mm
K-07 40 38 75	G 3/8	I.D. 4, I.D. 6, I.D. 9	15,0	19 mm
K-07 40 38 77	G 1/2	I.D. 9	16,0	24 mm
K-07 40 38 76	G 1/2	I.D. 13	16,0	24 mm

**Web:** <http://cat.hansa-flex.com/en/KUEMES>

## K-VHR 6KT BUND ES

### Hexagon head screw plugs with collar



**Working pressure:** Max. 20 bar  
**Design:** Blanking screw, with hexagon head  
**Material:** Stainless steel 1.4571

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 44 48	G 1/8	17,0	8,0	10 mm



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## K-VHR 6KT BUND ES

## Hexagon head screw plugs with collar

Identification	Thread	L1 mm	L2 mm	AF
K- 07 40 44 50	G 1/4	21,0	12,0	13 mm
K- 07 40 44 52	G 3/8	21,0	12,0	17 mm
K- 07 40 44 54	G 1/2	26,0	14,0	19 mm
K- 07 40 44 56	G 3/4	30,0	16,0	24 mm
K- 07 40 44 58	G 1	32,0	16,0	27 mm

Web: <http://cat.hansa-flex.com/en/KVHR6KTBUDES>

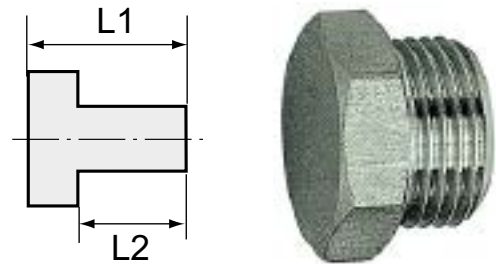
## K-VHR 6KT ES

## Hexagon head screw plugs

Working pressure: Max. 20 bar

Design: Blanking screw, with hexagon head

Material: Stainless steel 1.4571



Note: The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K- 07 40 39 69	G 1/8	11,0	6,0	13 mm
K- 07 40 39 70	G 1/4	13,0	8,0	17 mm
K- 07 40 39 71	G 3/8	14,0	8,0	19 mm
K- 07 40 39 72	G 1/2	16,0	10,0	24 mm
K- 07 40 45 28	G 3/4	16,0	11,0	30 mm
K- 07 40 44 43	G 1	19,0	13,0	38 mm

Web: <http://cat.hansa-flex.com/en/KVHR6KTES>

## K-VHR IS O BUND AG ES

## Hexagon socket screw plugs without collar, R-Thread

Working pressure: Max. 20 bar

Design: Blanking screw with hexagon socket

Material: Stainless steel 1.4571



Note: The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 45 30	R 1/8	8,0	5 mm
K- 07 40 45 33	R 1/4	10,0	7 mm
K- 07 40 45 36	R 3/8	10,0	8 mm
K- 07 40 45 39	R 1/2	10,0	10 mm
K- 07 40 45 42	R 3/4	12,0	12 mm
K- 07 40 45 44	R 1	12,0	17 mm

Web: <http://cat.hansa-flex.com/en/KVHRISOBUNDAGES>

### K-VHR IS O BUND ES

#### Hexagon socket screw plugs without collar



**Working pressure:** Max. 20 bar  
**Design:** Blanking screw with hexagon socket  
**Material:** Stainless steel 1.4571

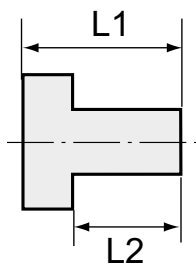
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K-07 40 39 63	G 1/8	8,0	5 mm
K-07 40 39 64	G 1/4	10,0	6 mm
K-07 40 44 44	G 3/8	12,5	8 mm
K-07 40 44 46	G 1/2	14,0	10 mm

**Web:** <http://cat.hansa-flex.com/en/KVHRISOBUNDES>

### K-VHR IS BUND ES

#### Hexagon socket screw plugs with collar



**Working pressure:** Max. 20 bar  
**Design:** Blanking screw with hexagon socket  
**Material:** Stainless steel 1.4571

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

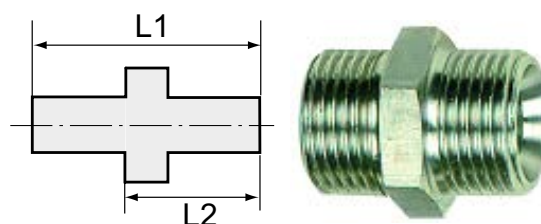
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 39 65	G 1/8	11,0	8,0	5 mm
K-07 40 39 66	G 1/4	13,0	10,0	6 mm
K-07 40 39 67	G 3/8	15,0	12,0	8 mm
K-07 40 39 68	G 1/2	18,0	14,0	10 mm
K-07 40 45 22	G 3/4	20,0	16,0	12 mm
K-07 40 45 25	G 1	21,0	16,0	17 mm

**Web:** <http://cat.hansa-flex.com/en/KVHRISOBUNDES>

### K-XV AGM

#### Double nipples, parallel male thread

**Working pressure:** Max. 20 bar  
**Material:** Stainless steel 1.4571



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

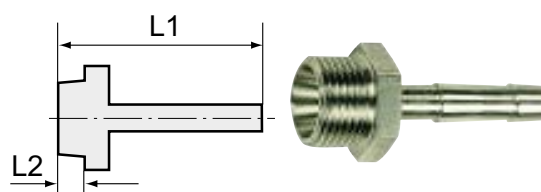
Identification	Thread 1	Thread 2	L1 mm	L2 mm	AF
K-07 40 11 98	M 5	M 5	13,0	8,0	7 mm
K-07 40 11 99	M 5	G 1/8	17,0	12,0	14 mm
K-07 40 12 00	M 5	G 1/4	21,0	14,0	17 mm
K-07 40 11 95	G 1/8	G 1/8	21,0	13,0	14 mm
K-07 40 11 97	G 1/8	G 1/4	22,0	14,0	17 mm
K-07 40 11 96	G 1/8	G 3/8	25,0	16,0	19 mm
K-07 40 12 01	G 1/4	G 1/4	23,0	14,0	17 mm
K-07 40 12 03	G 1/4	G 3/8	24,0	15,0	19 mm
K-07 40 12 02	G 1/4	G 1/2	27,0	18,0	24 mm
K-07 40 12 04	G 3/8	G 3/8	25,0	15,0	19 mm
K-07 40 12 06	G 3/8	G 1/2	27,0	17,0	24 mm
K-07 40 12 05	G 3/8	G 3/4	36,0	24,0	32 mm
K-07 40 12 07	G 1/2	G 1/2	29,0	17,0	24 mm
K-07 40 12 09	G 1/2	G 3/4	33,0	21,0	32 mm
K-07 40 12 08	G 1/2	G 1	40,0	24,0	36 mm
K-07 40 12 12	G 3/4	G 3/4	33,0	21,0	32 mm
K-07 40 12 10	G 3/4	G 1	40,0	24,0	36 mm
K-07 40 12 11	G 1	G 1	42,0	26,0	36 mm

**Web:** <http://cat.hansa-flex.com/en/KXVAGM>

### K-TR AG-K

#### Male hose fittings with conical male thread

**Working pressure:** Max. 20 bar  
**Material:** Stainless steel 1.4571



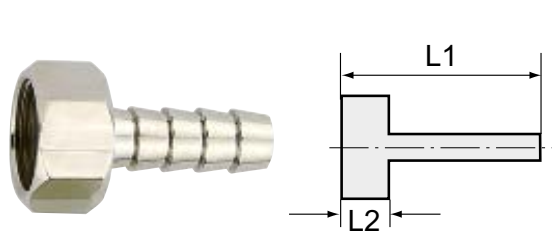
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 49 22	R 1/4	LW 9 mm	39,7	9,7	17 mm
K-07 40 49 31	R 3/8	LW 9 mm	40,1	10,1	19 mm
K-07 40 49 34	R 3/8	LW 13 mm	43,1	10,1	19 mm
K-07 40 49 45	R 1/2	LW 13 mm	47,2	13,2	24 mm
K-07 40 49 46	R 1/2	LW 19 mm	55,2	13,2	24 mm
K-07 40 49 52	R 3/4	LW 19 mm	56,2	14,5	32 mm
K-07 40 49 59	R 1	LW 25 mm	58,8	16,8	38 mm

**Web:** <http://cat.hansa-flex.com/en/KTRAGK>

## K-TUE IG ES

### Female hose fittings with female thread stainless steel



Working pressure: Max. 20 bar  
Material: Stainless steel 1.4571

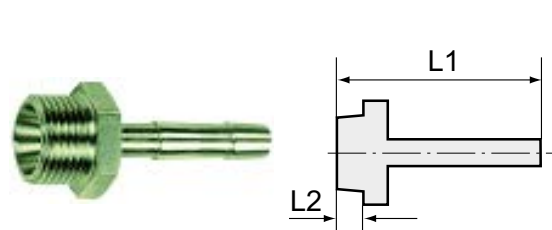
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 13 30	G 1/8	LW 6 mm	35,0	10,0	12 mm
K-07 40 13 31	G 1/8	LW 8 mm	35,0	10,0	12 mm
K-07 40 13 32	G 1/4	LW 6 mm	36,0	11,0	17 mm
K-07 40 13 33	G 1/4	LW 8 mm	36,0	11,0	17 mm
K-07 40 13 34	G 1/4	LW 10 mm	36,0	11,0	17 mm
K-07 40 13 35	G 1/4	LW 13 mm	40,5	11,0	17 mm
K-07 40 13 36	G 3/8	LW 6 mm	36,0	11,0	19 mm
K-07 40 13 37	G 3/8	LW 8 mm	36,0	11,0	19 mm
K-07 40 13 38	G 3/8	LW 10 mm	36,0	11,0	19 mm
K-07 40 13 39	G 3/8	LW 13 mm	40,5	11,0	19 mm
K-07 40 13 40	G 1/2	LW 6 mm	39,0	14,5	24 mm
K-07 40 13 41	G 1/2	LW 8 mm	39,0	14,5	24 mm
K-07 40 13 42	G 1/2	LW 10 mm	39,0	14,5	24 mm
K-07 40 13 43	G 1/2	LW 13 mm	44,0	14,5	24 mm

Web: <http://cat.hansa-flex.com/en/KTUEIGES>

## K-TR AG

### Male hose fittings with parallel male thread



Working pressure: Max. 20 bar  
Material: Stainless steel 1.4571

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 13 26	M 5	LW 4 mm	15,5	5,0	8 mm
K-07 40 49 69	M 5	LW 6 mm	23,5	5,0	9 mm
K-07 40 13 27	G 1/8	LW 4 mm	41,5	9,0	14 mm
K-07 40 13 28	G 1/8	LW 6 mm	41,5	9,0	14 mm
K-07 40 49 71	G 1/8	LW 8 mm	36,0	7,0	14 mm
K-07 40 13 29	G 1/8	LW 9 mm	48,5	10,0	17 mm
K-07 40 13 12	G 1/4	LW 4 mm	48,5	10,0	17 mm
K-07 40 13 13	G 1/4	LW 6 mm	48,5	10,0	17 mm
K-07 40 49 17	G 1/4	LW 8 mm	39,0	9,0	17 mm
K-07 40 49 21	G 1/4	LW 10 mm	39,0	9,0	17 mm
K-07 40 13 15	G 1/4	LW 9 mm	48,5	10,0	17 mm
K-07 40 13 14	G 1/4	LW 13 mm	48,5	10,0	19 mm
K-07 40 13 16	G 3/8	LW 4 mm	48,5	10,0	19 mm
K-07 40 13 17	G 3/8	LW 6 mm	48,5	10,0	19 mm
K-07 40 49 27	G 3/8	LW 8 mm	39,0	9,0	19 mm
K-07 40 13 19	G 3/8	LW 9 mm	48,5	10,0	19 mm
K-07 40 49 30	G 3/8	LW 10 mm	39,0	9,0	19 mm





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K-TR AG

## Male hose fittings with parallel male thread

Identification	Thread	for hose	L1 mm	L2 mm	AF
K-07 40 13 18	G 3/8	LW 13 mm	48,5	10,0	19 mm
K-07 40 13 20	G 1/2	LW 6 mm	48,5	10,0	24 mm
K-07 40 49 37	G 1/2	LW 8 mm	42,0	11,0	24 mm
K-07 40 13 21	G 1/2	LW 9 mm	48,5	10,0	24 mm
K-07 40 49 40	G 1/2	LW 10 mm	42,0	11,0	24 mm
K-07 40 13 22	G 1/2	LW 13 mm	50,0	10,0	24 mm
K-07 40 49 44	G 1/2	LW 19 mm	53,0	11,0	24 mm
K-07 40 49 43	G 1/2	LW 16 mm	53,0	11,0	24 mm
K-07 40 13 23	G 3/4	LW 9 mm	50,5	11,0	27 mm
K-07 40 13 24	G 3/4	LW 13 mm	52,0	11,0	27 mm
K-07 40 13 25	G 3/4	LW 19 mm	50,5	11,0	27 mm
K-07 40 49 57	G 1	LW 19 mm	55,0	13,0	38 mm
K-07 40 49 58	G 1	LW 25 mm	55,0	13,0	38 mm
K-07 40 49 67	G 1	LW 32 mm	55,0	13,0	38 mm

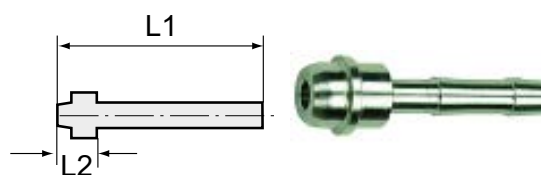
Web: <http://cat.hansa-flex.com/en/KTRAG>

## K-SCHLAUCHTUELLEN ES

## Hose fittings

Working pressure: Max. 20 bar

Material: Stainless steel 1.4571



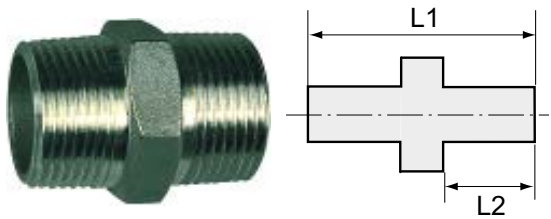
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	for hose	for union nut	L1 mm	L2 mm
K-07 40 16 51	LW 6 mm	G 1/8	33,5	6,0
K-07 40 16 44	LW 4 mm	G 1/4	47,0	13,5
K-07 40 16 45	LW 6 mm	G 1/4	47,0	13,5
K-07 40 16 46	LW 9 mm	G 1/4	47,0	14,0
K-07 40 16 47	LW 6 mm	G 3/8	48,5	15,0
K-07 40 16 48	LW 9 mm	G 3/8	48,5	15,0
K-07 40 16 49	LW 9 mm	G 1/2	48,5	15,0
K-07 40 16 50	LW 13 mm	G 1/2	48,5	15,0

Web: <http://cat.hansa-flex.com/en/KSCHLAUCHTUELLENES>

**K-XV 6-KANT**

## Double nipples, hexagonal

**Working pressure:** Max. 20 bar**Male thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

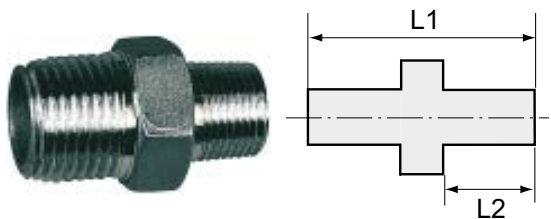
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 12 18	G 1/8	30,0	12,0	13 mm
K-07 40 12 19	G 1/4	32,0	13,0	16 mm
K-07 40 12 20	G 3/8	34,0	13,0	20 mm
K-07 40 12 21	G 1/2	37,5	15,0	24 mm
K-07 40 12 22	G 3/4	46,0	18,0	29 mm
K-07 40 12 23	G 1	51,0	19,0	35 mm
K-07 40 12 24	G 1 1/4	57,0	22,0	46 mm
K-07 40 12 25	G 1 1/2	58,0	23,0	51 mm
K-07 40 12 26	G 2	66,9	26,0	63 mm

**Web:** <http://cat.hansa-flex.com/en/KXV6KANT>

**K-XV RD 6-KANT**

## Double nipples, unequal, hexagonal

**Working pressure:** Max. 20 bar**Male thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

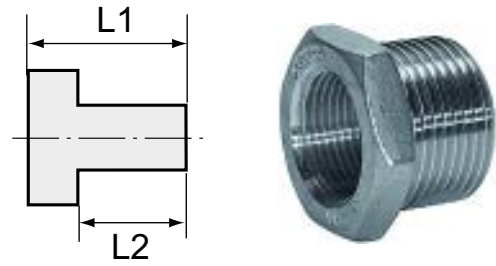
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1 male	Thread 2 male	L1 mm	L2 mm	AF
K-07 40 12 27	G 1/4	G 1/8	30,4	11,0	15 mm
K-07 40 12 28	G 3/8	G 1/8	34,2	12,0	20 mm
K-07 40 12 29	G 3/8	G 1/4	35,8	12,8	20 mm
K-07 40 12 30	G 1/2	G 1/4	38,0	13,0	24 mm
K-07 40 12 31	G 1/2	G 3/8	40,0	15,0	24 mm
K-07 40 12 32	G 3/4	G 3/8	41,0	16,0	27 mm
K-07 40 12 33	G 3/4	G 1/2	42,9	16,0	29 mm
K-07 40 12 34	G 1	G 1/2	46,0	17,0	36 mm
K-07 40 12 35	G 1	G 3/4	46,0	16,5	36 mm
K-07 40 12 36	G 1 1/4	G 3/4	50,0	17,5	45 mm
K-07 40 12 37	G 1 1/4	G 1	51,0	18,5	45 mm
K-07 40 12 38	G 1 1/2	G 1	52,0	18,5	51 mm
K-07 40 12 39	G 1 1/2	G 1 1/4	55,0	20,7	51 mm
K-07 40 12 40	G 2	G 1	58,0	20,0	62 mm
K-07 40 12 41	G 2	G 1 1/2	60,0	21,5	63 mm

**Web:** <http://cat.hansa-flex.com/en/KXVRD6KANT>

## K-RD NIPPEL 6 KT

## Reducing nipples, hexagonal

**Working pressure:** Max. 20 bar**Male thread:** Parallel to DIN EN ISO 228-1**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

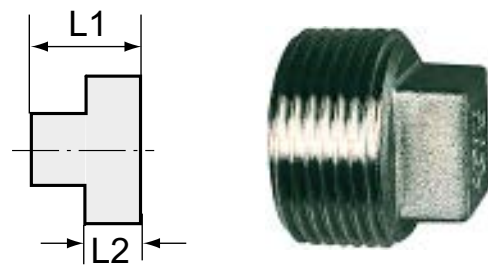
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Male thread	Female thread	L1 mm	L2 mm	AF
K-07 40 15 51	G 1/4	G 1/8	18,1	14,0	17 mm
K-07 40 15 52	G 3/8	G 1/8	19,0	12,9	21 mm
K-07 40 15 53	G 3/8	G 1/4	19,0	13,0	21 mm
K-07 40 15 54	G 1/2	G 1/4	22,0	15,6	25 mm
K-07 40 15 55	G 1/2	G 3/8	24,7	16,0	26 mm
K-07 40 15 56	G 3/4	G 3/8	25,0	15,8	30 mm
K-07 40 15 57	G 3/4	G 1/2	25,0	15,9	31 mm
K-07 40 15 58	G 1	G 1/2	29,0	20,0	37 mm
K-07 40 15 59	G 1	G 3/4	29,0	20,0	38 mm
K-07 40 15 60	G 1 1/4	G 3/4	30,0	22,4	46 mm
K-07 40 15 61	G 1 1/4	G 1	30,0	22,2	46 mm
K-07 40 15 62	G 1 1/2	G 1	32,0	23,0	53 mm
K-07 40 15 63	G 1 1/2	G 1 1/4	32,0	23,0	53 mm
K-07 40 15 64	G 2	G 1	36,0	26,0	63 mm
K-07 40 15 65	G 2	G 1 1/2	36,0	26,0	63 mm

**Web:** <http://cat.hansa-flex.com/en/KRDNIPPEL6KT>

## K-VSTOK 4

## Plugs, square

**Working pressure:** Max. 20 bar**Male thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

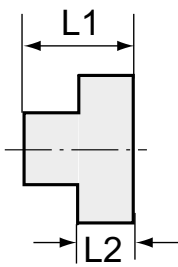
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 39 73	G 1/8	13,9	7,0	6 mm
K-07 40 39 74	G 1/4	19,4	11,2	9 mm
K-07 40 39 75	G 3/8	17,8	10,0	10 mm
K-07 40 39 76	G 1/2	25,0	15,8	14 mm
K-07 40 39 77	G 3/4	28,0	17,0	17 mm
K-07 40 39 78	G 1	31,0	19,0	19 mm
K-07 40 39 79	G 1 1/4	35,0	21,9	23 mm
K-07 40 39 80	G 1 1/2	36,0	21,9	26 mm
K-07 40 39 81	G 2	40,4	25,4	32 mm

**Web:** <http://cat.hansa-flex.com/en/KVSTOK4>

**K-VSTOK 6**

## Plugs, hexagonal

**Working pressure:** Max. 20 bar**Male thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

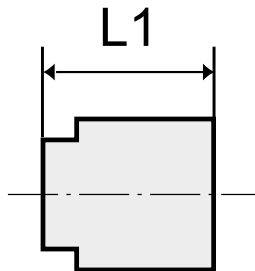
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 39 82	G 1/8	17,3	6,3	12 mm
K-07 40 39 83	G 1/4	18,3	6,2	17 mm
K-07 40 39 84	G 3/8	19,3	6,0	21 mm
K-07 40 39 85	G 1/2	22,2	6,0	26 mm
K-07 40 39 86	G 3/4	25,2	6,8	31 mm
K-07 40 39 87	G 1	27,0	7,3	38 mm
K-07 40 39 88	G 1 1/4	30,2	7,7	46 mm
K-07 40 39 89	G 1 1/2	32,4	8,8	53 mm
K-07 40 39 90	G 2	36,0	10,0	63 mm

**Web:** <http://cat.hansa-flex.com/en/KVSTOK6>

**K-VERSCHLUSSKAPPEN RUND**

## Hexagonal caps, round

**Working pressure:** Max. 20 bar**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	Ø mm
K-07 40 39 31	G 1/8	14,0	14,6
K-07 40 39 32	G 1/4	15,4	17,0
K-07 40 39 33	G 3/8	15,9	21,0
K-07 40 39 34	G 1/2	20,0	28,0
K-07 40 39 35	G 3/4	23,6	34,0
K-07 40 39 36	G 1	28,0	40,0
K-07 40 39 37	G 1 1/4	30,0	49,0
K-07 40 39 38	G 1 1/2	31,2	55,0
K-07 40 39 39	G 2	35,4	69,0

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSKAPPENRUND>

**K-VERSCHLUSSKAPPEN 6KT U. 8KT**

Caps, hexagonal (G 3/4 to G 2 = octagon)

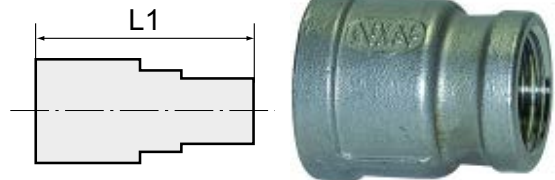
**Working pressure:** Max. 20 bar**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K-07 40 39 40	G 1/8	15,5	13 mm
K-07 40 39 41	G 1/4	16,0	16 mm
K-07 40 39 42	G 3/8	18,0	20 mm
K-07 40 39 43	G 1/2	22,6	26 mm
K-07 40 39 44	G 3/4	25,0	32 mm
K-07 40 39 45	G 1	30,0	40 mm
K-07 40 39 46	G 1 1/4	31,0	48 mm
K-07 40 39 47	G 1 1/2	33,0	56 mm
K-07 40 39 48	G 2	36,0	66 mm

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLUSSKAPPEN6KTU8KT>**K-RD MUFFE RUND**

Reducing sockets, round

**Working pressure:** Max. 20 bar**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

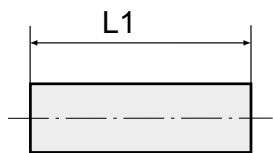
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread 1 female	Thread 2 female	L1 mm	Identification	Thread 1 female	Thread 2 female	L1 mm
K-07 40 14 73	G 1/4	G 1/8	27,0	K-07 40 14 81	G 1	G 3/4	41,5
K-07 40 14 74	G 3/8	G 1/8	28,4	K-07 40 45 82	G 1 1/4	G 1/2	43,5
K-07 40 14 75	G 3/8	G 1/4	29,5	K-07 40 14 82	G 1 1/4	G 3/4	45,0
K-07 40 45 80	G 1/2	G 1/8	32,0	K-07 40 14 83	G 1 1/4	G 1	48,0
K-07 40 14 76	G 1/2	G 1/4	32,0	K-07 40 45 83	G 1 1/2	G 3/4	47,5
K-07 40 14 77	G 1/2	G 3/8	33,5	K-07 40 14 84	G 1 1/2	G 1	54,1
K-07 40 14 78	G 3/4	G 3/8	36,0	K-07 40 14 85	G 1 1/2	G 1 1/4	54,0
K-07 40 14 79	G 3/4	G 1/2	38,5	K-07 40 14 86	G 2	G 1	54,0
K-07 40 45 81	G 1	G 3/8	38,8	K-07 40 45 84	G 2	G 1 1/4	57,0
K-07 40 14 80	G 1	G 1/2	40,5	K-07 40 14 87	G 2	G 1 1/2	56,0

**Web:** <http://cat.hansa-flex.com/en/KRDMUFFERUND>

**K-MUFFEN RUND**

Sockets, round

**Working pressure:** Max. 20 bar**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

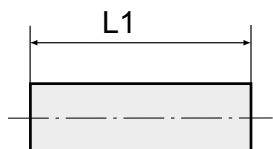
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm
K-07 40 14 88	G 1/8	25,0
K-07 40 14 89	G 1/4	25,4
K-07 40 14 90	G 3/8	30,0
K-07 40 14 91	G 1/2	35,0
K-07 40 14 92	G 3/4	38,6
K-07 40 14 93	G 1	43,9
K-07 40 14 94	G 1 1/4	50,1
K-07 40 14 95	G 1 1/2	53,6
K-07 40 14 96	G 2	63,0

**Web:** <http://cat.hansa-flex.com/en/KMUFFENRUND>

**K-MUFFEN RUND KURZ**

Sockets, round, short type

**Working pressure:** Max. 20 bar**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm
K-07 40 14 97	G 1/8	7,2
K-07 40 14 98	G 1/4	11,2
K-07 40 14 99	G 3/8	11,8
K-07 40 15 00	G 1/2	15,0
K-07 40 15 01	G 3/4	16,0
K-07 40 15 02	G 1	20,3
K-07 40 15 03	G 1 1/4	22,4
K-07 40 15 04	G 1 1/2	22,0
K-07 40 15 05	G 2	26,0

**Web:** <http://cat.hansa-flex.com/en/KMUFFENRUNDKURZ>

## K-KM

## Hexagonal lock nuts

**Working pressure:** Max. 20 bar**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

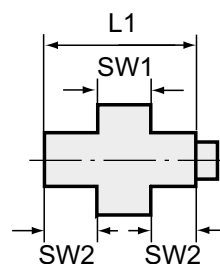
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 38 78	G 1/8	6,2	14 mm
K- 07 40 38 79	G 1/4	7,2	22 mm
K- 07 40 38 80	G 3/8	8,0	27 mm
K- 07 40 38 81	G 1/2	9,5	32 mm
K- 07 40 38 82	G 3/4	9,8	36 mm
K- 07 40 38 83	G 1	10,4	46 mm
K- 07 40 38 84	G 1 1/4	11,0	55 mm
K- 07 40 38 85	G 1 1/2	12,3	60 mm
K- 07 40 38 86	G 2	13,0	74 mm

**Web:** <http://cat.hansa-flex.com/en/KKM>

## K-XG LOESBAR IG IG FLACHDICHT

## Detachable double nipples, female, flat seat

**Working pressure:** Max. 10 bar**Male thread:** Parallel to DIN EN ISO 228-1**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

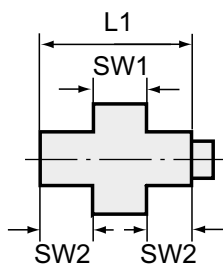
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF1 mm	AF2 mm
K- 07 40 45 85	G 1/8	32,3	29	18
K- 07 40 45 94	G 1/4	32,4	29	18
K- 07 40 45 95	G 3/8	34,7	34	22
K- 07 40 46 00	G 1/2	40,0	39	26
K- 07 40 46 01	G 3/4	42,0	47	32
K- 07 40 46 02	G 1	48,7	58	40
K- 07 40 46 03	G 1 1/4	54,0	67	49
K- 07 40 46 04	G 1 1/2	58,9	76	56
K- 07 40 46 05	G 2	62,2	90	68

**Web:** <http://cat.hansa-flex.com/en/KXGLOESBARIGIGFLACHDICHT>

**K-XG LOESBAR IG AG**

Detachable double nipples, female-male, flat seat

**Working pressure:** Max. 10 bar**Male thread:** Parallel to DIN EN ISO 228-1**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

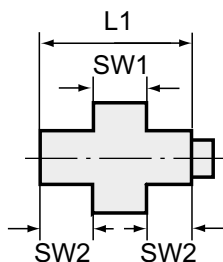
**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF1 mm	AF2 mm
K-07 40 46 06	G 1/8	42,3	29	18
K-07 40 46 15	G 1/4	43,0	29	18
K-07 40 46 16	G 3/8	46,0	34	22
K-07 40 46 21	G 1/2	56,0	39	26
K-07 40 46 22	G 3/4	59,7	47	32
K-07 40 46 23	G 1	67,0	58	40
K-07 40 46 24	G 1 1/4	76,0	67	49
K-07 40 46 25	G 1 1/2	81,0	76	56
K-07 40 46 26	G 2	89,0	90	68

**Web:** <http://cat.hansa-flex.com/en/KXGLOESBARIGAG>

**K-XG LOESBAR IG IG KONISCHDICH**

Detachable double nipples, female, taper seat

**Working pressure:** Max. 10 bar**Male thread:** Parallel to DIN EN ISO 228-1**Female thread:** Parallel to DIN EN ISO 228-1**Material:** Stainless steel 1.4408

**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

Identification	Thread	L1 mm	AF1 mm	AF2 mm
K-07 40 12 42	G 1/8	32,3	29	18
K-07 40 12 43	G 1/4	32,4	29	18
K-07 40 12 44	G 3/8	34,7	34	22
K-07 40 12 45	G 1/2	40,0	39	26
K-07 40 12 46	G 3/4	42,0	47	32
K-07 40 12 47	G 1	48,7	58	40
K-07 40 12 48	G 1 1/4	54,0	67	49
K-07 40 12 49	G 1 1/2	58,9	76	56
K-07 40 12 50	G 2	62,2	90	68

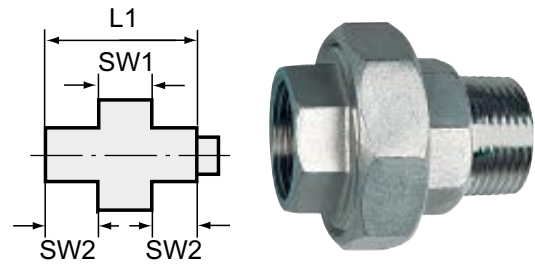
**Web:** <http://cat.hansa-flex.com/en/KXGLOESBARIGIGKONISCHDICH>



### K-XG LOESBAR IG AG 2

Detachable double nipples, female-male, taper seat

**Working pressure:** Max. 10 bar  
**Male thread:** Parallel to DIN EN ISO 228-1  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Stainless steel 1.4408



**Note:** The dimensions of the standard screw fittings may change slightly during the life of the catalogue as a result of optimisation processes. Further information on request

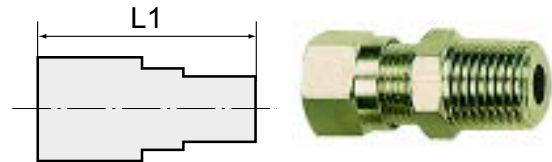
Identification	Thread	L1 mm	AF1 mm	AF2 mm
K- 07 40 12 51	G 1/8	42,3	29	18
K- 07 40 12 52	G 1/4	43,0	29	18
K- 07 40 12 53	G 3/8	46,0	34	22
K- 07 40 12 54	G 1/2	56,0	39	26
K- 07 40 12 55	G 3/4	59,7	47	32
K- 07 40 12 56	G 1	67,0	58	40
K- 07 40 12 57	G 1 1/4	76,0	67	49
K- 07 40 12 58	G 1 1/2	81,0	76	56
K- 07 40 12 59	G 2	89,0	90	68

**Web:** <http://cat.hansa-flex.com/en/KXGLOESBARIGAG2>

### K-XVMK 6

Male connectors, conical male thread acc. to ISO 7-1

**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass



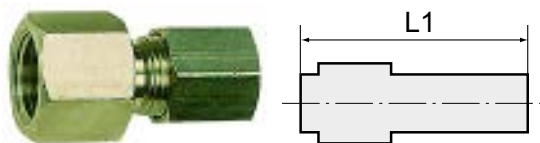
**Note:** Further information on request

Identification	External pipe Ø	Thread	L1 mm	AF	AF1 mm
K- 07 40 20 02	4 mm	R 1/8	27,0	10 mm	10
K- 07 40 20 03	6 mm	R 1/8	28,0	12 mm	12
K- 07 40 20 04	8 mm	R 1/8	29,5	12 mm	14
K- 07 40 20 05	6 mm	R 1/4	32,5	14 mm	12
K- 07 40 20 06	8 mm	R 1/4	33,0	14 mm	14
K- 07 40 20 07	10 mm	R 1/4	37,5	17 mm	19
K- 07 40 20 08	8 mm	R 3/8	33,0	17 mm	14
K- 07 40 20 09	10 mm	R 3/8	38,0	17 mm	19
K- 07 40 20 13	12 mm	R 3/8	39,0	19 mm	22
K- 07 40 20 18	10 mm	R 1/2	40,5	22 mm	19
K- 07 40 20 19	12 mm	R 1/2	41,0	22 mm	22
K- 07 40 20 28	18 mm	R 1/2	43,0	26 mm	32

**Web:** <http://cat.hansa-flex.com/en/KXVMK6>

## K-MV MS

### Pressure gauge fittings with female thread



**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass

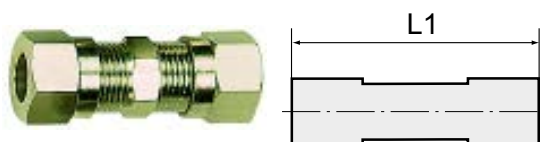
**Note:** Further information on request

Identification	External pipe Ø	Thread	L1 mm	AF	AF1 mm
K-07 40 20 36	4 mm	G 1/8	24,5	14 mm	10
K-07 40 20 37	6 mm	G 1/8	25,5	14 mm	12
K-07 40 20 38	8 mm	G 1/8	26,5	14 mm	14
K-07 40 20 39	6 mm	G 1/4	30,0	17 mm	12
K-07 40 20 40	8 mm	G 1/4	31,0	17 mm	14
K-07 40 20 41	10 mm	G 1/4	35,5	17 mm	19
K-07 40 20 42	8 mm	G 3/8	31,0	20 mm	14
K-07 40 20 43	10 mm	G 3/8	36,5	20 mm	19
K-07 40 20 44	12 mm	G 3/8	36,0	20 mm	22
K-07 40 20 45	12 mm	G 1/2	39,5	24 mm	22
K-07 40 20 46	15 mm	G 1/2	40,0	24 mm	27
K-07 40 20 47	18 mm	G 1/2	42,0	26 mm	32

**Web:** <http://cat.hansa-flex.com/en/KMVMMS>

## K-XV

### Unions, pipe connection on both sides



**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass

**Note:** Further information on request

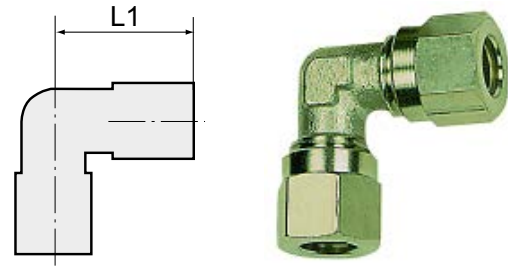
Identification	External pipe Ø	L1 mm	AF	AF1 mm
K-07 40 20 29	4 mm	34,0	10 mm	10
K-07 40 20 30	6 mm	35,0	12 mm	12
K-07 40 20 31	8 mm	38,5	14 mm	14
K-07 40 20 32	10 mm	47,5	17 mm	19
K-07 40 20 33	12 mm	48,0	19 mm	22
K-07 40 20 34	15 mm	50,0	24 mm	27
K-07 40 20 35	18 mm	56,0	27 mm	32

**Web:** <http://cat.hansa-flex.com/en/KXV>

### K-W90 VERSCHR HL

Union elbows, pipe connection on both sides

**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

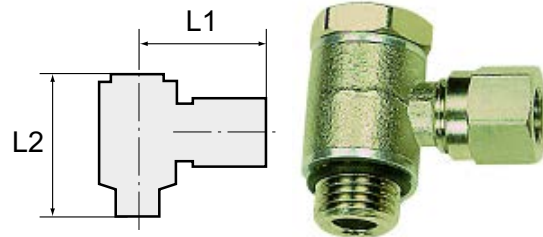
Identification	External pipe Ø	L1 mm	AF	AF1 mm
K- 07 40 20 48	4 mm	21,0	9 mm	10
K- 07 40 20 52	12 mm	34,5	15 mm	22
K- 07 40 20 50	8 mm	24,0	11 mm	14
K- 07 40 20 51	10 mm	32,0	13 mm	19
K- 07 40 20 54	18 mm	44,0	22 mm	32
K- 07 40 20 53	15 mm	38,0	17 mm	27
K- 07 40 20 49	6 mm	23,0	9 mm	12

**Web:** <http://cat.hansa-flex.com/en/KW90VERSCHRHL>

### K-SWR AG OR

Banjo elbows, parallel male thread with O-ring

**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

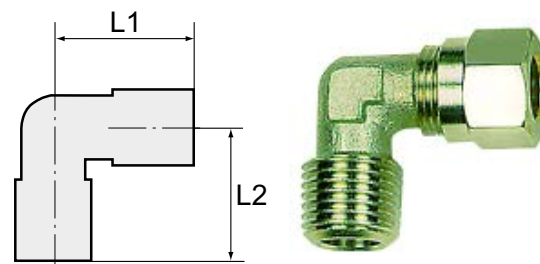
Identification	External pipe Ø	Thread	L1 mm	L2 mm	AF	AF1 mm
K- 07 40 20 55	6 mm	G 1/8	26,5	28,0	14 mm	12
K- 07 40 20 56	8 mm	G 1/8	25,5	28,0	14 mm	14
K- 07 40 20 57	6 mm	G 1/4	28,5	29,5	17 mm	12
K- 07 40 20 58	8 mm	G 1/4	28,0	29,5	17 mm	14

**Web:** <http://cat.hansa-flex.com/en/KSWRAGOR>

### K-W90 AG-K ISO 7-1 3

Male elbows, conical male thread acc. to ISO 7-1

**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	External pipe Ø	Thread	L1 mm	L2 mm	AF	AF1 mm
K- 07 40 20 59	4 mm	R 1/8	21,0	16,0	9 mm	10



### K-W90 AG-K ISO 7-1 3

(Continued)

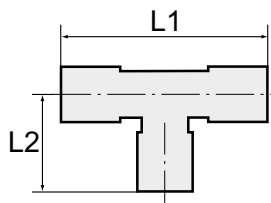
#### Male elbows, conical male thread acc. to ISO 7-1

Identification	External pipe Ø	Thread	L1 mm	L2 mm	AF	AF1 mm
K-07 40 20 60	6 mm	R 1/8	22,0	16,0	9 mm	12
K-07 40 20 61	8 mm	R 1/8	24,0	17,0	11 mm	14
K-07 40 20 62	6 mm	R 1/4	24,5	20,0	11 mm	12
K-07 40 20 63	8 mm	R 1/4	24,0	20,0	11 mm	14
K-07 40 20 64	10 mm	R 1/4	32,0	23,5	13 mm	19
K-07 40 20 65	8 mm	R 3/8	27,0	24,0	13 mm	14
K-07 40 20 66	10 mm	R 3/8	32,0	24,0	13 mm	19
K-07 40 20 67	12 mm	R 3/8	34,5	25,5	15 mm	22
K-07 40 19 79	10 mm	R 1/2	34,0	28,5	15 mm	19
K-07 40 19 80	12 mm	R 1/2	34,5	28,5	15 mm	22
K-07 40 19 81	15 mm	R 1/2	38,0	30,0	17 mm	27
K-07 40 19 82	18 mm	R 1/2	44,0	34,0	22 mm	32

Web: <http://cat.hansa-flex.com/en/KW90AGKISO713>

### K-T-VERSCHR HS

#### Branch tees, pipe connection on all sides



Pressure range: Max. 60 bar  
 Temperature: Max. 150 °C  
 Material: Nickel-plated brass

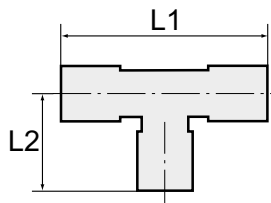
Note: Further information on request

Identification	External pipe Ø	L1 mm	L2 mm	AF	AF1 mm
K-07 40 19 95	4 mm	44,0	21,0	9 mm	10
K-07 40 19 96	6 mm	46,0	23,0	9 mm	12
K-07 40 19 97	8 mm	48,0	24,0	11 mm	14
K-07 40 19 98	10 mm	64,0	32,0	13 mm	19
K-07 40 19 99	12 mm	69,0	34,5	15 mm	22
K-07 40 20 00	15 mm	76,0	38,0	17 mm	27
K-07 40 20 01	18 mm	88,0	44,0	22 mm	32

Web: <http://cat.hansa-flex.com/en/KTVERSCHRHS>

### K-T AG-K ISO 7-1 2

#### Male branch tees, conical male thread acc. to ISO 7-1



Pressure range: Max. 60 bar  
 Temperature: Max. 150 °C  
 Material: Nickel-plated brass

Note: Further information on request

Identification	External pipe Ø	Thread	L1 mm	L2 mm	AF	AF1 mm
K-07 40 19 83	4 mm	R 1/8	44,0	16,0	9 mm	10
K-07 40 19 84	6 mm	R 1/8	46,0	16,0	9 mm	12
K-07 40 19 85	8 mm	R 1/8	48,0	17,0	11 mm	14
K-07 40 19 86	6 mm	R 1/4	46,0	20,0	11 mm	12



(Continued)

K-T AG-K ISO 7-1 2

Male branch tees, conical male thread acc. to ISO 7-1

Identification	External pipe Ø	Thread	L1 mm	L2 mm	AF	AF1 mm
K- 07 40 19 87	8 mm	R 1/4	48,0	20,0	11 mm	14
K- 07 40 19 88	10 mm	R 1/4	64,0	23,5	13 mm	19
K- 07 40 19 89	8 mm	R 3/8	54,0	24,0	13 mm	14
K- 07 40 19 90	10 mm	R 3/8	64,0	24,0	13 mm	19
K- 07 40 19 91	12 mm	R 3/8	69,0	25,5	15 mm	22
K- 07 40 19 92	12 mm	R 1/2	69,0	28,5	14 mm	22
K- 07 40 19 93	15 mm	R 1/2	76,0	30,0	17 mm	27
K- 07 40 19 94	18 mm	R 1/2	88,0	34,0	22 mm	32

Web: <http://cat.hansa-flex.com/en/KTAGKISO712>

K-SRD

Ferrules

**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Brass with a bare metal surface



**Note:** Further information on request

Identification	External pipe Ø
K- 07 40 20 10	4 mm
K- 07 40 20 11	6 mm
K- 07 40 20 12	8 mm
K- 07 40 20 14	10 mm
K- 07 40 20 15	12 mm
K- 07 40 20 16	15 mm
K- 07 40 20 17	18 mm

Web: <http://cat.hansa-flex.com/en/KSRD>

K-UEM

Hexagonal swivel nuts

**Pressure range:** Max. 60 bar  
**Temperature:** Max. 150 °C  
**Material:** Nickel-plated brass



**Note:** Further information on request

Identification	External pipe Ø	Thread
K- 07 40 20 20	4 mm / 2 mm	M 18 x 1
K- 07 40 20 21	6 mm / 4 mm	M 10 x 1
K- 07 40 20 22	8 mm / 6 mm	M 12 x 1
K- 07 40 20 23	10 mm / 8 mm	M 16 x 1.5
K- 07 40 20 24	12 mm / 10 mm	M 18 x 1.5
K- 07 40 20 25	15 mm / 12 mm	M 22 x 1.5
K- 07 40 20 27	18 mm / 14 mm	M 26 x 1,5

Web: <http://cat.hansa-flex.com/en/KUEM>

**K-GLEITFETT**

## Lubricants

For assembling bite-type tube fittings with steel or stainless steel pipes. Significantly reduced torques. No thread seizure: cold welding of stainless steel threads is ruled out. Silicone-free, food grade.



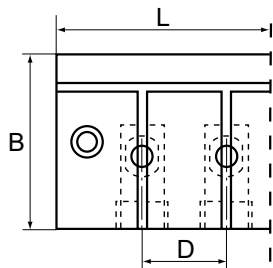
**Note:** Further information on request

Identification	Packaging unit
K-07 40 35 21	Tube 100 g
K-07 40 35 22	Tin 250 g

**Web:** <http://cat.hansa-flex.com/en/KGLEITFETT>

**K-VTL KUGELHAEHNE**

## Distributor block



Distributor and isolator block for machines and installations where it is necessary to close individual circuits. This block contains 6, 8 or 10 ball valves that can be adjusted using a screwdriver. Valves are also available with coil 110 V AC, 50 Hz and in a pneumatically operated version. Please ask for more information.

**Mounting:** 2 mounting holes in housing (screw size M 5)  
**Pressure range:** Max. +10 bar, rough vacuum  
**Temp. range:** -10 °C to +100 °C  
**Thread ball valve:** G 1/4  
**Housing:** Die-cast aluminium  
**Ball, spindle:** Ms 58, chrome-plated  
**Ball seals:** PTFE  
**O-ring:** NBR

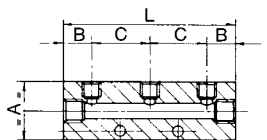
**Note:** Further information on request

Identification	amount of ball valves	Thread outlet	Thread inlet	B mm	D mm	L mm
K-07 40 40 46	6	G 3/8	G 3/8	52,0	25,0	175,0
K-07 40 40 47	8	G 3/8	G 3/8	52,0	25,0	225,0
K-07 40 40 45	10	G 3/8	G 3/8	52,0	25,0	275,0

**Web:** <http://cat.hansa-flex.com/en/KVTLKUGELHAEHNE>

**K-VTL**

## Distributor blocks, outlets on one side (front)



For easy assembly of compressed air taps (screw fittings, unions, couplings, etc.).

Optionally with 2, 3, 4, or 6 outlets on one side or both sides.

**Mounting:** 2 mounting holes in housing (screw size M 5)  
**Operating pressure:** Max. 10 bar  
**Temp. range:** -10 °C to +100 °C  
**Material:** Aluminium

**Note:** Further information on request

Identification	Output	Input	A mm	B mm	C mm	L mm
K-07 40 40 42	2 x M 5	2 x 1/8	20,0	15,0	15,0	45,0
K-07 40 53 01	3 x M 5	2 x 1/8	20,0	15,0	15,0	60,0
K-07 40 40 43	4 x M 5	2 x 1/8	20,0	15,0	15,0	75,0
K-07 40 40 44	6 x M 5	2 x 1/8	20,0	15,0	15,0	105,0



(Continued)

K-VTL

## Distributor blocks, outlets on one side (front)

Identification	Output	Input	A mm	B mm	C mm	L mm
K-07 40 40 30	2 x 1/8	2 x 1/4	30,0	15,0	30,0	60,0
K-07 40 52 91	3 x 1/8	2 x 1/4	30,0	15,0	30,0	90,0
K-07 40 40 31	4 x 1/8	2 x 1/4	30,0	15,0	30,0	120,0
K-07 40 40 32	6 x 1/8	2 x 1/4	30,0	15,0	30,0	180,0
K-07 40 40 33	2 x 1/4	2 x 3/8	40,0	18,0	36,0	72,0
K-07 40 52 94	3 x 1/4	2 x 3/8	30,0	18,0	36,0	108,0
K-07 40 40 34	4 x 1/4	2 x 3/8	30,0	18,0	36,0	144,0
K-07 40 40 35	6 x 1/4	2 x 3/8	30,0	18,0	36,0	216,0
K-07 40 40 36	2 x 1/8	2 x 3/8	40,0	18,0	30,0	66,0
K-07 40 52 97	3 x 1/8	2 x 3/8	30,0	18,0	30,0	96,0
K-07 40 40 37	4 x 1/8	2 x 3/8	30,0	18,0	30,0	126,0
K-07 40 40 38	6 x 1/8	2 x 3/8	30,0	18,0	30,0	186,0
K-07 40 40 39	2 x 1/4	2 x 1/2	40,0	22,0	36,0	80,0
K-07 40 52 98	3 x 1/4	2 x 1/2	40,0	22,0	36,0	116,0
K-07 40 40 40	4 x 1/4	2 x 1/2	40,0	22,0	36,0	152,0
K-07 40 40 41	6 x 1/4	2 x 1/2	40,0	22,0	36,0	224,0



Web: <http://cat.hansa-flex.com/en/KVTL>

K-VTL BEITSEITIG

## Distributor blocks, outlets on both sides (front and back)

For easy assembly of compressed air taps (screw fittings, unions, couplings, etc.).

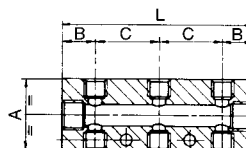
Optionally with 2, 3, 4, or 6 outlets on one side or both sides.

**Mounting:** 2 mounting holes in housing (screw size M 5)

**Operating pressure:** Max. 10 bar

**Temp. range:** -10 °C to +100 °C

**Material:** Aluminium



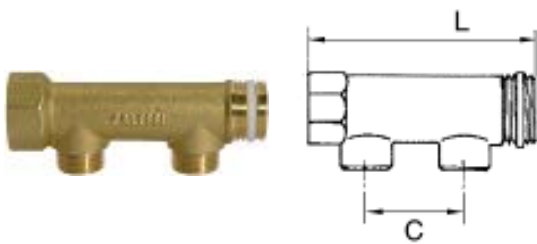
**Note:** Further information on request

Identification	Output	Input	A mm	B mm	C mm	L mm
K-07 40 40 28	2 + 2 x M 5	2 x 1/8	20,0	15,0	15,0	45,0
K-07 40 53 02	3 + 3 x M 5	2 x 1/8	20,0	15,0	15,0	60,0
K-07 40 40 29	4 + 4 x M 5	2 x 1/8	20,0	15,0	15,0	75,0
K-07 40 53 03	6 + 6 x M 5	2 x 1/8	20,0	15,0	15,0	105,0
K-07 40 40 22	2 + 2 x 1/8	2 x 1/4	30,0	15,0	30,0	60,0
K-07 40 52 92	3 + 3 x 1/8	2 x 1/4	30,0	15,0	30,0	90,0
K-07 40 40 23	4 + 4 x 1/8	2 x 1/4	30,0	15,0	30,0	120,0
K-07 40 52 93	6 + 6 x 1/8	2 x 1/4	30,0	15,0	30,0	180,0
K-07 40 40 24	2 + 2 x 1/4	2 x 3/8	40,0	18,0	36,0	72,0
K-07 40 52 95	3 + 3 x 1/4	2 x 3/8	40,0	18,0	36,0	108,0
K-07 40 40 25	4 + 4 x 1/4	2 x 3/8	40,0	18,0	36,0	144,0
K-07 40 52 96	6 + 6 x 1/4	2 x 3/8	40,0	18,0	36,0	216,0
K-07 40 40 26	2 + 2 x 1/4	2 x 1/2	40,0	22,0	36,0	80,0
K-07 40 52 99	3 + 3 x 1/4	2 x 1/2	40,0	22,0	36,0	116,0
K-07 40 40 27	4 + 4 x 1/4	2 x 1/2	40,0	22,0	36,0	152,0
K-07 40 53 00	6 + 6 x 1/4	2 x 1/2	40,0	22,0	36,0	224,0

Web: <http://cat.hansa-flex.com/en/KVTLBEITSEITIG>

**K-VTST 2 AB MS**

Distributor pieces, brass, with 2 outlets



For assembling compressed air taps. End fittings with 1 x male and 1 x female thread, outlets optionally with male or female thread.

**Connection:** G 3/4 and G 1 incl. PTFE-sealing at outer thread, G 1 1/4 without sealing

**Operating pressure:** Max. 10 bar

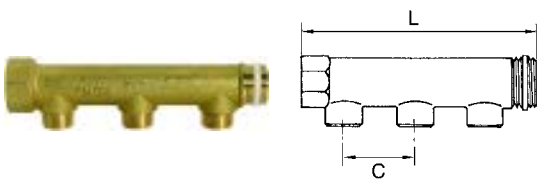
**Note:** Further information on request

Identification	Output	Input	C mm	L mm
K-07 40 40 49	2 x 1/2 male	2 x 3/4	50,0	110,0
K-07 40 40 50	2 x 1/2 female	2 x 3/4	50,0	110,0
K-07 40 40 51	2 x 1/2 male	2 x 1	50,0	113,0
K-07 40 40 52	2 x 1/2 female	2 x 1	50,0	113,0
K-07 40 40 53	2 x 1/2 male	2 x 1 1/4	60,0	137,0
K-07 40 40 54	2 x 1/2 female	2 x 1 1/4	60,0	137,0

**Web:** <http://cat.hansa-flex.com/en/KVTST2ABMS>

**K-VTST 3 AB MS**

Distributor pieces, brass, with 3 outlets



For assembling compressed air taps. End fittings with 1 x male and 1 x female thread, outlets optionally with male or female thread.

**Connection:** G 3/4 and G 1 incl. PTFE-sealing at outer thread, G 1 1/4 without sealing

**Operating pressure:** Max. 10 bar

**Note:** Further information on request

Identification	Output	Input	C mm	L mm
K-07 40 40 55	3 x 1/2 male	2 x 3/4	50,0	160,0
K-07 40 40 56	3 x 1/2 female	2 x 3/4	50,0	160,0
K-07 40 40 57	3 x 1/2 male	2 x 1	50,0	163,0
K-07 40 40 58	3 x 1/2 female	2 x 1	50,0	163,0
K-07 40 40 59	3 x 1/2 male	2 x 1 1/4	60,0	197,0
K-07 40 40 60	3 x 1/2 female	2 x 1 1/4	60,0	197,0

**Web:** <http://cat.hansa-flex.com/en/KVTST3ABMS>

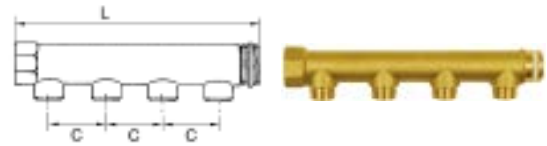


**K-VTST 4 AB MS****Distributor pieces, brass, with 4 outlets**

For assembling compressed air taps. End fittings with 1 x male and 1 x female thread, outlets optionally with male or female thread.

**Connection:** G 3/4 and G 1 incl. PTFE-sealing at outer thread, G 1 1/4 without sealing

**Operating pressure:** Max. 10 bar



**Note:** Further information on request

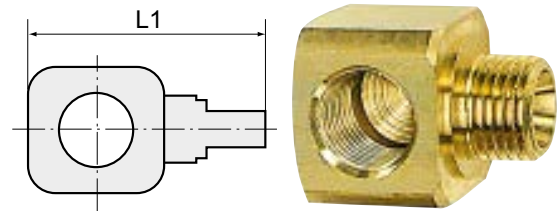
Identification	Output	Input	C mm	L mm
K- 07 40 52 85	4 x 1/2 male	2 x 3/4	50,0	210,0
K- 07 40 52 86	4 x 1/2 female	2 x 3/4	50,0	210,0
K- 07 40 52 87	4 x 1/2 male	2 x 1	50,0	213,0
K- 07 40 52 88	4 x 1/2 female	2 x 1	50,0	213,0
K- 07 40 52 89	4 x 1/2 male	2 x 1 1/4	60,0	257,0
K- 07 40 52 90	4 x 1/2 female	2 x 1 1/4	60,0	257,0

**Web:** <http://cat.hansa-flex.com/en/KVTST4ABMS>

**K-EINSCHRAUBVERTEILER****Male L-distributors**

**Operating pressure:** Max. 10 bar

**Material:** Brass



**Note:** Further information on request

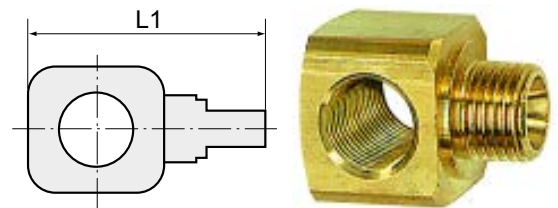
Identification	Thread	L1 mm	AF
K- 07 40 14 63	M 5	13,0	9 mm
K- 07 40 14 64	G 1/8	23,0	17 mm
K- 07 40 14 65	G 1/4	29,0	22 mm
K- 07 40 14 66	G 3/8	32,0	27 mm

**Web:** <http://cat.hansa-flex.com/en/KEINSCHRAUBVERTEILER>

**K-T EINSCHRAUBVERTEILER****Male tee distributors**

**Operating pressure:** Max. 10 bar

**Material:** Brass



**Note:** Further information on request

Identification	Thread	L1 mm	AF
K- 07 40 35 98	M 5	14,0	10 mm



**K-T EINSCHRAUBVERTEILER**

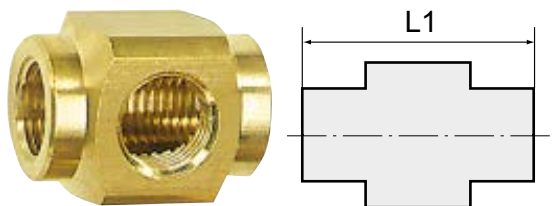
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**Male tee distributors**

Identification	Thread	L1 mm	AF
K-07 40 35 99	G 1/8	23,0	17 mm
K-07 40 36 00	G 1/4	29,0	22 mm
K-07 40 36 01	G 3/8	32,0	27 mm

Web: <http://cat.hansa-flex.com/en/KTEINSCHRAUBVERTEILER>**K-T VERTEILER MS ALU****Tee distributors**

Operating pressure: Max. 10 bar

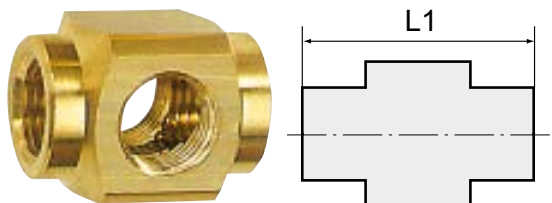


Note: Further information on request

Identification	Thread	L1 mm	AF	Material
K-07 40 38 68	M 5	14,0	8 mm	Brass
K-07 40 38 69	G 1/8	23,0	16 mm	Brass
K-07 40 38 70	G 1/4	30,0	22 mm	Brass
K-07 40 38 71	G 3/8	40,0	25 mm	Aluminium
K-07 40 38 72	G 1/2	50,0	30 mm	Aluminium

Web: <http://cat.hansa-flex.com/en/KTVERTEILERSALU>**K-K VERTEILER MS ALU****X-distributors**

Operating pressure: Max. 10 bar



Note: Further information on request

Identification	Thread	L1 mm	AF	Material
K-07 40 14 46	M 5	14,0	8 mm	Brass
K-07 40 14 47	G 1/8	23,0	16 mm	Brass
K-07 40 14 48	G 1/4	30,0	22 mm	Brass



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## K-K VERTEILER MS ALU

## X-distributors

Identification	Thread	L1 mm	AF	Material
K- 07 40 14 49	G 3/8	40,0	25 mm	Aluminium
K- 07 40 14 50	G 1/2	50,0	30 mm	Aluminium



Web: <http://cat.hansa-flex.com/en/KKVERTEILERSALU>

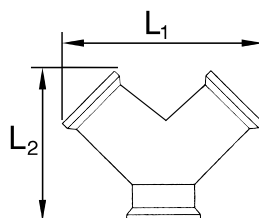
3

## K-VT 2-FACH MS NI

## Distributors, 2 outlets, nickel-plated brass

Operating pressure: Max. 10 bar

Material: Nickel-plated brass



Note: Further information on request

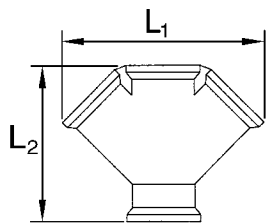
Identification	Thread	Outlets	L1 mm	L2 mm
K- 07 40 40 14	G 1/8 male	2 x female	29,0	32,0
K- 07 40 40 15	G 1/4 male	2 x female	36,0	38,0
K- 07 40 45 63	G 3/8 male	2 x female	41,0	42,5
K- 07 40 45 62	G 1/2 male	2 x female	53,0	53,0
K- 07 40 45 66	G 1/8 female	2 x female	29,0	26,5
K- 07 40 40 82	G 1/4 female	2 x female	36,0	32,0
K- 07 40 40 85	G 3/8 female	2 x female	41,0	37,0
K- 07 40 40 86	G 1/2 female	2 x female	53,0	45,0



Web: <http://cat.hansa-flex.com/en/KVT2FACHMSNI>

**K-VT 2-3 FACH MS BL**

Distributors, 2 or 3 outlets, brass



Operating pressure: Max. 10 bar

Material: Brass with a bare metal surface

Note: Further information on request

Identification	Thread	Outlets	L1 mm	L2 mm
K-07 40 40 16	G 3/8 female	2 x female	53,5	50,0
K-07 40 40 17	G 1/2 female	2 x female	58,5	54,0
K-07 40 40 18	G 3/8 female	3 x female	78,5	61,0
K-07 40 40 19	G 1/2 female	3 x female	87,7	69,0

Web: <http://cat.hansa-flex.com/en/KVT23FACHMSBL>**K-W DECKEN WAND**

Wall plates (wall mountable)

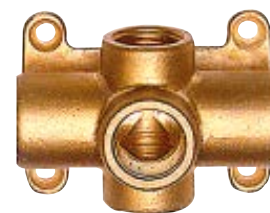


Operating pressure: Max. 10 bar

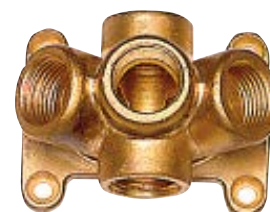
Note: Further information on request

Identification	Thread
K-07 40 11 92	2 x G 3/8 female
K-07 40 11 93	2 x G 1/2 female
K-07 40 11 94	2 x G 3/4 female

Web: <http://cat.hansa-flex.com/en/KWDECKENWAND>

**K-VT WAND****Distributors (wall mountable), 5 x G 1/2 outlets****Operating pressure:** Max. 10 bar**Note:** Further information on request

Identification	Connection variant
K- 07 40 40 20	1 outlet each on left and right. 1 outlet each on top, bottom and front
K- 07 40 40 21	1 outlet each on left and right. 3 outlets on front

**Web:** <http://cat.hansa-flex.com/en/KVTWAND>**K-ENDVERTEILERDOSEN****End porting box without through-hole thread, PN 15**

1, 2 or 3-way porting boxes made of high-strength glass fibre-reinforced plastic for a wide range of applications. Available with up to 3 couplings and 2 inlet thread sizes. Optional through-hole thread at the bottom to facilitate the passage of the medium. All porting boxes have a robust, brass threaded insert for high tightening torques, TÜV certified. Suitable for almost any pneumatic application.

**Operating pressure:** Max. 15 bar  
**torque mounting hole:** 4 Nm  
**torque brass thread:** 12 Nm  
**Temp. range:** -10 °C to +50 °C  
**Housing:** Glass fibre-reinforced plastic  
**Thread:** Brass

**Note:** Further information on request

Identification	Thread inlet	Connecting thread
K- 07 40 48 12	G 1/2	1 x G 1/2
K- 07 40 48 13	G 1/2	2 x G 1/2
K- 07 40 48 14	G 1/2	3 x G 1/2
K- 07 40 48 15	G 3/4	1 x G 1/2
K- 07 40 48 16	G 3/4	2 x G 1/2
K- 07 40 48 17	G 3/4	3 x G 1/2

**Web:** <http://cat.hansa-flex.com/en/KENDVERTEILERDOSEN>

**K-DURCHGANGSVERTEILERDOSE**

## Through porting box with through-hole thread, PN 15



1, 2 or 3-way porting boxes made of high-strength glass fibre-reinforced plastic for a wide range of applications. Available with up to 3 couplings and 2 inlet thread sizes. Optional through-hole thread at the bottom to facilitate the passage of the medium. All porting boxes have a robust, brass threaded insert for high tightening torques, TÜV certified. Suitable for almost any pneumatic application.

**Operating pressure:** Max. 15 bar  
**torque mounting hole:** 4 Nm  
**torque brass thread:** 12 Nm  
**Temp. range:** -10 °C to +50 °C  
**Housing:** Glass fibre-reinforced plastic  
**Thread:** Brass

**Note:** Further information on request

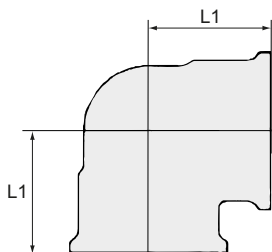
Identification	Thread inlet	Through-hole thread	Connecting thread
K- 07 40 48 04	G 1/2	G 1/2	1 x G 1/2
K- 07 40 48 05	G 1/2	G 1/2	2 x G 1/2
K- 07 40 48 06	G 1/2	G 1/2	3 x G 1/2
K- 07 40 48 07	G 3/4	G 3/4	1 x G 1/2
K- 07 40 48 08	G 3/4	G 3/4	2 x G 1/2
K- 07 40 48 09	G 3/4	G 3/4	3 x G 1/2



**Web:** <http://cat.hansa-flex.com/en/KDURCHGANGSVERTEILERDOSE>

**K-W90 STUECK IG IG**

## 90° elbows, female/female



**Operating pressure:** Max. 10 bar  
**Operating temperature:** Max. 90 °C

**Note:** Further information on request

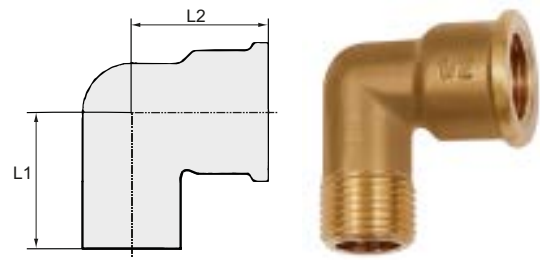
Identification	Thread	L1 mm
K- 07 40 45 45	G 1/8	17,5
K- 07 40 45 46	G 1/4	17,5
K- 07 40 45 47	G 3/8	20,0
K- 07 40 45 48	G 1/2	25,0
K- 07 40 45 49	G 3/4	30,0
K- 07 40 45 50	G 1	33,0
K- 07 40 45 51	G 1 1/4	45,0
K- 07 40 45 52	G 1 1/2	48,0
K- 07 40 45 53	G 2	60,0

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKIGIG>

**K-W90 STUECK IG AG**

90° elbows, female/male

Operating pressure: Max. 10 bar  
 Operating temperature: Max. 90 °C



**Note:** Further information on request

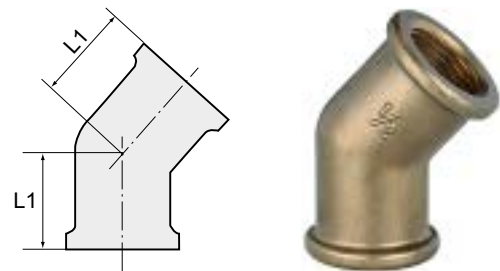
Identification	Thread	L1 mm	L2 mm
K- 07 40 45 54	G 1/4	28,0	17,5
K- 07 40 45 55	G 3/8	28,0	28,0
K- 07 40 45 56	G 1/2	35,0	35,0
K- 07 40 45 57	G 3/4	38,0	38,0
K- 07 40 45 58	G 1	42,0	42,0
K- 07 40 40 88	G 1 1/4	55,0	55,0
K- 07 40 45 60	G 1 1/2	60,0	60,0
K- 07 40 45 61	G 2	69,0	69,0

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKIGAG>

**K-W45 STUECK IG IG**

45° elbows, female/female

Operating pressure: Max. 10 bar  
 Operating temperature: Max. 90 °C



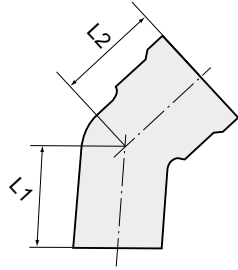
**Note:** Further information on request

Identification	Thread	L1 mm
K- 07 40 11 40	G 3/8	21,5
K- 07 40 11 41	G 1/2	25,0
K- 07 40 11 42	G 3/4	30,0
K- 07 40 11 43	G 1	33,0

**Web:** <http://cat.hansa-flex.com/en/KW45STUECKIGIG>

### K-W45 STUECK IG AG

45° elbows, female/male



Operating pressure: Max. 10 bar  
Operating temperature: Max. 90 °C

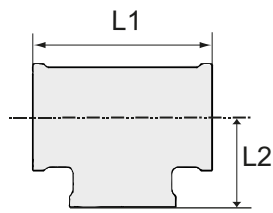
Note: Further information on request

Identification	Thread	L1 mm	L2 mm
K-07 40 11 44	G 3/8	16,0	18,5
K-07 40 11 45	G 1/2	30,5	22,5
K-07 40 11 46	G 3/4	30,5	29,5
K-07 40 11 47	G 1	37,0	29,0

Web: <http://cat.hansa-flex.com/en/KW45STUECKIGAG>

### K-T-STUECKE IG

Tees, 3 x female thread



Operating pressure: Max. 10 bar  
Operating temperature: Max. 90 °C

Note: Further information on request

Identification	Thread	L1 mm	L2 mm
K-07 40 45 68	G 1/8	35,0	17,5
K-07 40 45 69	G 1/4	35,0	17,5
K-07 40 45 70	G 3/8	43,0	21,5
K-07 40 45 71	G 1/2	50,0	25,0
K-07 40 45 72	G 3/4	60,0	30,0
K-07 40 45 73	G 1	66,0	33,0
K-07 40 45 74	G 1 1/4	90,0	45,0
K-07 40 45 75	G 1 1/2	96,0	48,0
K-07 40 45 76	G 2	120,0	60,0

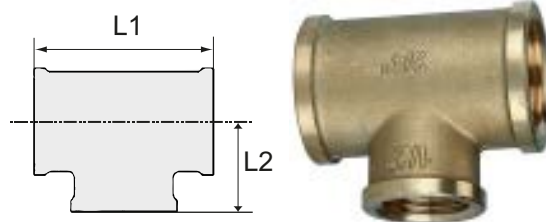
Web: <http://cat.hansa-flex.com/en/KTSTUECKEIG>



**K-T-RED STUECK 3 IG**

Unequal tees, 3 x female thread

**Operating pressure:** Max. 10 bar  
**Operating temperature:** Max. 90 °C



**Note:** Further information on request

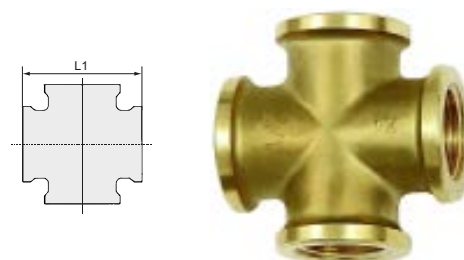
Identification	Female thread	Outlet thread	L1 mm	L2 mm
K- 07 40 11 48	2 x G 1/2	G 3/8	51,0	26,0
K- 07 40 11 49	2 x G 3/4	G 1/2	60,0	27,0
K- 07 40 11 50	2 x G 1	G 1/2	67,0	32,0
K- 07 40 11 51	2 x G 1	G 3/4	67,0	34,0

**Web:** <http://cat.hansa-flex.com/en/KTREDSTUECK3IG>

**K-K STUECK IG 1**

Crosses, 4 x female thread

**Operating pressure:** Max. 10 bar  
**Operating temperature:** Max. 90 °C



**Note:** Further information on request

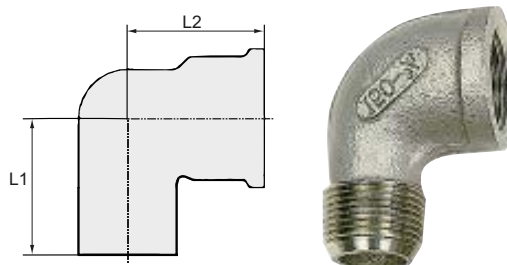
Identification	Thread	L1 mm
K- 07 40 45 77	G 3/8	43,0
K- 07 40 45 78	G 1/2	50,0
K- 07 40 45 79	G 3/4	60,0

**Web:** <http://cat.hansa-flex.com/en/KKSTUECKIG1>

**K-W90 STUECK IG AG RP-GEW**

90° elbows, female-male, female thread: Rp thread acc. to ISO 7-1, male thread: R thread acc. to ISO 7-1

**Operating pressure:** Max. 20 bar  
**Operating temperature:** Max. 175 °C  
**Male thread:** R-thread acc. ISO 7-1  
**Female thread:** Rp-thread acc. ISO 7-1  
**Material:** Stainless steel 1.4401 / 1.4408



**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K- 07 40 10 33	Rp 1/8 female, R 1/8 male	24,0	17,0
K- 07 40 10 34	Rp 1/4 female, R 1/4 male	28,0	20,0
K- 07 40 10 35	Rp 3/8 female, R 3/8 male	32,0	22,0
K- 07 40 10 36	Rp 1/2 female, R 1/2 male	38,0	27,0

**K-W90 STUECK IG AG RP-GEW**

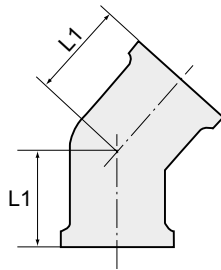
(Continued)

90° elbows, female-male, female thread: Rp thread acc. to ISO 7-1, male thread: R thread acc. to ISO 7-1

Identification	Thread	L1 mm	L2 mm
K-07 40 10 37	Rp 3/4 female, R 3/4 male	45,0	32,0
K-07 40 10 38	Rp 1 female, R 1 male	52,0	37,0

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKIGAGRPGEW>**K-W45 STUECK IG IG RP-GEW**

45° elbows, female-female, Rp thread acc. to ISO 7-1



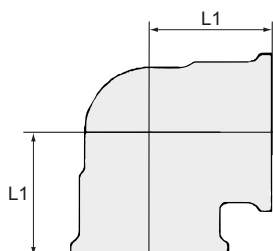
**Operating pressure:** Max. 20 bar  
**Operating temperature:** Max. 175 °C  
**Female thread:** Rp-thread acc. ISO 7-1  
**Material:** Stainless steel 1.4401 / 1.4408

**Note:** Further information on request

Identification	Thread	L1 mm
K-07 40 10 42	Rp 1/8	15,6
K-07 40 10 43	Rp 1/4	15,9
K-07 40 10 44	Rp 3/8	17,6
K-07 40 10 45	Rp 1/2	19,2
K-07 40 10 46	Rp 3/4	22,8
K-07 40 10 47	Rp 1	26,7

**Web:** <http://cat.hansa-flex.com/en/KW45STUECKIGIGRPGEW>**K-W90 STUECK IG IG RP-GEW**

90° elbows, female-female, Rp thread acc. to ISO 7-1



**Operating pressure:** Max. 20 bar  
**Operating temperature:** Max. 175 °C  
**Female thread:** Rp-thread acc. ISO 7-1  
**Material:** Stainless steel 1.4401 / 1.4408

**Note:** Further information on request

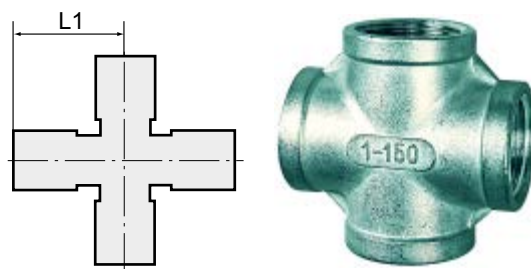
Identification	Thread	L1 mm
K-07 40 10 30	Rp 1/8	16,4
K-07 40 10 31	Rp 1/4	19,2
K-07 40 10 32	Rp 3/8	22,5
K-07 40 10 39	Rp 1/2	27,4
K-07 40 10 40	Rp 3/4	31,1
K-07 40 10 41	Rp 1	36,9

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKIGIGRPGEW>

**K-K VERTEILER**

X-distributors, 4 x female, Rp thread acc. to ISO 7-1

**Operating pressure:** Max. 20 bar  
**Operating temperature:** Max. 175 °C  
**Female thread:** Rp-thread acc. ISO 7-1  
**Material:** Stainless steel 1.4401 / 1.4408



**Note:** Further information on request

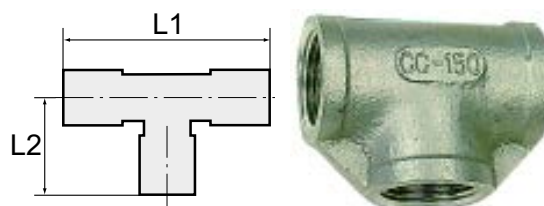
Identification	Thread	L1 mm
K- 07 40 10 48	Rp 1/8	19,0
K- 07 40 10 49	Rp 1/4	19,0
K- 07 40 10 50	Rp 3/8	23,0
K- 07 40 10 51	Rp 1/2	27,0
K- 07 40 10 52	Rp 3/4	32,0
K- 07 40 10 53	Rp 1	38,0

**Web:** <http://cat.hansa-flex.com/en/KKVERTEILER>

**K-T VERTEILER 3 IG**

Tee distributors, 3 x female, Rp thread acc. to ISO 7-1

**Operating pressure:** Max. 20 bar  
**Operating temperature:** Max. 175 °C  
**Female thread:** Rp-thread acc. ISO 7-1  
**Material:** Stainless steel 1.4401 / 1.4408



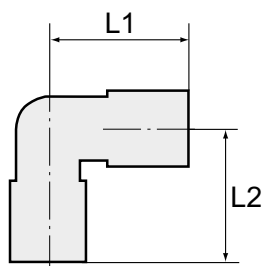
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K- 07 40 10 54	Rp 1/8	34,0	17,0
K- 07 40 10 55	Rp 1/4	38,0	19,0
K- 07 40 10 56	Rp 3/8	46,1	22,0
K- 07 40 10 57	Rp 1/2	54,0	27,0
K- 07 40 10 58	Rp 3/4	63,0	32,0
K- 07 40 10 59	Rp 1	73,0	36,0

**Web:** <http://cat.hansa-flex.com/en/KTVERTEILER3IG>

**K-W90 STUECK AG AG 2 2**

Elbows, male-male



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Material:** Brass with a bare metal surface

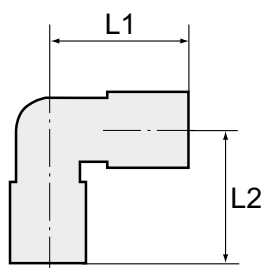
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 22	R 1/8	18,5	18,5	10 mm
K-07 40 11 23	R 1/4	23,5	23,5	13 mm
K-07 40 11 24	R 3/8	26,0	26,0	17 mm
K-07 40 11 25	R 1/2	31,0	31,0	21 mm
K-07 40 11 26	R 3/4	33,0	33,0	25 mm
K-07 40 11 27	R 1	39,0	39,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKAGAG22>

**K-W90 STUECK IG IG 2**

Elbows, female-female



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Brass with a bare metal surface

**Note:** Further information on request

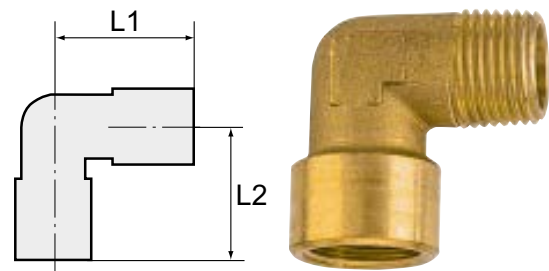
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 28	G 1/8	21,0	21,0	10 mm
K-07 40 11 29	G 1/4	25,5	25,5	13 mm
K-07 40 11 30	G 3/8	28,0	28,0	17 mm
K-07 40 11 31	G 1/2	33,5	33,5	21 mm
K-07 40 11 38	G 3/4	36,5	36,5	25 mm
K-07 40 11 39	G 1	45,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKIGIG2>

**K-W90 STUECK AG IG 2 2**

Elbows, male-female

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Brass with a bare metal surface



**Note:** Further information on request

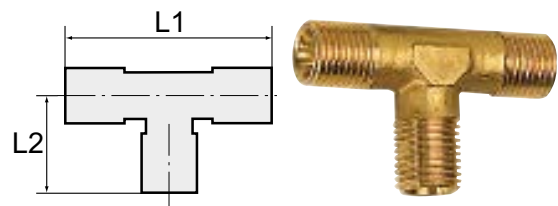
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 32	G/R 1/8	18,5	21,0	10 mm
K-07 40 11 33	G/R 1/4	23,5	25,5	13 mm
K-07 40 11 34	G/R 3/8	26,0	28,0	17 mm
K-07 40 11 35	G/R 1/2	31,0	33,5	21 mm
K-07 40 11 36	G/R 3/4	33,0	36,5	25 mm
K-07 40 11 37	G/R 1	39,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKAGIG22>

**K-T-STUECKE AG 1**

Tees, male-male-male

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Material:** Brass with a bare metal surface



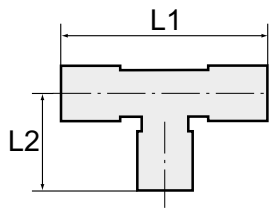
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 52	R 1/8	37,0	18,5	10 mm
K-07 40 11 53	R 1/4	47,0	23,5	13 mm
K-07 40 11 54	R 3/8	52,0	26,0	17 mm
K-07 40 11 55	R 1/2	62,0	31,0	21 mm
K-07 40 11 56	R 3/4	66,4	33,0	25 mm
K-07 40 11 57	R 1	78,0	39,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEAG1>

**K-T-STUECKE IG 1**

Tees, female-female-female



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Brass with a bare metal surface

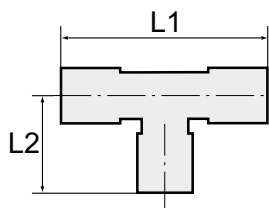
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 58	G 1/8	42,0	21,0	10 mm
K-07 40 11 59	G 1/4	51,0	25,5	13 mm
K-07 40 11 60	G 3/8	56,0	28,0	17 mm
K-07 40 11 61	G 1/2	67,0	33,5	21 mm
K-07 40 11 68	G 3/4	73,0	36,5	25 mm
K-07 40 11 69	G 1	90,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIG1>

**K-T-STUECKE IG AG IG 2 2**

Tees, female-male-female



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Brass with a bare metal surface

**Note:** Further information on request

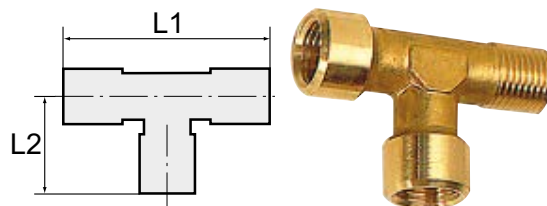
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 62	G/R 1/8	42,0	18,5	10 mm
K-07 40 11 63	G/R 1/4	51,0	23,5	13 mm
K-07 40 11 64	G/R 3/8	56,0	26,0	17 mm
K-07 40 11 65	G/R 1/2	67,0	31,0	21 mm
K-07 40 11 66	G/R 3/4	73,0	33,0	25 mm
K-07 40 11 67	G/R 1	90,0	39,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIGAGIG22>

**K-T-STUECKE IG IG AG 2 2**

Tees, female-female-male

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Brass with a bare metal surface



**Note:** Further information on request

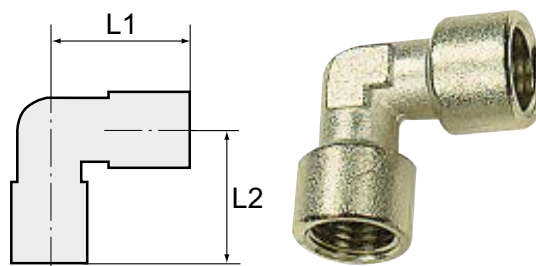
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 11 70	G/R 1/8	39,5	21,0	10 mm
K-07 40 11 71	G/R 1/4	49,0	23,5	13 mm
K-07 40 11 72	G/R 3/8	54,0	28,0	17 mm
K-07 40 11 73	G/R 1/2	64,5	33,5	21 mm
K-07 40 11 74	G/R 3/4	69,5	36,5	25 mm
K-07 40 11 75	G/R 1	84,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIGIGAG22>

**K-W90 STUECK IG IG MS NI**

90° elbows, female/female

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass



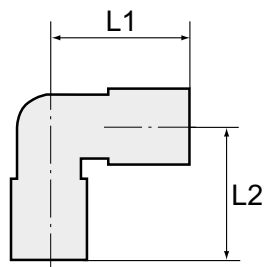
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 48 90	M 5	11,0	11,0	9 mm
K-07 40 10 86	G 1/8	21,0	21,0	10 mm
K-07 40 10 87	G 1/4	25,5	25,5	13 mm
K-07 40 10 88	G 3/8	28,0	28,0	17 mm
K-07 40 10 89	G 1/2	33,5	33,5	21 mm
K-07 40 10 96	G 3/4	36,5	36,5	25 mm
K-07 40 10 97	G 1	45,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKIGIGMSNI>

**K-W90 STUECK AG IG 2**

Elbows, male-female



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass

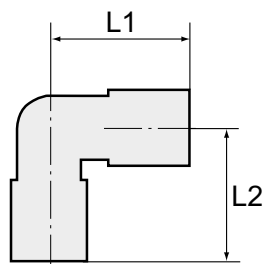
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 48 91	M 5	11,5	11,0	9 mm
K-07 40 10 90	G/R 1/8	18,5	21,0	10 mm
K-07 40 10 91	G/R 1/4	23,5	25,5	13 mm
K-07 40 10 92	G/R 3/8	26,0	28,0	17 mm
K-07 40 10 93	G/R 1/2	31,0	33,5	21 mm
K-07 40 10 94	G/R 3/4	33,0	36,5	25 mm
K-07 40 10 95	G/R 1	39,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KW90STUECKAGIG2>

**K-W90 STUECK AG AG 2**

Elbows, male-male



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Material:** Nickel-plated brass

**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 48 89	M 5	11,0	11,0	9 mm
K-07 40 10 80	R 1/8	18,5	18,5	10 mm
K-07 40 10 81	R 1/4	23,5	23,5	13 mm
K-07 40 10 82	R 3/8	26,0	26,0	17 mm
K-07 40 10 83	R 1/2	31,0	31,0	21 mm
K-07 40 10 84	R 3/4	33,0	33,0	25 mm
K-07 40 10 85	R 1	39,0	39,0	30 mm

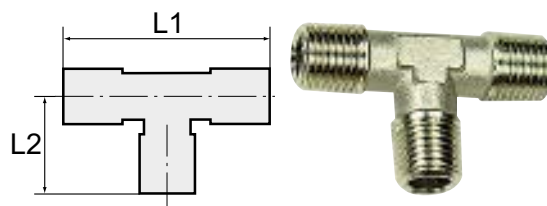
**Web:** <http://cat.hansa-flex.com/en/KW90STUECKAGAG2>



**K-T-STUECKE AG 1 2**

Tees, male-male-male

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Material:** Nickel-plated brass



**Note:** Further information on request

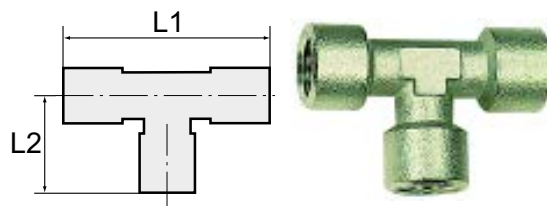
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 10 98	R 1/8	37,0	18,5	10 mm
K-07 40 10 99	R 1/4	47,0	23,5	13 mm
K-07 40 11 00	R 3/8	52,0	26,0	17 mm
K-07 40 11 01	R 1/2	62,0	31,0	21 mm
K-07 40 11 02	R 3/4	66,4	33,0	25 mm
K-07 40 11 03	R 1	78,0	39,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEAG12>

**K-T-STUECKE IG 1 2**

Tees, female-female-female

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass



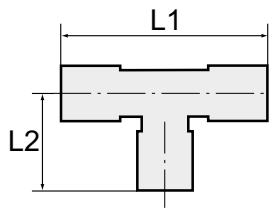
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 48 92	M 5	22,0	11,0	9 mm
K-07 40 11 04	G 1/8	42,0	21,0	10 mm
K-07 40 11 05	G 1/4	51,0	25,5	13 mm
K-07 40 11 06	G 3/8	56,0	28,0	17 mm
K-07 40 11 07	G 1/2	67,0	33,5	21 mm
K-07 40 11 14	G 3/4	73,0	36,5	25 mm
K-07 40 11 15	G 1	90,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIG12>

**K-T-STUECKE IG AG IG 2**

Tees, female-male-female



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass

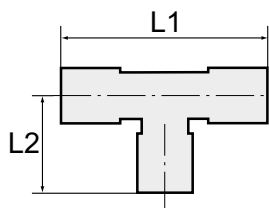
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 48 93	M 5	22,0	11,5	9 mm
K-07 40 11 08	G/R 1/8	42,0	18,5	10 mm
K-07 40 11 09	G/R 1/4	51,0	23,5	13 mm
K-07 40 11 10	G/R 3/8	56,0	26,0	17 mm
K-07 40 11 11	G/R 1/2	67,0	31,0	21 mm
K-07 40 11 12	G/R 3/4	73,0	33,0	25 mm
K-07 40 11 13	G/R 1	90,0	39,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIGAGIG2>

**K-T-STUECKE IG IG AG 2**

Tees, female-female-male



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass

**Note:** Further information on request

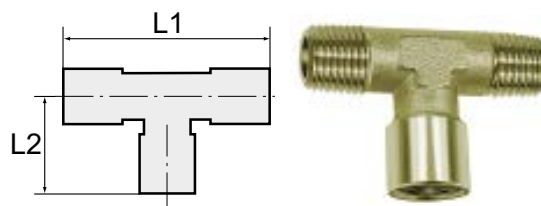
Identification	Thread	L1 mm	L2 mm	AF
K-07 40 48 94	M 5	22,5	11,0	9 mm
K-07 40 11 16	G/R 1/8	39,5	21,0	10 mm
K-07 40 11 17	G/R 1/4	49,0	23,5	13 mm
K-07 40 11 18	G/R 3/8	54,0	28,0	17 mm
K-07 40 11 19	G/R 1/2	64,5	33,5	21 mm
K-07 40 11 20	G/R 3/4	69,5	36,5	25 mm
K-07 40 11 21	G/R 1	84,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIGIGAG2>

**K-T-STUECKE AG IG AG**

Tees, male-female-male

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass



**Note:** Further information on request

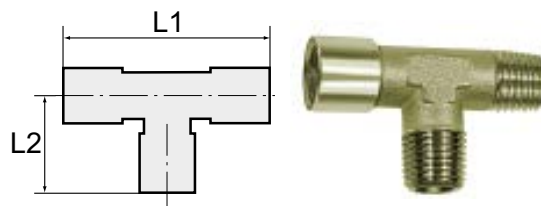
Identification	Thread	L1 mm	L2 mm	AF
K- 07 40 48 95	G/R 1/8	37,0	21,0	10 mm
K- 07 40 48 96	G/R 1/4	47,0	25,5	13 mm
K- 07 40 48 97	G/R 3/8	52,0	28,0	17 mm
K- 07 40 48 98	G/R 1/2	62,0	33,5	21 mm
K- 07 40 48 99	G/R 3/4	66,5	36,5	25 mm
K- 07 40 49 00	G/R 1	78,0	45,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEAGIGAG>

**K-T-STUECKE AG AG IG**

Tees, male-male-female

**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass



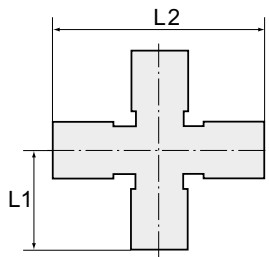
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K- 07 40 49 01	G/R 1/8	39,5	18,5	10 mm
K- 07 40 49 02	G/R 1/4	49,0	23,5	13 mm
K- 07 40 49 03	G/R 3/8	54,0	26,0	17 mm
K- 07 40 49 04	G/R 1/2	64,5	31,0	21 mm
K- 07 40 49 05	G/R 3/4	69,5	33,0	25 mm
K- 07 40 49 06	G/R 1	84,0	39,0	30 mm

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEAGAGIG>

**K-K STUECK IG**

Crosses, 4 x female



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass

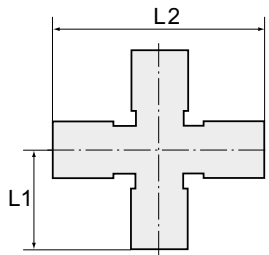
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 49 07	G 1/8	21,0	42,0	10 mm
K-07 40 49 08	G 1/4	25,5	51,0	13 mm
K-07 40 49 09	G 3/8	28,0	56,0	17 mm
K-07 40 49 10	G 1/2	33,5	67,0	21 mm

**Web:** <http://cat.hansa-flex.com/en/KKSTUECKIG>

**K-K STUECK IG AG**

Crosses, 3 x female, 1 x male



**Operating pressure:** 60 bar  
**Operating temperature:** Max. 150 °C  
**Male thread:** conical acc. DIN 2999  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Nickel-plated brass

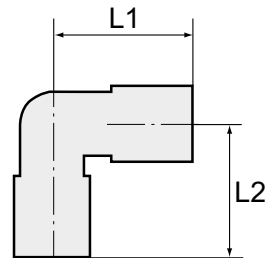
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm	AF
K-07 40 49 11	G/R 1/8	18,5	42,0	10 mm
K-07 40 49 12	G/R 1/4	23,5	51,0	13 mm
K-07 40 49 13	G/R 3/8	26,0	56,0	17 mm
K-07 40 49 14	G/R 1/2	31,0	67,0	21 mm

**Web:** <http://cat.hansa-flex.com/en/KKSTUECKIGAG>

**K-W90 STUECK AG AG VA**

Elbows, male/male, stainless steel



**Operating temperature:** -20 °C to +150 °C  
**Pressure range:** Max. 150 bar  
**Male thread:** conical acc. ISO 7-1  
**Material:** Stainless steel 1.4404

**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K-07 40 10 60	R 1/8	17,0	17,0
K-07 40 10 61	R 1/4	21,0	21,0



(Continued)

**K-W90 STUECK AG AG VA**

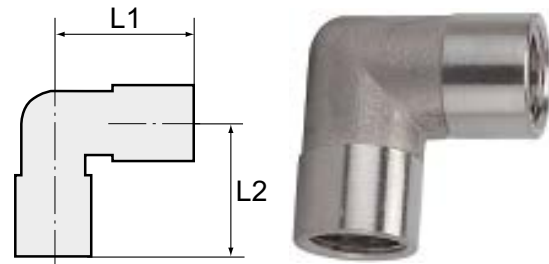
Elbows, male/male, stainless steel

Identification	Thread	L1 mm	L2 mm
K- 07 40 10 62	R 3/8	24,0	24,0
K- 07 40 10 63	R 1/2	30,0	30,0

Web: <http://cat.hansa-flex.com/en/KW90STUECKAGAGVA>**K-W90 STUECK IG IG VA**

Elbows, female/female, stainless steel

**Operating temperature:** -20 °C to +150 °C  
**Pressure range:** Max. 150 bar  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Stainless steel 1.4404

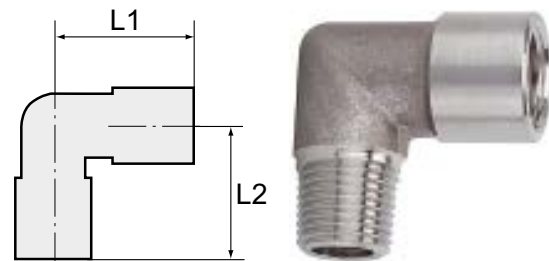
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K- 07 40 10 64	G 1/8	19,0	19,0
K- 07 40 10 65	G 1/4	23,0	23,0
K- 07 40 10 66	G 3/8	25,5	25,5
K- 07 40 10 67	G 1/2	32,0	32,0

Web: <http://cat.hansa-flex.com/en/KW90STUECKIGIGVA>**K-W90 STUECK AG IG VA**

Elbows, male/female, stainless steel

**Operating temperature:** -20 °C to +150 °C  
**Pressure range:** Max. 150 bar  
**Male thread:** conical acc. ISO 7-1  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Stainless steel 1.4404

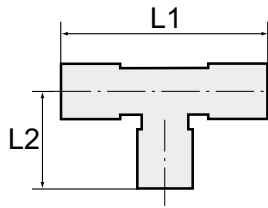
**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K- 07 40 10 68	G/R 1/8	19,0	18,0
K- 07 40 10 69	G/R 1/4	23,0	25,0
K- 07 40 10 70	G/R 3/8	25,5	24,0
K- 07 40 10 71	G/R 1/2	32,0	30,0

Web: <http://cat.hansa-flex.com/en/KW90STUECKAGIGVA>

**K-T-STUECKE IG VA**

Tees, female/female/female, stainless steel



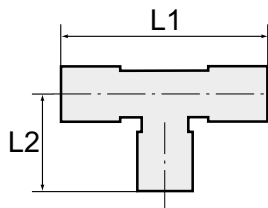
**Operating temperature:** -20 °C to +150 °C  
**Pressure range:** Max. 150 bar  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Stainless steel 1.4404

**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K-07 40 10 72	G 1/8	38,0	19,0
K-07 40 10 73	G 1/4	46,0	23,0
K-07 40 10 74	G 3/8	51,0	25,5
K-07 40 10 75	G 1/2	64,0	32,0

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIGVA>**K-T-STUECKE IG AG IG VA**

Tees, female/male/female, stainless steel



**Operating temperature:** -20 °C to +150 °C  
**Pressure range:** Max. 150 bar  
**Male thread:** conical acc. ISO 7-1  
**Female thread:** Parallel to DIN EN ISO 228-1  
**Material:** Stainless steel 1.4404

**Note:** Further information on request

Identification	Thread	L1 mm	L2 mm
K-07 40 10 76	G/R 1/8	38,0	18,0
K-07 40 10 77	G/R 1/4	46,0	25,5
K-07 40 10 78	G/R 3/8	51,0	24,0
K-07 40 10 79	G/R 1/2	64,0	30,0

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKEIGAGIGVA>**K-BOEGEN L IG AG 90°**

Long sweep bends 1, 90°, female/male



Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K-07 40 36 14	Rp/R 1/4
K-07 40 36 17	Rp/R 3/8
K-07 40 36 13	Rp/R 1/2
K-07 40 36 16	Rp/R 3/4
K-07 40 36 10	Rp/R 1



(Continued)

K-BOEGEN L IG AG 90°

Long sweep bends 1, 90°, female/male

Identification	Thread
K- 07 40 36 12	Rp/R 1 1/4
K- 07 40 36 11	Rp/R 1 1/2
K- 07 40 36 15	Rp/R 2
K- 07 40 51 16	Rp/R 2 1/2
K- 07 40 51 17	Rp/R 3

Web: <http://cat.hansa-flex.com/en/KBOEGENLIGAG90>

K-BOEGEN K IG AG 90°

Short bends 1a, 90°, female/male

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

Note: Further information on request



Identification	Thread
K- 07 40 36 22	Rp/R 1/4
K- 07 40 36 25	Rp/R 3/8
K- 07 40 36 21	Rp/R 1/2
K- 07 40 36 24	Rp/R 3/4
K- 07 40 36 18	Rp/R 1
K- 07 40 36 20	Rp/R 1 1/4
K- 07 40 36 19	Rp/R 1 1/2
K- 07 40 36 23	Rp/R 2
K- 07 40 51 18	Rp/R 2 1/2

Web: <http://cat.hansa-flex.com/en/KBOEGENKIGAG90>

K-BOEGEN L IG IG 90°

Long sweep bends 2, 90°, female/female

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW



Identification	Thread
K- 07 40 36 30	Rp 1/4
K- 07 40 36 33	Rp 3/8
K- 07 40 36 29	Rp 1/2
K- 07 40 36 32	Rp 3/4
K- 07 40 36 26	Rp 1
K- 07 40 36 28	Rp 1 1/4
K- 07 40 36 27	Rp 1 1/2
K- 07 40 36 31	Rp 2
K- 07 40 51 19	Rp 2 1/2
K- 07 40 51 20	Rp 3

Web: <http://cat.hansa-flex.com/en/KBOEGENLIGIG90>

**K-BOEGEN K IG IG 90°**

## Short bends 2a, 90°, female/female



Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 36 38	Rp 1/4
K- 07 40 36 41	Rp 3/8
K- 07 40 36 37	Rp 1/2
K- 07 40 36 40	Rp 3/4
K- 07 40 36 34	Rp 1
K- 07 40 36 36	Rp 1 1/4
K- 07 40 36 35	Rp 1 1/2
K- 07 40 36 39	Rp 2

**Web:** <http://cat.hansa-flex.com/en/KBOEGENKIGIG90>

**K-BOEGEN L AG AG 90°**

## Long sweep bends 3, 90°, male/male



Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 51 27	R 3/8
K- 07 40 51 24	R 1/2
K- 07 40 51 26	R 3/4
K- 07 40 51 21	R 1
K- 07 40 51 23	R 1 1/4
K- 07 40 51 22	R 1 1/2
K- 07 40 51 25	R 2

**Web:** <http://cat.hansa-flex.com/en/KBOEGENLAGAG90>



**K-BOGEN IG AG 45°**

Bends 40, 45°, female/male

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K- 07 40 36 46	Rp/R 1/4
K- 07 40 36 49	Rp/R 3/8
K- 07 40 36 45	Rp/R 1/2
K- 07 40 36 48	Rp/R 3/4
K- 07 40 36 42	Rp/R 1
K- 07 40 36 44	Rp/R 1 1/4
K- 07 40 36 43	Rp/R 1 1/2
K- 07 40 36 47	Rp/R 2
K- 07 40 51 28	Rp/R 2 1/2
K- 07 40 51 29	Rp/R 3

**Web:** <http://cat.hansa-flex.com/en/KBOGENIGAG45>

**K-BOGEN IG IG 45°**

Bends 41, 45°, female/female

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K- 07 40 36 56	Rp 3/8
K- 07 40 36 53	Rp 1/2
K- 07 40 36 55	Rp 3/4
K- 07 40 36 50	Rp 1
K- 07 40 36 52	Rp 1 1/4
K- 07 40 36 51	Rp 1 1/2
K- 07 40 36 54	Rp 2
K- 07 40 51 30	Rp 2 1/2
K- 07 40 51 31	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KBOGENIGIG45>

**K-W90 9 IG IG****Elbows 90, 90°, female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanized  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 38 49	Rp 1/4
K- 07 40 38 52	Rp 3/8
K- 07 40 38 48	Rp 1/2
K- 07 40 38 51	Rp 3/4
K- 07 40 38 45	Rp 1
K- 07 40 38 47	Rp 1 1/4
K- 07 40 38 46	Rp 1 1/2
K- 07 40 38 50	Rp 2
K- 07 40 52 70	Rp 2 1/2
K- 07 40 52 71	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KW909IGIG>

**K-W90 92 IG AG****Elbows 92, 90°, female/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanized  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 38 57	Rp/R 1/4
K- 07 40 38 60	Rp/R 3/8
K- 07 40 38 56	Rp/R 1/2
K- 07 40 38 59	Rp/R 3/4
K- 07 40 38 53	Rp/R 1
K- 07 40 38 55	Rp/R 1 1/4
K- 07 40 38 54	Rp/R 1 1/2
K- 07 40 38 58	Rp/R 2
K- 07 40 52 72	Rp/R 2 1/2
K- 07 40 52 73	Rp/R 3

**Web:** <http://cat.hansa-flex.com/en/KW9092IGAG>

**K-W90 94 AG AG****Elbows 94, 90°, male/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW  
**Note:** Further information on request



Identification	Thread
K- 07 40 38 67	R 3/8
K- 07 40 38 64	R 1/2
K- 07 40 38 66	R 3/4
K- 07 40 38 61	R 1
K- 07 40 38 63	R 1 1/4
K- 07 40 38 62	R 1 1/2
K- 07 40 38 65	R 2

**Web:** <http://cat.hansa-flex.com/en/KW9094AGAG>

**K-V90-RBO 95****Union elbow 95, flat seat, female/female, without seal**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW  
**Note:** Further information on request



Identification	Thread
K- 07 40 52 44	Rp 1/2
K- 07 40 52 46	Rp 3/4
K- 07 40 52 41	Rp 1
K- 07 40 52 43	Rp 1 1/4
K- 07 40 52 42	Rp 1 1/2
K- 07 40 52 45	Rp 2

**Web:** <http://cat.hansa-flex.com/en/KV90RBO95>

**K-V90-RBO 96****Union elbow 96, taper seat, female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 52 50	Rp 1/2
K- 07 40 52 53	Rp 3/4
K- 07 40 52 47	Rp 1
K- 07 40 52 49	Rp 1 1/4
K- 07 40 52 48	Rp 1 1/2
K- 07 40 52 51	Rp 2
K- 07 40 52 52	Rp 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KV90RBO96>

**K-V90-RBO 97****Union elbow 97, flat seat, female/male, without seal**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread 1	Thread 2
K- 07 40 52 57	Rp 1/2	R 1/2
K- 07 40 52 59	Rp 3/4	R 3/4
K- 07 40 52 54	Rp 1	R 1
K- 07 40 52 56	Rp 1 1/4	R 1 1/4
K- 07 40 52 55	Rp 1 1/2	R 1 1/2
K- 07 40 52 58	Rp 2	R 2

**Web:** <http://cat.hansa-flex.com/en/KV90RBO97>

**K-V90-RBO 98****Union elbow 98, taper seat, female/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW  
**Note:** Further information on request



Identification	Thread 1	Thread 2
K- 07 40 52 64	Rp 1/4	R 1/4
K- 07 40 52 63	Rp 1/2	R 1/2
K- 07 40 52 67	Rp 3/4	R 3/4
K- 07 40 52 60	Rp 1	R 1
K- 07 40 52 62	Rp 1 1/4	R 1 1/4
K- 07 40 52 61	Rp 1 1/2	R 1 1/2
K- 07 40 52 65	Rp 2	R 2
K- 07 40 52 66	Rp 2 1/2	R 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KV90RBO98>

**K-W45 120 IG IG****Elbows 120, 45°, female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW  
**Note:** Further information on request



Identification	Thread
K- 07 40 38 37	Rp 3/8
K- 07 40 38 34	Rp 1/2
K- 07 40 38 36	Rp 3/4
K- 07 40 38 31	Rp 1
K- 07 40 38 33	Rp 1 1/4
K- 07 40 38 32	Rp 1 1/2
K- 07 40 38 35	Rp 2
K- 07 40 52 68	Rp 2 1/2
K- 07 40 52 69	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KW45120IGIG>

**K-W45 121 IG AG****Elbows 121, 45°, female/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K-07 40 38 44	Rp/R 3/8
K-07 40 38 41	Rp/R 1/2
K-07 40 38 43	Rp/R 3/4
K-07 40 38 38	Rp/R 1
K-07 40 38 40	Rp/R 1 1/4
K-07 40 38 39	Rp/R 1 1/2
K-07 40 38 42	Rp/R 2

**Web:** <http://cat.hansa-flex.com/en/KW45121IGAG>

**K-T-STUECKE 130 IG****Tees 130, female/female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K-07 40 37 85	Rp 1/4
K-07 40 37 96	Rp 3/8
K-07 40 37 82	Rp 1/2
K-07 40 37 92	Rp 3/4
K-07 40 37 68	Rp 1
K-07 40 37 77	Rp 1 1/4
K-07 40 37 72	Rp 1 1/2
K-07 40 37 86	Rp 2
K-07 40 52 01	Rp 2 1/2
K-07 40 52 04	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKE130IG>

**K-T-STUECKE 130 RD IG****Tees 130, reducing, female/female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

**Ordering information:** Attention: the thread sizes of Article K-07403783 have changed.



Identification	Thread 1	Thread 2 T branch reduced	Thread 3	Identification	Thread 1	Thread 2 T branch reduced	Thread 3
K-07 40 37 97	Rp 3/8	Rp 1/4	Rp 3/8	K-07 40 37 75	Rp 1 1/2	Rp 3/4	Rp 1 1/2
K-07 40 37 83	Rp 1/2	Rp 1/4	Rp 1/2	K-07 40 37 73	Rp 1 1/2	Rp 1	Rp 1 1/2
K-07 40 37 84	Rp 1/2	Rp 3/8	Rp 1/2	K-07 40 37 98	Rp 1 1/2	Rp 1 1/4	Rp 1 1/2
K-07 40 37 94	Rp 3/4	Rp 1/4	Rp 3/4	K-07 40 37 90	Rp 2	Rp 1/2	Rp 2
K-07 40 37 95	Rp 3/4	Rp 3/8	Rp 3/4	K-07 40 37 91	Rp 2	Rp 3/4	Rp 2
K-07 40 37 93	Rp 3/4	Rp 1/2	Rp 3/4	K-07 40 37 87	Rp 2	Rp 1	Rp 2
K-07 40 37 71	Rp 1	Rp 3/8	Rp 1	K-07 40 37 89	Rp 2	Rp 1 1/4	Rp 2
K-07 40 37 69	Rp 1	Rp 1/2	Rp 1	K-07 40 37 88	Rp 2	Rp 1 1/2	Rp 2
K-07 40 37 70	Rp 1	Rp 3/4	Rp 1	K-07 40 52 02	Rp 2 1/2	Rp 1	Rp 2 1/2
K-07 40 37 81	Rp 1 1/4	Rp 3/8	Rp 1 1/4	K-07 40 52 19	Rp 2 1/2	Rp 1 1/4	Rp 2 1/2
K-07 40 37 79	Rp 1 1/4	Rp 1/2	Rp 1 1/4	K-07 40 52 03	Rp 2 1/2	Rp 2	Rp 2 1/2
K-07 40 37 80	Rp 1 1/4	Rp 3/4	Rp 1 1/4	K-07 40 52 18	Rp 2 1/2	Rp 1 1/2	Rp 2 1/2
K-07 40 37 78	Rp 1 1/4	Rp 1	Rp 1 1/4	K-07 40 52 05	Rp 3	Rp 2	Rp 3
K-07 40 37 76	Rp 1 1/2	Rp 3/8	Rp 1 1/2	K-07 40 52 06	Rp 3	Rp 2 1/2	Rp 3
K-07 40 37 74	Rp 1 1/2	Rp 1/2	Rp 1 1/2				

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKE130RDIG>

**K-T-STUECKE 133 IG AG IG****Tees 133, female/male/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K-07 40 52 10	Rp 3/8
K-07 40 52 09	Rp 1/2
K-07 40 52 08	Rp 1

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKE133IGAGIG>

**K-T-STUECKE 134 IG IG AG****Tees 134, female/female/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanized  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread 1	Thread 2	Thread 3
K- 07 40 52 14	Rp 1/2	R 1/2	Rp 1/2
K- 07 40 52 16	Rp 3/4	R 3/4	Rp 3/4
K- 07 40 52 11	Rp 1	R 1	Rp 1
K- 07 40 52 13	Rp 1 1/4	R 1 1/4	Rp 1 1/4
K- 07 40 52 12	Rp 1 1/2	R 1 1/2	Rp 1 1/2
K- 07 40 52 15	Rp 2	R 2	Rp 2

**Web:** <http://cat.hansa-flex.com/en/KTSTUECKE134IGIGAG>

**K-K STUECK 180 IG****Crosses 180, 4 x female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanized  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 36 82	Rp 1/4
K- 07 40 36 85	Rp 3/8
K- 07 40 36 81	Rp 1/2
K- 07 40 36 84	Rp 3/4
K- 07 40 36 78	Rp 1
K- 07 40 36 80	Rp 1 1/4
K- 07 40 36 79	Rp 1 1/2
K- 07 40 36 83	Rp 2
K- 07 40 51 57	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KKSTUECK180IG>



**K-Y-STUECK 220 IG IG IG****Y-piece 220, female/female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW  
**Note:** Further information on request



Identification	Thread
K- 07 40 52 82	Rp 1/2
K- 07 40 52 83	Rp 3/4
K- 07 40 40 87	Rp 1

**Web:** <http://cat.hansa-flex.com/en/KYSTUECK220IGIGIG>

**K-WINKELVERTEILER 221 IG IG IG****Elbow connector 221, female/female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW  
**Note:** Further information on request



Identification	Thread
K- 07 40 51 45	Rp 1/2
K- 07 40 51 47	Rp 3/4
K- 07 40 51 43	Rp 1
K- 07 40 51 44	Rp 1 1/2
K- 07 40 51 46	Rp 2

**Web:** <http://cat.hansa-flex.com/en/KWINKELVERTEILER221IGIGIG>

**K-MUFFEN 240 RD IG IG****Sockets 240, reducing, female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

**Ordering information:** Attention: the thread sizes of Article K-07403704 have changed.

Identification	Thread 1	Thread 2	Identification	Thread 1	Thread 2
K-07 40 37 14	Rp 3/8	Rp 1/4	K-07 40 36 98	Rp 1 1/2	Rp 1/2
K-07 40 37 04	Rp 1/2	Rp 1/4	K-07 40 36 99	Rp 1 1/2	Rp 3/4
K-07 40 37 05	Rp 1/2	Rp 3/8	K-07 40 36 97	Rp 1 1/2	Rp 1
K-07 40 37 12	Rp 3/4	Rp 1/4	K-07 40 37 35	Rp 1 1/2	Rp 1 1/4
K-07 40 37 13	Rp 3/4	Rp 3/8	K-07 40 37 09	Rp 2	Rp 1/2
K-07 40 37 11	Rp 3/4	Rp 1/2	K-07 40 37 10	Rp 2	Rp 3/4
K-07 40 36 96	Rp 1	Rp 3/8	K-07 40 37 06	Rp 2	Rp 1
K-07 40 36 94	Rp 1	Rp 1/2	K-07 40 37 08	Rp 2	Rp 1 1/4
K-07 40 36 95	Rp 1	Rp 3/4	K-07 40 37 07	Rp 2	Rp 1 1/2
K-07 40 37 03	Rp 1 1/4	Rp 3/8	K-07 40 51 68	Rp 2 1/2	Rp 2
K-07 40 37 01	Rp 1 1/4	Rp 1/2	K-07 40 51 69	Rp 3	Rp 1 1/2
K-07 40 37 02	Rp 1 1/4	Rp 3/4	K-07 40 51 70	Rp 3	Rp 2
K-07 40 37 00	Rp 1 1/4	Rp 1	K-07 40 51 71	Rp 3	Rp 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KMUFFEN240RDIGIG>

**K-MUFFEN 270 IG IG****Sockets 270, female/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K-07 40 37 31	Rp 1/4
K-07 40 37 34	Rp 3/8
K-07 40 37 30	Rp 1/2
K-07 40 37 33	Rp 3/4
K-07 40 37 27	Rp 1
K-07 40 37 29	Rp 1 1/4
K-07 40 37 28	Rp 1 1/2
K-07 40 37 32	Rp 2
K-07 40 51 79	Rp 2 1/2
K-07 40 51 80	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KMUFFEN270IGIG>

**K-RD STUECKE 241 AG IG****Reducing bushes 241, male/female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread 1	Thread 2
K- 07 40 37 58	R 3/8	Rp 1/4
K- 07 40 37 48	R 1/2	Rp 1/4
K- 07 40 37 49	R 1/2	Rp 3/8
K- 07 40 37 56	R 3/4	Rp 1/4
K- 07 40 37 57	R 3/4	Rp 3/8
K- 07 40 37 55	R 3/4	Rp 1/2
K- 07 40 37 39	R 1	Rp 3/8
K- 07 40 37 37	R 1	Rp 1/2
K- 07 40 37 38	R 1	Rp 3/4
K- 07 40 37 47	R 1 1/4	Rp 3/8
K- 07 40 37 45	R 1 1/4	Rp 1/2
K- 07 40 37 46	R 1 1/4	Rp 3/4
K- 07 40 37 44	R 1 1/4	Rp 1
K- 07 40 37 43	R 1 1/2	Rp 3/8

Identification	Thread 1	Thread 2
K- 07 40 37 41	R 1 1/2	Rp 1/2
K- 07 40 37 42	R 1 1/2	Rp 3/4
K- 07 40 37 40	R 1 1/2	Rp 1
K- 07 40 37 59	R 1 1/2	Rp 1 1/4
K- 07 40 37 53	R 2	Rp 1/2
K- 07 40 37 54	R 2	Rp 3/4
K- 07 40 37 50	R 2	Rp 1
K- 07 40 37 52	R 2	Rp 1 1/4
K- 07 40 37 51	R 2	Rp 1 1/2
K- 07 40 40 94	R 2 1/2	Rp 1 1/2
K- 07 40 51 84	R 2 1/2	Rp 2
K- 07 40 51 85	R 3	Rp 1 1/2
K- 07 40 51 86	R 3	Rp 2
K- 07 40 51 87	R 3	Rp 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KRDSTUECKE241AGIG>

**K-DOPPELNIPPEL RD 245 AG AG****Hexagon nipples 245, reducing, male/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread 1	Thread 2
K- 07 40 36 68	R 3/8	R 1/4
K- 07 40 36 62	R 1/2	R 1/4
K- 07 40 36 63	R 1/2	R 3/8
K- 07 40 36 67	R 3/4	R 3/8
K- 07 40 36 66	R 3/4	R 1/2
K- 07 40 36 57	R 1	R 1/2
K- 07 40 36 58	R 1	R 3/4
K- 07 40 36 61	R 1 1/4	R 3/4
K- 07 40 36 60	R 1 1/4	R 1

Identification	Thread 1	Thread 2
K- 07 40 36 59	R 1 1/2	R 1
K- 07 40 36 77	R 1 1/2	R 1 1/4
K- 07 40 36 65	R 2	R 1 1/4
K- 07 40 36 64	R 2	R 1 1/2
K- 07 40 51 42	R 2 1/2	R 1 1/2
K- 07 40 51 35	R 2 1/2	R 2
K- 07 40 51 36	R 3	R 2
K- 07 40 51 37	R 3	R 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KDOPPELNIPPELRD245AGAG>

**K-XV AG AG****Hexagon nipples 280, male/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 36 73	R 1/4
K- 07 40 36 76	R 3/8
K- 07 40 36 72	R 1/2
K- 07 40 36 75	R 3/4
K- 07 40 36 69	R 1
K- 07 40 36 71	R 1 1/4
K- 07 40 36 70	R 1 1/2
K- 07 40 36 74	R 2
K- 07 40 51 39	R 2 1/2
K- 07 40 51 40	R 3

**Web:** <http://cat.hansa-flex.com/en/KXVAGAG>

**K-RD MUFFE 246 IG AG****Sockets 246, reducing, female/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread 1	Thread 2	Identification	Thread 1	Thread 2
K- 07 40 37 26	Rp 3/8	R 1/4	K- 07 40 37 17	Rp 1 1/2	R 1
K- 07 40 37 20	Rp 1/2	R 1/4	K- 07 40 37 36	Rp 1 1/2	R 1 1/4
K- 07 40 37 21	Rp 1/2	R 3/8	K- 07 40 37 22	Rp 2	R 1
K- 07 40 37 25	Rp 3/4	R 1/2	K- 07 40 37 24	Rp 2	R 1 1/4
K- 07 40 37 15	Rp 1	R 1/2	K- 07 40 37 23	Rp 2	R 1 1/2
K- 07 40 37 16	Rp 1	R 3/4	K- 07 40 51 76	Rp 2 1/2	R 2
K- 07 40 37 19	Rp 1 1/4	R 3/4	K- 07 40 51 77	Rp 3	R 2
K- 07 40 37 18	Rp 1 1/4	R 1	K- 07 40 51 78	Rp 3	R 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KRDMUFFE246IGAG>

**K-STOPFEN 290 AG**

## Plugs 290, male

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K- 07 40 37 64	R 1/4
K- 07 40 37 67	R 3/8
K- 07 40 37 63	R 1/2
K- 07 40 37 66	R 3/4
K- 07 40 37 60	R 1
K- 07 40 37 62	R 1 1/4
K- 07 40 37 61	R 1 1/2
K- 07 40 37 65	R 2
K- 07 40 51 89	R 2 1/2
K- 07 40 51 90	R 3

**Web:** <http://cat.hansa-flex.com/en/KSTOPFEN290AG>

**K-KAPPEN 300 IG**

## Caps 300, female

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K- 07 40 36 90	Rp 1/4
K- 07 40 36 93	Rp 3/8
K- 07 40 36 89	Rp 1/2
K- 07 40 36 92	Rp 3/4
K- 07 40 36 86	Rp 1
K- 07 40 36 88	Rp 1 1/4
K- 07 40 36 87	Rp 1 1/2
K- 07 40 36 91	Rp 2
K- 07 40 40 92	Rp 2 1/2
K- 07 40 51 58	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KKAPPEN300IG>

**K-KM 310****Hexagonal lock nut 310, female**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 51 51	Rp 1/4
K- 07 40 51 56	Rp 3/8
K- 07 40 51 50	Rp 1/2
K- 07 40 51 55	Rp 3/4
K- 07 40 51 48	Rp 1
K- 07 40 51 49	Rp 1 1/2
K- 07 40 51 52	Rp 2
K- 07 40 51 53	Rp 2 1/2
K- 07 40 51 54	Rp 3

**Web:** <http://cat.hansa-flex.com/en/KKM310>

**K-V 330 IG IG****Unions 330, flat seat, female/female, with NBR-seal (NBR with aramide fiber)**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 52 23	Rp/Rp 1/4
K- 07 40 52 28	Rp/Rp 3/8
K- 07 40 52 22	Rp/Rp 1/2
K- 07 40 52 27	Rp/Rp 3/4
K- 07 40 52 20	Rp/Rp 1
K- 07 40 52 21	Rp/Rp 1 1/4
K- 07 40 38 00	Rp/Rp 1 1/2
K- 07 40 52 24	Rp/Rp 2
K- 07 40 52 25	Rp/Rp 2 1/2
K- 07 40 52 26	Rp/Rp 3

**Web:** <http://cat.hansa-flex.com/en/KV330IGIG>

## K-V 331 IG AG

## Unions 331, flat seat, female/male, with NBR-seal (NBR with aramide fiber)

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K- 07 40 52 32	Rp/R 1/4
K- 07 40 52 36	Rp/R 3/8
K- 07 40 52 31	Rp/R 1/2
K- 07 40 52 35	Rp/R 3/4
K- 07 40 52 29	Rp/R 1
K- 07 40 52 30	Rp/R 1 1/4
K- 07 40 38 08	Rp/R 1 1/2
K- 07 40 52 33	Rp/R 2
K- 07 40 52 34	Rp/R 2 1/2

**Web:** <http://cat.hansa-flex.com/en/KV331IGAG>

## K-V 340 IG IG

## Unions 340, taper seat, female/female

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request



Identification	Thread
K- 07 40 38 19	Rp/Rp 1/4
K- 07 40 38 22	Rp/Rp 3/8
K- 07 40 38 18	Rp/Rp 1/2
K- 07 40 38 21	Rp/Rp 3/4
K- 07 40 38 15	Rp/Rp 1
K- 07 40 38 17	Rp/Rp 1 1/4
K- 07 40 38 16	Rp/Rp 1 1/2
K- 07 40 38 20	Rp/Rp 2
K- 07 40 52 37	Rp/Rp 2 1/2
K- 07 40 52 38	Rp/Rp 3

**Web:** <http://cat.hansa-flex.com/en/KV340IGIG>

**K-V 341 IG AG****Unions 341, taper seat, female/male**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Surface:** Hot dip galvanised  
**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Connecting thread:** acc. ISO 7-1  
**Material:** Black malleable iron B350-10, design symbol A  
**Approval:** DIN DVGW

**Note:** Further information on request

Identification	Thread
K- 07 40 38 27	Rp/R 1/4
K- 07 40 38 30	Rp/R 3/8
K- 07 40 38 26	Rp/R 1/2
K- 07 40 38 29	Rp/R 3/4
K- 07 40 38 23	Rp/R 1
K- 07 40 38 25	Rp/R 1 1/4
K- 07 40 38 24	Rp/R 1 1/2
K- 07 40 38 28	Rp/R 2
K- 07 40 52 39	Rp/R 2 1/2
K- 07 40 52 40	Rp/R 3

**Web:** <http://cat.hansa-flex.com/en/KV341IGAG>

**K-FLACHDICHTUNG ASTM****Flat seal, ASTM F 36 J (NBR with aramide fiber)**

Acc. to DIN EN 10242 (formerly DIN 2950). The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. The fittings are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications.

**Temp. range:** -20 °C to +300 °C (at 20 bar)  
**Material:** ASTM F 36 J (NBR with aramid fibers)

**Note:** Further information on request

Identification	Thread
K- 07 40 36 06	1/4
K- 07 40 36 09	3/8
K- 07 40 36 05	1/2
K- 07 40 36 08	3/4
K- 07 40 36 02	1
K- 07 40 36 04	1 1/4
K- 07 40 36 03	1 1/2
K- 07 40 36 07	2
K- 07 40 51 33	2 1/2
K- 07 40 51 41	3

**Web:** <http://cat.hansa-flex.com/en/KFLACHDICHTUNGASTM>



**K-ROHRDOPPELNIPPEL 23 AG ST37 VZ****Double pipe nipples 23, male/male, zinc plated steel ST 37-2, DIN 2982**

The steel fittings are made of tubular steel to DIN 2441 and boast good resistance to mechanical stresses. Hot dip galvanised steel fittings are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. They are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications, especially in conjunction with the popular malleable iron series.

**Working pressure:** Max. 50 bar  
**Surface:** Hot dip galvanised  
**Connecting thread:** acc. ISO 7-1  
**Material:** Zinc plated steel ST 37-2



**Note:** Further information on request

Identification	Thread	Length mm
K-07 40 35 71	R 1/4	40,0
K-07 40 35 72	R 1/4	60,0
K-07 40 35 73	R 1/4	80,0
K-07 40 35 66	R 1/4	100,0
K-07 40 35 67	R 1/4	120,0
K-07 40 35 68	R 1/4	150,0
K-07 40 35 69	R 1/4	180,0
K-07 40 35 70	R 1/4	200,0
K-07 40 35 95	R 3/8	40,0
K-07 40 35 96	R 3/8	60,0
K-07 40 35 97	R 3/8	80,0
K-07 40 35 90	R 3/8	100,0
K-07 40 35 91	R 3/8	120,0
K-07 40 35 92	R 3/8	150,0
K-07 40 35 93	R 3/8	180,0
K-07 40 35 94	R 3/8	200,0
K-07 40 35 63	R 1/2	40,0
K-07 40 35 64	R 1/2	60,0
K-07 40 35 65	R 1/2	80,0
K-07 40 35 58	R 1/2	100,0
K-07 40 35 59	R 1/2	120,0
K-07 40 35 60	R 1/2	150,0
K-07 40 35 61	R 1/2	180,0
K-07 40 35 62	R 1/2	200,0
K-07 40 35 87	R 3/4	40,0
K-07 40 35 88	R 3/4	60,0
K-07 40 35 89	R 3/4	80,0
K-07 40 35 82	R 3/4	100,0
K-07 40 35 83	R 3/4	120,0
K-07 40 35 84	R 3/4	150,0
K-07 40 35 85	R 3/4	180,0
K-07 40 35 86	R 3/4	200,0
K-07 40 35 39	R 1	40,0
K-07 40 35 40	R 1	60,0
K-07 40 35 41	R 1	80,0
K-07 40 35 34	R 1	100,0
K-07 40 35 35	R 1	120,0
K-07 40 35 36	R 1	150,0
K-07 40 35 37	R 1	180,0
K-07 40 35 38	R 1	200,0
K-07 40 35 55	R 1 1/4	40,0
K-07 40 35 56	R 1 1/4	60,0
K-07 40 35 57	R 1 1/4	80,0
K-07 40 35 50	R 1 1/4	100,0
K-07 40 35 51	R 1 1/4	120,0
K-07 40 35 52	R 1 1/4	150,0
K-07 40 35 53	R 1 1/4	180,0
K-07 40 35 54	R 1 1/4	200,0
K-07 40 35 47	R 1 1/2	40,0
K-07 40 35 48	R 1 1/2	60,0
K-07 40 35 49	R 1 1/2	80,0
K-07 40 35 42	R 1 1/2	100,0
K-07 40 35 43	R 1 1/2	120,0



**K-ROHRDOPPELNIPPEL 23 AG ST37 VZ**

(Continued)

Double pipe nipples 23, male/male, zinc plated steel ST 37-2, DIN 2982

Identification	Thread	Length mm
K-07 40 35 44	R 1 1/2	150,0
K-07 40 35 45	R 1 1/2	180,0
K-07 40 35 46	R 1 1/2	200,0
K-07 40 35 79	R 2	40,0
K-07 40 35 80	R 2	60,0
K-07 40 35 81	R 2	80,0
K-07 40 35 74	R 2	100,0
K-07 40 35 75	R 2	120,0
K-07 40 35 76	R 2	150,0
K-07 40 35 77	R 2	180,0
K-07 40 35 78	R 2	200,0
K-07 40 50 93	R 2 1/2	80,0
K-07 40 50 88	R 2 1/2	100,0
K-07 40 50 89	R 2 1/2	120,0
K-07 40 50 90	R 2 1/2	150,0
K-07 40 50 91	R 2 1/2	180,0
K-07 40 50 92	R 2 1/2	200,0
K-07 40 50 99	R 3	80,0
K-07 40 50 94	R 3	100,0
K-07 40 50 95	R 3	120,0
K-07 40 50 96	R 3	150,0
K-07 40 50 97	R 3	180,0
K-07 40 50 98	R 3	200,0

Web: <http://cat.hansa-flex.com/en/KROHRDOPPELNIPPEL23AGST37VZ>**K-SA MUFFE 16**

Weld-on sleeve 16 made of black steel ST 37-2, DIN 2986 with continuous thread



The steel fittings are made of tubular steel to DIN 2441 and boast good resistance to mechanical stresses. Hot dip galvanised steel fittings are completely coated with a layer of pure zinc and are therefore suitable for drinking water. They are also protected against rust. They are used in pipe construction, plumbing and gas installations as well as a wide range of industrial applications, especially in conjunction with the popular malleable iron series.

**Working pressure:** Max. 50 bar**Connecting thread:** acc. ISO 7-1**Material:** black steel ST 37-2**Note:** Further information on request

Identification	Thread	Length mm
K-07 40 35 30	R 1/4	25,0
K-07 40 35 33	R 3/8	26,0
K-07 40 35 29	R 1/2	34,0
K-07 40 35 32	R 3/4	36,0
K-07 40 35 26	R 1	43,0
K-07 40 35 28	R 1 1/4	48,0
K-07 40 35 27	R 1 1/2	48,0
K-07 40 35 31	R 2	56,0
K-07 40 50 36	R 2 1/2	65,0
K-07 40 50 37	R 3	71,0

Web: <http://cat.hansa-flex.com/en/KSAMUFFE16>

**K-HOCHLEIST SCHALLDAEMP**

## High-performance silencers

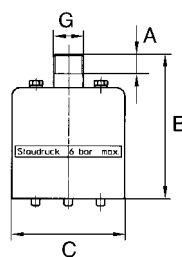
Multi-chamber silencers with a high blow-off rate, short exhaust time and excellent silencing effect.

**Operating temperature:** -10 °C to +90 °C

**Installation position:** Any

**Back pressure (Input):** Max. 6 bar

**Material:** Steel housing powder coated, perforated sheet galvanized steel, polyester felt discs



**Note:** Further information on request

Identification	Flow rate 6bar	Thread	A mm	B mm	C mm
K- 07 40 14 31	13350 l/min	G 1/2	14,0	103,0	80,0
K- 07 40 14 32	16700 l/min	G 3/4	16,0	106,0	80,0
K- 07 40 14 33	23350 l/min	G 1	18,0	130,0	110,0
K- 07 40 14 34	31700 l/min	G 1 1/4	20,0	136,0	110,0
K- 07 40 14 35	53400 l/min	G 1 1/2	24,0	168,0	150,0
K- 07 40 14 36	56700 l/min	G 2	24,0	168,0	150,0

**Web:** <http://cat.hansa-flex.com/en/KHOCHLEISTSCHALLDAEMP>

**K-ERSATZ-FILZSCHEIBEN**

## Replacement felt discs, set of 3



Identification	Designation
K- 07 40 40 70	Set of 3 discs for sizes G 1/2 to G 3/4
K- 07 40 40 71	Set of 3 discs for sizes G 1 to G 1 1/4
K- 07 40 40 72	Set of 3 discs for sizes G 1 1/2 to G 2

**Web:** <http://cat.hansa-flex.com/en/KERSATZFILZSCHEIBEN>

**K-HOCHLEIST SCHALLDAE ALU**

## High-performance silencers-Aluminium

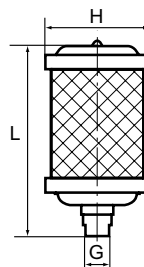
**Working pressure:** 0 - 10 bar

**Operating temperature:** -10 °C to +70 °C

**Muffling material:** Sintered PE (LX 01 to LX 12), Cotton cloth inlay (LX 15 to LX 20)

**Noise reduction:** ≥ 20 dB

**Housing:** Aluminium, steel zinc plated perforated plane



**Note:** Further information on request

Identification	Flow rate 6bar	Thread	H mm	L mm
K- 07 40 14 37	629 l/min	G 1/8	47,0	80,0
K- 07 40 14 38	1211 l/min	G 1/4	47,0	111,0
K- 07 40 14 39	2230 l/min	G 3/8	66,0	130,0
K- 07 40 14 40	2712 l/min	G 1/2	80,0	148,0

**K-HOCHLEIST SCHALLDAE ALU**

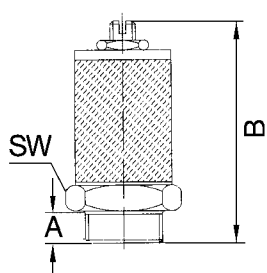
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## High-performance silencers-Aluminium

Identification	Flow rate 6bar	Thread	H mm	L mm
K- 07 40 14 41	6059 l/min	G 3/4	86,5	184,0
K- 07 40 14 42	6348 l/min	G 1	99,0	222,0
K- 07 40 14 43	6946 l/min	G 1 1/4	99,0	226,0
K- 07 40 14 44	49000 l/min	G 1 1/2	133,5	340,0
K- 07 40 14 45	57000 l/min	G 2	133,5	470,0

Web: <http://cat.hansa-flex.com/en/KHOCHLEISTSCHALLDAEALU>**K-SCHALLDAEMPFER EINSTELLBAR**

## Sintered bronze silencers



The volume of exhaust air can be set by means of an adjusting screw with a lock nut.

Operating pressure: Max. 10 bar

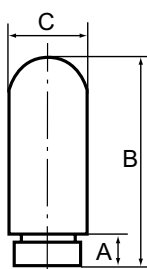
Operating temperature: -10 °C to +250 °C

Note: Further information on request

Identification	Thread	A mm	B	AF
K- 07 40 34 59	M 5	4,0	21,0 - 28,0 mm	8 mm
K- 07 40 34 60	R 1/8	8,0	38,0 - 48,0 mm	16 mm
K- 07 40 34 61	R 1/4	9,5	39,5 - 49,5 mm	16 mm
K- 07 40 34 62	R 3/8	10,5	47,5 - 60,5 mm	22 mm
K- 07 40 34 63	R 1/2	12,0	49,0 - 62,0 mm	22 mm
K- 07 40 46 84	R 3/4	12,0	75,4 - 90,0 mm	30 mm
K- 07 40 46 85	R 1	14,5	75,9 - 90,5 mm	36 mm

Web: <http://cat.hansa-flex.com/en/KSCHALLDAEMPFEREINSTELLBAR>**K-SCHALLDAEPFER VYON**

## Vyon silencers



Operating pressure: Max. 10 bar

Temp. range: -20 °C to +80 °C

Note: Important: The air flowing through the silencer is cooled down. at temperatures below zero, the moisture in the air can freeze, causing the pores of the silencer to close up. Further information on request

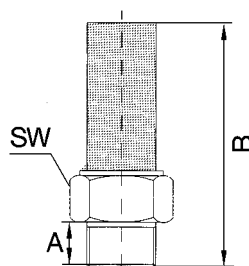
Identification	Thread	A mm	B mm	C mm
K- 07 40 46 90	M 5	5,0	25,0	7,0
K- 07 40 40 61	G 1/8	7,0	32,0	13,0
K- 07 40 40 62	G 1/4	8,0	39,0	17,0
K- 07 40 40 63	G 3/8	11,0	65,0	25,0
K- 07 40 40 64	G 1/2	11,5	70,0	25,0
K- 07 40 40 65	G 3/4	15,5	138,0	37,0
K- 07 40 40 66	G 1	19,5	158,0	48,0

Web: <http://cat.hansa-flex.com/en/KSCHALLDAEPFERVYON>

## K-SCHALLDAEMPFER VA

## Stainless steel silencers

Operating pressure: max. 8 bar  
 Operating temperature: -10 °C to +250 °C  
 Standard: G thread acc. to DIN EN ISO 228-1  
 Material: Stainless steel 1.4401



Note: Further information on request

Identification	Thread	A mm	B mm	AF
K- 07 40 13 07	M 5	5,0	21,0	9 mm
K- 07 40 13 08	G 1/8	7,0	29,0	12 mm
K- 07 40 13 09	G 1/4	9,0	33,0	15 mm
K- 07 40 13 10	G 3/8	9,0	39,0	19 mm
K- 07 40 13 11	G 1/2	9,5	48,0	23 mm
K- 07 40 46 82	G 3/4	11,0	58,0	30 mm
K- 07 40 46 83	G 1	15,0	71,0	36 mm

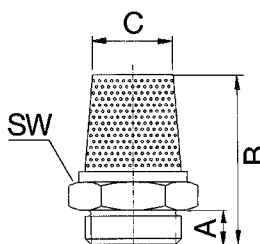
Web: <http://cat.hansa-flex.com/en/KSCHALLDAEMPFERVA>

## K-SCHALLDAE SINTERBR GE MS

## Silencers, sintered bronze, with brass hexagon nut and brass thread

For reducing the exhaust noise generated by pneumatic equipment.

Operating pressure: Max. 10 bar  
 Operating temperature: -10 °C to +200 °C  
 sound level 6bar: 80 ~ 90 dB(A)



Identification	Thread	A mm	B mm	C mm	AF
K- 07 40 35 11	M 5	5,0	20,8	4,0	9 mm
K- 07 40 35 12	G 1/8	5,5	22,8	8,0	13 mm
K- 07 40 35 13	G 1/4	7,0	33,5	10,0	17 mm
K- 07 40 35 14	G 3/8	9,0	41,7	14,0	22 mm
K- 07 40 35 15	G 1/2	10,0	48,5	18,0	24 mm

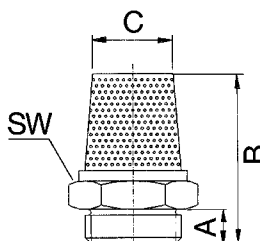
Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRGEMS>

## K-SCHALLDAE SINTERBR FL MS

## Silencers, sintered bronze, flat design with brass hexagon nut and brass thread

For reducing the exhaust noise generated by pneumatic equipment.

Operating pressure: Max. 10 bar  
 Operating temperature: -10 °C to +200 °C  
 sound level 6bar: 80 ~ 90 dB(A)



Identification	Thread	A mm	B mm	C mm	AF
K- 07 40 35 16	M 5	4,0	7,6	6,0	8 mm
K- 07 40 35 17	G 1/8	5,5	10,5	11,0	13 mm

**K-SCHALLDAE SINTERBR FL MS**

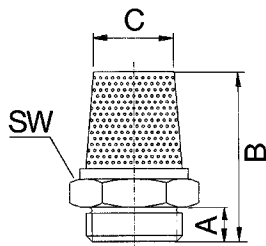
(Continued)

Silencers, sintered bronze, flat design with brass hexagon nut and brass thread

Identification	Thread	A mm	B mm	C mm	AF
K-07 40 35 18	G 1/4	7,0	13,5	13,0	17 mm
K-07 40 35 19	G 3/8	7,5	16,0	17,0	22 mm
K-07 40 35 20	G 1/2	9,5	18,0	20,0	24 mm

Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRFLMS>**K-SCHALLDAE SINTERBR AG 569**

Silencers, sintered bronze, flat type with male thread, 569 Series



For reducing the exhaust noise generated by pneumatic equipment.

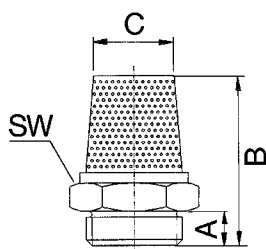
Operating pressure: 0 - 8 bar  
 Operating temperature: -10 °C to +250 °C  
 sound level 6bar: 71 ~ 108 dB(A)

Note: Further information on request

Identification	Thread	A mm	B mm	C mm	AF
K-07 40 34 93	M 5	4,0	8,0	7,8	8 mm
K-07 40 34 94	G 1/8	6,0	13,0	12,8	13 mm
K-07 40 34 95	G 1/4	7,5	16,5	14,8	15 mm
K-07 40 34 96	G 3/8	7,5	16,5	18,8	19 mm
K-07 40 34 97	G 1/2	9,0	18,5	23,0	24 mm
K-07 40 46 97	G 3/4	11,0	19,5	26,0	27 mm
K-07 40 46 98	G 1	14,0	24,0	35,0	36 mm

Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRAG569>**K-SCHALLDAE SINTERBR SK**

Silencers, sintered bronze, with hexagon nut



For reducing the exhaust noise generated by pneumatic equipment.

Operating pressure: 0 - 8 bar  
 Operating temperature: -10 °C to +250 °C  
 sound level 6bar: 71 ~ 108 dB(A)

Note: Further information on request

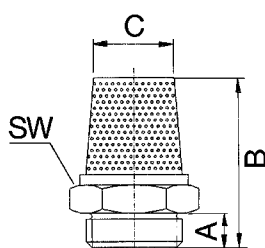
Identification	Thread	A mm	B mm	C mm	AF
K-07 40 34 77	G 1/8	6,0	28,0	8,0	13 mm
K-07 40 34 78	G 1/4	8,0	34,0	12,0	17 mm
K-07 40 34 79	G 3/8	10,0	36,0	15,0	22 mm
K-07 40 34 80	G 1/2	12,0	44,0	19,0	27 mm
K-07 40 34 81	G 3/4	14,0	54,0	22,0	32 mm
K-07 40 34 82	G 1	16,0	66,0	28,0	41 mm

Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRSK>

**K-SCHALLDAE SINTERBR GE MS1**

Silencers, sintered bronze, with brass hexagon nut and brass thread

For reducing the exhaust noise generated by pneumatic equipment.

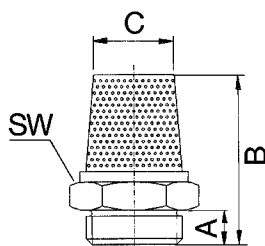
**Operating pressure:** 0 - 8 bar**Operating temperature:** -10 °C to +250 °C**sound level 6bar:** 71 ~ 108 dB(A)**Note:** Further information on request

Identification	Thread	A mm	B mm	C mm	AF
K- 07 40 34 70	M 5	5,0	18,5	4,0	9 mm
K- 07 40 34 71	G 1/8	4,5	21,0	8,5	12 mm
K- 07 40 34 72	G 1/4	6,0	28,0	11,0	15 mm
K- 07 40 34 73	G 3/8	7,0	35,5	14,0	19 mm
K- 07 40 34 74	G 1/2	8,0	41,5	16,0	23 mm
K- 07 40 34 75	G 3/4	9,0	53,0	21,0	30 mm
K- 07 40 34 76	G 1	12,0	67,0	27,0	36 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRGEMS1>**K-SCHALLDAE SINTERBR SCHLITZ**

Silencers, sintered bronze, slotted

For reducing the exhaust noise generated by pneumatic equipment.

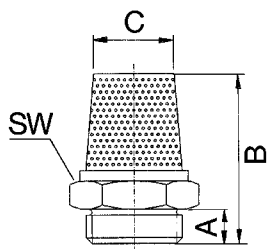
**Operating pressure:** 0 - 8 bar**Operating temperature:** -10 °C to +250 °C**sound level 6bar:** 71 ~ 108 dB(A)**Note:** Further information on request

Identification	Thread	A mm	B mm	C mm
K- 07 40 34 83	G 1/8	5,5	21,0	8,0
K- 07 40 34 84	G 1/4	8,5	27,0	10,0
K- 07 40 34 85	G 3/8	11,0	36,0	15,0
K- 07 40 34 86	G 1/2	11,0	44,0	19,0
K- 07 40 46 95	G 3/4	12,0	65,0	20,0
K- 07 40 46 96	G 1	15,0	75,0	26,5

**Web:** <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRSCHLITZ>

**K-SCHALLDAE SINTERBR S 1**

Silencers, sintered bronze, slotted



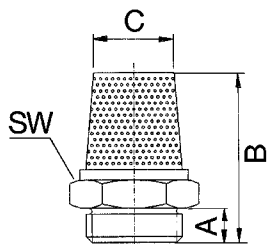
For reducing the exhaust noise generated by pneumatic equipment.

**Operating pressure:** Max. 10 bar  
**Operating temperature:** -10 °C to +200 °C  
**sound level 6bar:** 80 ~ 90 dB(A)

Identification	Thread	A mm	B mm	C mm
K-07 40 35 07	G 1/8	5,5	21,0	8,0
K-07 40 35 08	G 1/4	8,5	27,0	10,0
K-07 40 35 09	G 3/8	11,0	36,0	15,0
K-07 40 35 10	G 1/2	11,0	44,0	19,0

Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRS1>**K-SCHALLDAE SINTERBR S**

Silencers, sintered bronze, slotted



For reducing the exhaust noise generated by pneumatic equipment.

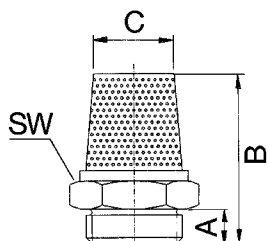
**Operating pressure:** Max. 10 bar  
**Operating temperature:** -10 °C to +250 °C  
**Standard:** G thread acc. to DIN EN ISO 228-1

Note: Further information on request

Identification	Thread	A mm	B mm	C mm
K-07 40 35 03	G 1/8	6,5	12,5	9,5
K-07 40 35 04	G 1/4	6,5	13,5	12,6
K-07 40 35 05	G 3/8	7,5	16,0	16,2
K-07 40 35 06	G 1/2	10,0	19,6	20,5
K-07 40 46 86	G 3/4	11,0	23,0	26,0
K-07 40 46 87	G 1	13,0	24,0	33,0

Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRS>**K-SCHALLDAE SINTERBR IG**

Silencers, sintered bronze, flat type with female thread



For reducing the exhaust noise generated by pneumatic equipment.

**Operating pressure:** Max. 10 bar  
**Operating temperature:** -10 °C to +250 °C  
**Standard:** G thread acc. to DIN EN ISO 228-1

Note: Further information on request

Identification	Thread	B mm	C mm	AF
K-07 40 34 98	M 5	8,0	5,0	8 mm





(Continued)

## K-SCHALLDAE SINTERBR IG

Silencers, sintered bronze, flat type with female thread

Identification	Thread	B mm	C mm	AF
K- 07 40 34 99	G 1/8	10,0	9,0	13 mm
K- 07 40 35 00	G 1/4	11,0	11,0	16 mm
K- 07 40 35 01	G 3/8	12,0	15,0	19 mm
K- 07 40 35 02	G 1/2	13,0	20,0	24 mm
K- 07 40 46 88	G 3/4	18,0	28,0	32 mm
K- 07 40 46 89	G 1	22,0	37,0	41 mm

Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRIG>

## K-SCHALLDAE SINTERBR AG 560

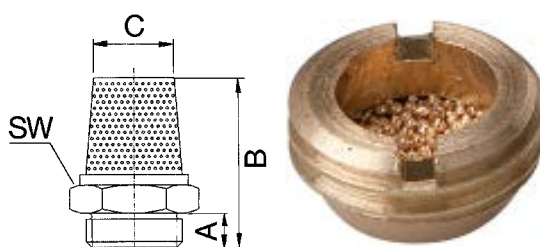
Silencers, sintered bronze, flat type with male thread, 560 Series

For reducing the exhaust noise generated by pneumatic equipment.

Operating pressure: Max. 10 bar

Operating temperature: -10 °C to +250 °C

Standard: G thread acc. to DIN EN ISO 228-1



Note: Further information on request

Identification	Thread	B mm	C mm
K- 07 40 34 87	G 1/8	6,0	6,0
K- 07 40 34 88	G 1/4	6,0	8,0
K- 07 40 34 89	G 3/8	6,5	10,0
K- 07 40 34 90	G 1/2	8,0	12,0
K- 07 40 34 91	G 3/4	10,5	20,0
K- 07 40 34 92	G 1	9,5	26,0

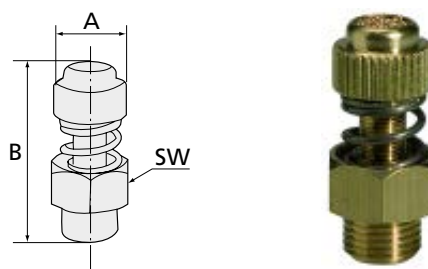
Web: <http://cat.hansa-flex.com/en/KSCHALLDAESINTERBRAG560>

## K-SCHALLDAE FEDEREINSTELLUNG

Adjustable spring silencers

Operating pressure: max. 12 bar

Operating temperature: -10 °C to +80 °C



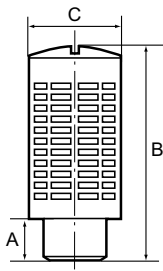
Note: Further information on request

Identification	Thread	A mm	B max mm	B min mm	AF
K- 07 40 34 64	G 1/8	12,0	28,0	26,0	13 mm
K- 07 40 34 65	G 1/4	14,0	32,0	30,0	15 mm
K- 07 40 34 66	G 3/8	17,0	38,0	36,0	22 mm
K- 07 40 34 67	G 1/2	17,0	39,0	37,0	22 mm
K- 07 40 34 68	G 3/4	32,0	50,0	46,0	30 mm
K- 07 40 34 69	G 1	32,0	50,0	47,0	36 mm

Web: <http://cat.hansa-flex.com/en/KSCHALLDAEFEDEREINSTELLUNG>

**K-KUNST SCHALLDAEMPFER GRA**

Plastic silencers, with granular filling



With granular filling, self-cleaning. The spherical shape of the granules allows very fine dust to escape in addition to air. Higher blow-off rate.

**Operating pressure:** max. 12 bar

**Operating temperature:** -20 °C to +70 °C

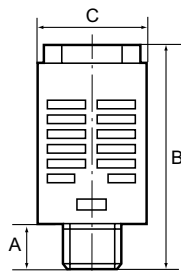
**Note:** Further information on request

Identification	Thread	A mm	B mm	C mm
K-07 40 14 51	G 1/8	6,0	33,0	15,0
K-07 40 14 52	G 1/4	8,0	43,0	19,0
K-07 40 14 53	G 3/8	11,0	57,0	24,5
K-07 40 14 54	G 1/2	11,0	57,0	24,5
K-07 40 14 55	G 3/4	17,5	112,0	48,0
K-07 40 14 56	G 1	16,0	110,5	48,0

**Web:** <http://cat.hansa-flex.com/en/KKUNSTSCHALLDAEMPFERGRA>

**K-KUNST SCHALLDAEMPFER BAU**

Plastic silencers, with steel mesh and cotton cloth filling



Impurities are retained due to the steel mesh and cotton cloth filling, only air escapes. Improved silencing effect.

**Operating pressure:** max. 12 bar

**Operating temperature:** -20 °C to +70 °C

**Note:** Further information on request

Identification	Thread	A mm	B mm	C mm
K-07 40 14 57	G 1/8	6,0	34,0	15,5
K-07 40 14 58	G 1/4	8,0	43,0	19,5
K-07 40 14 59	G 3/8	10,5	58,0	24,5
K-07 40 14 60	G 1/2	10,5	58,0	24,5
K-07 40 14 61	G 3/4	17,5	112,0	48,0
K-07 40 14 62	G 1	16,0	110,5	48,0

**Web:** <http://cat.hansa-flex.com/en/KKUNSTSCHALLDAEMPFERBAU>

**K-SCHALLDAE FRUEHWARNFUKT****Silencers with early warning function**

The silencer's warning indicator gives an early warning if the back pressure in the system is too high. Maintenance personnel can both see and hear (from the elevated sound level) that it is time to replace the silencer before costly and unnecessary disruptions impair operation.

The design is based on a two-chamber system with inner and outer silencing chambers.

The inner diffuser serves as a warning indicator that is pressed out when back pressure is too high.

The silencer should be replaced as soon as the inner diffuser extends far enough to show the red marking on the warning indicator.

**Operating pressure:** 5 bar

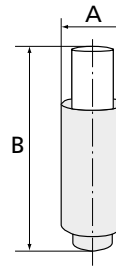
**Operating temperature:** Max. 70 °C

**Standard:** G thread acc. to DIN EN ISO 228-1

**Material:** PP

**Noise reduction:** 32 dB(A)

**Note:** Further information on request



Identification	Thread	A mm	B mm	Flow rate L/min	Noise level dBA
K- 07 40 15 22	G 1/8 male	15,7	35,5	450	65,5
K- 07 40 15 23	G 1/4 male	19,6	42,6	883	66,5
K- 07 40 15 24	G 3/8 male	26,8	57,0	1480	73,2
K- 07 40 15 25	G 1/2 male	32,4	73,5	1910	76,5

**Web:** <http://cat.hansa-flex.com/en/KSCHALLDAEFRUEHWARNFUKT>

**K-GEHOERSCHUTZSTOEPSSEL****Earplugs**

Made of slow-recovery, environmentally friendly polyurethane foam. A constant low pressure is maintained.

Good insulation combined with optimum comfort.

**Colour:** yellow

**SNR value:** 36 dBA

**Packaging unit:** 250 pairs

**Material:** Polyurethane foam



**Note:** Further information on request

**Identification**

K- 07 10 07 15

**Web:** <http://cat.hansa-flex.com/en/KGEHOERSCHUTZSTOEPSSEL>

**K-BUEGELGEHOERSCHUETZER**

## Ear caps



These attractive ear caps exert only low pressure for maximum comfort. Specially designed for short-term use. Extremely elastic headband for constant low pressure. Effective silencing provides good protection. Soft plugs that are not inserted inside the ear canal. Ultra-lightweight

**Level range:** Max. 101 dB  
**SNR value:** 26 dBA

**Note:** Further information on request

**Identification**

K-07 10 07 16

**Web:** <http://cat.hansa-flex.com/en/KBUEGELGEHOERSCHUETZER>

**K-KAPSELGEHOERSCHUTZ**

## Ear muffs



For heavy noise loads and effective protection against medium- and high-frequency noise wider, soft-padded head band ensures good weight distribution. Two-point mounting results in light contact pressure and comfortable long-term use. soft, liquid-filled sealing cushions for additional comfort.

**Level range:** Max. 105 dB  
**SNR value:** 31 dBA

**Note:** Further information on request

**Identification**

K-07 10 07 17

**Weight**  
 kg  
 0,21

**Web:** <http://cat.hansa-flex.com/en/KKAPSELGEHOERSCHUTZ>



4

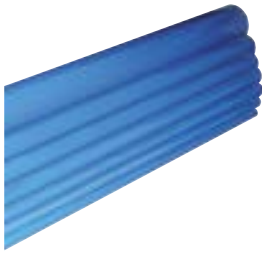


**Pipeline system Infinity**

<b>Pipeline</b>	
Pipeline Aluminium	510
<b>connection elements Ø 20 – Ø 63 mm</b>	
straight	511
elbow	514
T-shape	518
ball valve	519
Accessories	520
<b>connection elements Ø 80 – Ø 110 mm</b>	
plug-in connectors	521
flanges	524
<b>Pipe flange, fastening material and accessories</b>	
Pipe flange	525
fastening material	525
Accessories	527

### K-ROHRLEIT ALU KALIBRIERT BLAU INFI

Pipe made of aluminium, calibrated, blue



**Media:** Compressed air, vacuum, inert gases  
**expansion coefficient:** 0,024 mm/m °C  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Colour:** blue RAL 5010  
**Material:** Aluminium UNI 9006/1 Al Mg 0,5 Si 0,4 Fe 0,2  
**Surface treatment:** electrostatic coating

**Ordering information:** Special lengths on request

Identification	External Ø	Wall thickness	Weight kg/m	density specific per dm3	Length	Packaging unit
	mm	mm	g	kg		
K-07 40 53 09	20	1,5	235,000	2,7	4,000	8 piece
K-07 40 53 23	20	1,5	235,000	2,7	6,000	8 piece
K-07 40 53 10	25	1,5	298,000	2,7	4,000	8 piece
K-07 40 53 24	25	1,5	298,000	2,7	6,000	8 piece
K-07 40 53 11	32	1,5	387,000	2,7	4,000	9 piece
K-07 40 53 25	32	1,5	387,000	2,7	6,000	8 piece
K-07 40 53 12	40	1,5	490,000	2,7	4,000	9 piece
K-07 40 53 26	40	1,5	490,000	2,7	6,000	4 piece
K-07 40 53 13	50	2,0	814,000	2,7	4,000	4 piece
K-07 40 53 27	50	2,0	814,000	2,7	6,000	4 piece
K-07 40 53 14	63	2,0	1,034	2,7	4,000	4 piece
K-07 40 53 28	63	2,0	1,034	2,7	6,000	2 piece
K-07 40 55 07	80	2,0	1,493	2,7	4,000	
K-07 40 55 09	80	2,0	1,493	2,7	6,000	
K-07 40 53 22	110	2,5	2,280	2,7	4,000	2 piece
K-07 40 53 29	110	2,5	2,280	2,7	6,000	1 piece

**Web:** <http://cat.hansa-flex.com/en/KROHRLEITALUKALIBRIERTBLAUINFI>

### K-ROHRLEIT ALU KALIBRIERT GRAU INFI

Pipe made of aluminium, calibrated, grey



**Media:** Compressed air, vacuum, inert gases  
**expansion coefficient:** 0,024 mm/m °C  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Colour:** greyRAL 7035  
**Material:** Aluminium UNI 9006/1 Al Mg 0,5 Si 0,4 Fe 0,2  
**Surface treatment:** electrostatic coating

**Ordering information:** Special lengths on request

Identification	External Ø	Wall thickness	Weight kg/m	density specific per dm3	Length	Packaging unit
	mm	mm	g	kg		
K-07 40 53 15	20	1,5	235,000	2,7	4,000	8 piece
K-07 40 53 30	20	1,5	235,000	2,7	6,000	8 piece
K-07 40 53 16	25	1,5	298,000	2,7	4,000	8 piece
K-07 40 53 31	25	1,5	298,000	2,7	6,000	8 piece
K-07 40 53 17	32	1,5	387,000	2,7	4,000	9 piece
K-07 40 53 32	32	1,5	387,000	2,7	6,000	8 piece
K-07 40 53 18	40	1,5	490,000	2,7	4,000	9 piece
K-07 40 53 33	40	1,5	490,000	2,7	6,000	4 piece
K-07 40 53 19	50	2,0	814,000	2,7	4,000	4 piece
K-07 40 53 34	50	2,0	814,000	2,7	6,000	4 piece
K-07 40 53 20	63	2,0	1,034	2,7	4,000	4 piece
K-07 40 53 35	63	2,0	1,034	2,7	6,000	2 piece
K-07 40 55 08	80	2,0	1,493	2,7	4,000	
K-07 40 55 10	80	2,0	1,493	2,7	6,000	





(Continued)

**K-ROHRLEIT ALU KALIBRIERT GRAU INFI**

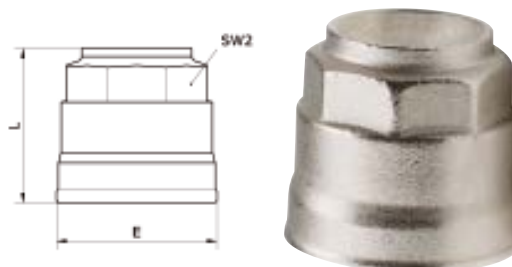
Pipe made of aluminium, calibrated, grey

Identification	External Ø mm	Wall thickness mm	Weight kg/m g	density specific per dm <sup>3</sup> kg	Length m	Packaging unit
K- 07 40 53 21	110	2,5	2,280	2,7	4,000	2 piece
K- 07 40 53 36	110	2,5	2,280	2,7	6,000	1 piece

 Web: <http://cat.hansa-flex.com/en/KROHRLEITALUKALIBRIERTGRAUINFI>
**K-STECK VS 20-50 INFI**

press-lock Ø 20 mm – Ø 63 mm

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

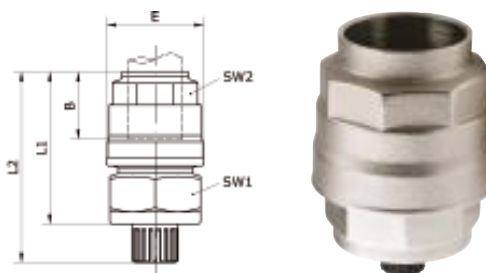


Identification	External pipe Ø	E mm	L mm	AF2 mm
K- 07 40 54 20	20 mm	34,5	33,0	30
K- 07 40 54 21	25 mm	42,5	39,0	35
K- 07 40 54 22	32 mm	52,0	46,5	45
K- 07 40 54 23	40 mm	63,0	53,0	55
K- 07 40 54 24	50 mm	73,0	62,0	65
K- 07 40 55 04	63 mm	94,0	54,0	75

 Web: <http://cat.hansa-flex.com/en/KSTECKVS2050INFI>
**K-STECK VS ABLASS 20-63 INFI**

press-lock Ø 20 mm – Ø 63 mm with condensate drain

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

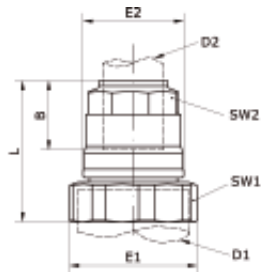


Identification	External pipe Ø	B mm	E mm	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 53 86	20 mm	36,0	34,5	52,5	67,0	32	30
K- 07 40 53 87	25 mm	38,5	42,5	57,5	72,0	32	35
K- 07 40 53 88	32 mm	46,0	52,0	67,5	82,0	38	45
K- 07 40 53 89	40 mm	52,0	63,0	77,0	91,5	50	55
K- 07 40 53 90	50 mm	63,5	73,0	86,5	101,0	55	65

 Web: <http://cat.hansa-flex.com/en/KSTECKVSABLASS2063INFI>

### K-RED STUECK 20-63 INFI

Reducer Ø 20 mm – Ø 63 mm



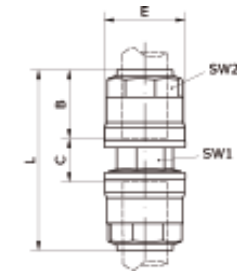
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B mm	D1 mm	D2 mm	E1 mm	E2 mm	L mm	AF1 mm	AF2 mm
K-07 40 54 26	25 - 20 mm	31,5	25,0	20	43,5	34,5	48,0	42	30
K-07 40 54 27	32 - 20 mm	31,5	32,0	20	54,0	34,5	48,5	52	30
K-07 40 54 28	32 - 25 mm	38,5	32,0	25	54,0	42,5	55,0	63	35
K-07 40 54 29	40 - 20 mm	31,5	40,0	20	65,0	34,5	50,0	63	30
K-07 40 54 30	40 - 25 mm	38,5	40,0	25	65,0	42,5	56,5	63	35
K-07 40 54 31	40 - 32 mm	46,0	40,0	32	65,0	52,0	63,5	63	45
K-07 40 54 32	50 - 32 mm	46,0	50,0	32	75,0	52,0	63,5	73	45
K-07 40 54 33	50 - 40 mm	52,0	50,0	40	75,0	63,0	69,0	73	55

**Web:** <http://cat.hansa-flex.com/en/KREDSTUECK2063INFI>

### K-STECK VB 20-63 INFI

Straight push-in connector Ø 20 mm – Ø 63 mm



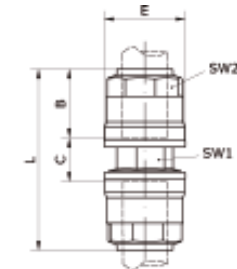
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Aluminium  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Aluminium  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B mm	C mm	E mm	L mm	AF1 mm	AF2 mm
K-07 40 54 97	63 mm	57,5	44,0	94,0	159,0	73	75

**Web:** <http://cat.hansa-flex.com/en/KSTECKVB2063INFI>

### K-G VB 20-63 INFI

Straight push-in connector Ø 20 mm – Ø 63 mm



**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B mm	C mm	E mm	L mm	AF1 mm	AF2 mm
K-07 40 53 50	20 mm	31,5	14,5	34,5	76,5	21	30
K-07 40 53 51	25 mm	38,5	13,5	42,5	90,5	26	35
K-07 40 53 52	32 mm	46,0	14,5	52,0	106,5	32	45



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K-G VB 20-63 INFI

## Straight push-in connector Ø 20 mm – Ø 63 mm

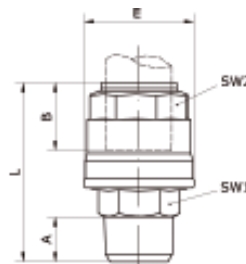
Identification	External pipe Ø	B mm	C mm	E mm	L mm	AF1 mm	AF2 mm
K- 07 40 53 53	40 mm	52,0	21,0	63,0	125,0	41	55
K- 07 40 53 54	50 mm	63,5	21,5	73,0	148,5	50	65

 Web: <http://cat.hansa-flex.com/en/KGVB2063INFI>

K-G-STECK VB 20-63 AG INFI

## Straight push-in connector Ø 20 mm – Ø 63 mm with external thread

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Aluminium  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Aluminium  
**O-ring:** NBR  
**Locking ring:** Technopolymer



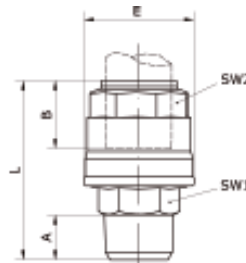
Identification	External pipe Ø	Connection	A mm	B mm	E mm	L mm	AF1 mm	AF2 mm
K- 07 40 54 95	63 mm	R 2	24,0	57,5	94,0	109,5	65	75
K- 07 40 54 96	63 mm	R 2 1/2	24,0	57,5	94,0	106,5	75	75

 Web: <http://cat.hansa-flex.com/en/KGSTECKVB2063AGINFI>

K-G STECK 20-63 AG INFI

## Straight push-in connector Ø 20 mm – Ø 63 mm with external thread

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

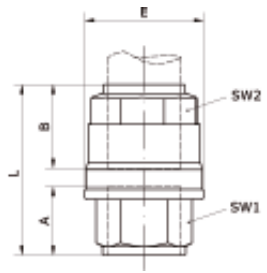


Identification	External pipe Ø	Connection	A mm	B mm	E mm	L mm	AF1 mm	AF2 mm
K- 07 40 53 37	20 mm	R 1/2	14,0	31,5	34,5	56,0	22	30
K- 07 40 53 38	25 mm	R 3/4	16,5	38,5	42,5	66,0	27	35
K- 07 40 53 39	32 mm	R 1	19,0	46,0	52,0	76,5	34	45
K- 07 40 53 40	40 mm	R 1 1/4	21,5	52,0	63,0	89,5	45	55
K- 07 40 53 41	40 mm	R 1 1/2	21,5	52,0	63,0	92,0	50	55
K- 07 40 53 42	50 mm	R 1 1/2	21,5	63,5	73,0	105,0	50	65

 Web: <http://cat.hansa-flex.com/en/KGSTECK2063AGINFI>

### K-G STECK 20-63 IG INFI

Straight push-in connector Ø 20 mm – Ø 63 mm with internal thread



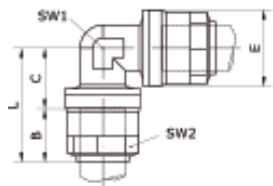
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	Connection	A mm	B mm	E mm	L mm	AF1 mm	AF2 mm
K-07 40 53 44	20 mm	G 1/2"	15,0	31,5	34,5	49,0	24	30
K-07 40 53 45	25 mm	G 3/4	16,5	38,5	42,5	56,5	32	35
K-07 40 53 46	32 mm	G 1	19,0	46,0	52,0	66,5	38	45
K-07 40 53 47	40 mm	G 1 1/4	22,0	52,0	63,0	76,0	50	55
K-07 40 53 48	50 mm	G 1 1/2	22,0	63,5	73,0	85,5	55	65

**Web:** <http://cat.hansa-flex.com/en/KGSTECK2063IGINFI>

### K-W90 STECK VB 20-63 INFI

90°-elbow push-in connector Ø 20 mm – Ø 63 mm



**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B mm	C mm	E mm	L mm	AF1 mm	AF2 mm
K-07 40 53 56	20 mm	31,5	19,0	34,5	51,0	21	30
K-07 40 53 57	25 mm	38,5	23,0	42,5	61,5	26	35
K-07 40 53 58	32 mm	46,0	28,0	52,0	74,5	34	45
K-07 40 53 59	40 mm	52,0	34,0	63,0	86,5	41	55
K-07 40 53 60	50 mm	63,5	40,5	73,0	104,0	50	65
K-07 40 54 98	63 mm	57,5	55,5	94,0	113,0	73	75

**Web:** <http://cat.hansa-flex.com/en/KW90STECKVB2063INFI>

### K-W90 STECK VB WAND 20-63 INFI

90°-elbow push-in connector Ø 20 mm – Ø 63 mm with wall mounting (adjustable)



**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	Connection	B mm	C mm	E mm	L1 mm	L2 mm	L3 mm	L max mm	L min mm	M mm	N mm	O mm	AF1 mm	AF2 mm
K-07 40 54 11	20 mm	G 1/2"	31,5	19,5	34,5	35,0	51,0	35,0	40	22	64	50	20,0	21	30

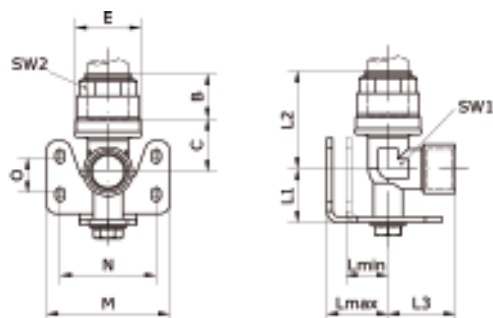


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**K-W90 STECK VB WAND 20-63 INFI**

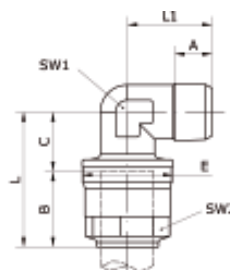
90°-elbow push-in connector Ø 20 mm – Ø 63 mm with wall mounting (adjustable)

Identification	External pipe Ø	Connection	B mm	C mm	E mm	L1 mm	L2 mm	L3 mm	L max mm	L min mm	M mm	N mm	O mm	AF1 mm	AF2 mm
K-07 40 54 12	25 mm	G 3/4	38,5	23,0	42,5	37,0	62,0	39,0	40	22	64	50	20,0	26	35
K-07 40 54 13	32 mm	G 1	46,0	28,0	52,0	41,0	74,5	48,5	40	26	64	50	20,0	34	45


 Web: <http://cat.hansa-flex.com/en/KW90STECKVBWAND2063INFI>
**K-W90 STECK AG 20-63 INFI**

90°-elbow push-in connector Ø 20 mm – Ø 63 mm with external thread

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

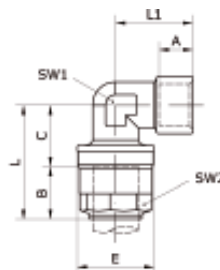


Identification	External pipe Ø	Connection	A mm	B mm	C mm	E mm	L mm	L1 mm	AF1 mm	AF2 mm
K-07 40 53 68	20 mm	R 1/2	14,0	31,5	19,0	34,5	51,0	32,0	21	30
K-07 40 53 69	25 mm	R 3/4	16,5	38,5	23,0	42,5	61,5	37,0	26	35
K-07 40 53 70	32 mm	R 1	19,0	46,0	28,0	52,0	74,5	49,0	34	45
K-07 40 53 71	40 mm	R 1 1/4	21,5	52,0	34,0	63,0	86,5	54,0	41	55
K-07 40 53 72	50 mm	R 1 1/2	21,5	63,5	40,5	73,0	104,0	59,0	50	65

 Web: <http://cat.hansa-flex.com/en/KW90STECKAG2063INFI>
**K-W90 STECK IG 20-63 INFI**

90°-elbow push-in connector Ø 20 mm – Ø 63 mm with internal thread

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer



Identification	External pipe Ø	Connection	A mm	B mm	C mm	E mm	L mm	L1 mm	AF1 mm	AF2 mm
K-07 40 53 74	20 mm	G 1/2"	13,0	31,5	19,0	34,5	51,0	34,5	21	30
K-07 40 53 75	25 mm	G 3/4	14,5	38,5	23,0	42,5	61,5	38,5	26	35
K-07 40 53 76	32 mm	G 1	16,5	46,0	28,0	52,0	74,5	47,5	34	45
K-07 40 53 77	40 mm	G 1 1/4	20,0	52,0	34,0	63,0	86,5	56,5	41	55
K-07 40 53 78	50 mm	G 1 1/2	22,0	63,5	40,5	73,0	104,0	64,7	50	65

 Web: <http://cat.hansa-flex.com/en/KW90STECKIG2063INFI>

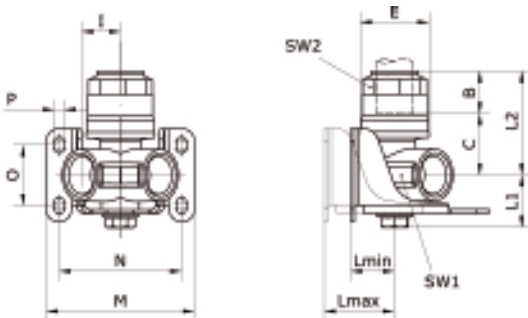
### K-W STECK VB 2-FACH WAND 20-63 INFI

2-fold angle connector Ø 20 mm - Ø 63 mm with wall mounting (adjustable)



**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

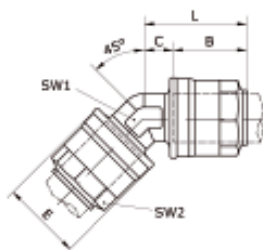
Identification	External pipe Ø	Connection	B	C	E	I	L1	L2	L max	L min	M	N	O	P	AF1	AF2
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
K-07 40 54 14	20 mm	G 1/2"	31,5	20,0	34,5	28,5	27,0	51,5	54	22	74	61	30,5	5	26	30
K-07 40 54 15	25 mm	G 1/2"	38,5	21,0	42,5	28,5	27,0	59,0	54	22	74	61	30,5	5	26	35



**Web:** <http://cat.hansa-flex.com/en/KWSTECKVB2FACHWAND2063INFI>

### K-W135 STECK VB 20-63 INFI

135°-elbow push-in connector Ø 20 mm – Ø 63 mm



**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B	C	E	L	AF1	AF2
		mm	mm	mm	mm	mm	mm
K-07 40 53 62	20 mm	31,5	12,5	34,5	44,0	21	30
K-07 40 53 63	25 mm	38,5	13,5	42,5	52,0	26	35
K-07 40 53 64	32 mm	46,0	15,0	52,0	61,0	34	45
K-07 40 53 65	40 mm	52,0	18,0	63,0	70,0	41	55
K-07 40 53 66	50 mm	63,5	20,0	73,0	83,5	50	65
K-07 40 54 99	63 mm	57,5	24,0	94,0	82,0	73	75

**Web:** <http://cat.hansa-flex.com/en/KW135STECKVB2063INFI>

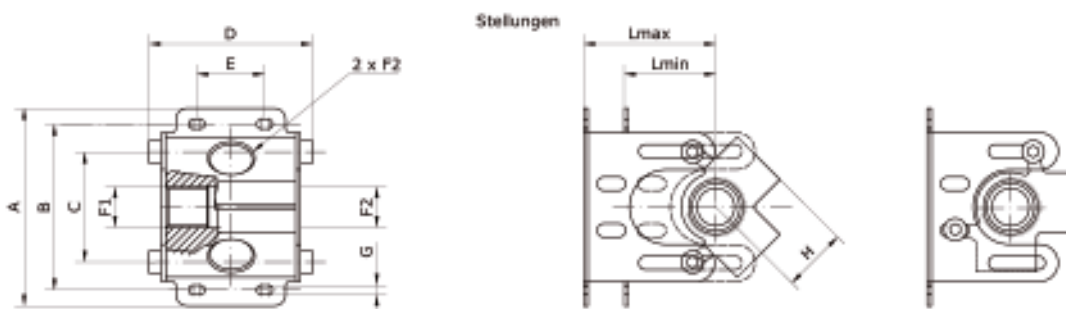
**K-ENDVERT 2-FACH WAND 20-63 INFI**

2-fold terminal distributor Ø 20 mm - Ø 63 mm with wall bracket

Operating pressure: -0,99 bar - 15 bar  
 Temp. range: -20 °C to +80 °C  
 Housing: Nickel-plated brass  
 Nut: Nickel-plated brass



Identification	A mm	Output	Input	B mm	C mm	D mm	E mm	F1	F2	G mm	H mm	L max mm	L min mm
K-07 40 54 16	87,0	G 1/2	G 1/2	73,0	48,5	72	29,5	G 1/2	G 1/2	5	28,5	60	35
K-07 40 54 17	87,0	G 1/2	G 3/4	73,0	48,5	72	29,5	G 3/4	G 1/2	5	28,5	60	35



Web: <http://cat.hansa-flex.com/en/KENDVERT2FACHWAND2063INFI>

**K-ENDVERT 4-FACH WAND 20-63 INFI**

4-fold terminal distributor Ø 20 mm - Ø 63 mm with wall bracket

Operating pressure: -0,99 bar - 15 bar  
 Temp. range: -20 °C to +80 °C  
 Housing: Nickel-plated brass  
 Nut: Nickel-plated brass



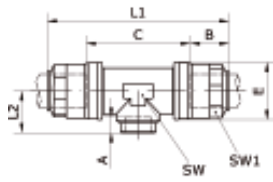
Identification	A mm	Output	Input	B mm	C mm	D mm	E mm	F1	F2	G mm	H mm	I mm	L max mm	L min mm
K-07 40 54 19	87,0	G 1/2	G 1/2	73,0	48,5	120	77,5	G 1/2	G 1/2	5	28,5	48,0	60	35
K-07 40 54 18	87,0	G 1/2	G 3/4	73,0	48,5	120	77,5	G 3/4	G 1/2	5	28,5	48,0	60	35



Web: <http://cat.hansa-flex.com/en/KENDVERT4FACHWAND2063INFI>

### K-T STECK VB SCHANH IG 20-63 INFI

T-push-in connector Ø 20 mm – Ø 63 mm with integrated gooseneck and internal thread



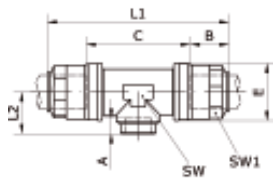
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	Connection	A mm	B mm	C mm	E mm	L1 mm	L2 mm	AF mm	AF1 mm
K-07 40 54 04	20 mm	G 3/8	11,0	31,5	48,0	34,5	109,0	25,0	28	30
K-07 40 54 05	20 mm	G 1/2"	13,5	31,5	48,0	34,5	109,0	28,0	28	30
K-07 40 54 06	25 mm	G 3/8	11,0	38,5	45,5	42,5	121,5	29,0	35	35
K-07 40 54 07	25 mm	G 1/2"	13,5	38,5	45,5	42,5	121,5	31,0	35	35
K-07 40 54 08	32 mm	G 1/2"	13,5	46,0	54,5	52,0	146,5	36,5	45	45
K-07 40 54 09	40 mm	G 1/2"	13,5	52,5	60,0	63,0	165,5	41,5	55	55
K-07 40 54 10	50 mm	G 3/4	14,5	63,5	73,5	73,0	201,0	47,5	65	65

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVBSCHANHIG2063INFI>

### K-T-STECK VB 20-63 SCHANH IG INFI

T-push-in connector Ø 20 mm – Ø 63 mm with integrated gooseneck and internal thread



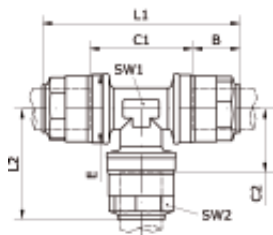
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Aluminium  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Aluminium  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	Connection	A mm	B mm	C mm	E mm	L1 mm	L2 mm	AF mm	AF1 mm
K-07 40 55 02	63 mm	G 1/2"	13,5	57,5	88,0	94,0	203,0	53,0	80	75
K-07 40 55 01	63 mm	G 3/4	14,5	57,5	88,0	94,0	203,0	54,0	80	75
K-07 40 55 03	63 mm	G 1	17,5	57,5	88,0	94,0	203,0	56,5	80	75

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB2063SCHANHIGINFI>

### K-T STECK VB 20-63 INFI

T-push-in connector Ø 20 mm – Ø 63 mm



**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B mm	C1 mm	C2 mm	E mm	L1 mm	L2 mm	AF1 mm	AF2 mm
K-07 40 53 80	20 mm	31,5	34,5	22,5	34,5	98,0	54,5	21	30
K-07 40 53 81	25 mm	38,5	37,5	26,0	42,5	113,5	65,0	26	35





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**K-T STECK VB 20-63 INFI**

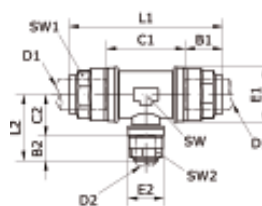
T-push-in connector Ø 20 mm – Ø 63 mm

Identification	External pipe Ø	B mm	C1 mm	C2 mm	E mm	L1 mm	L2 mm	AF1 mm	AF2 mm
K- 07 40 53 82	32 mm	46,0	46,5	31,5	52,0	138,5	77,0	34	45
K- 07 40 53 83	40 mm	52,0	55,5	38,0	63,0	159,5	90,0	41	55
K- 07 40 53 84	50 mm	63,5	69,0	44,5	73,0	196,0	108,0	50	65
K- 07 40 55 00	63 mm	57,5	111,0	55,5	94,0	226,0	113,0	73	75

 Web: <http://cat.hansa-flex.com/en/KTSTECKVB2063INFI>
**K-T STECK VB SCHANH 20-63 INFI**

T-push-in connector Ø 20 mm – Ø 63 mm with integrated gooseneck

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

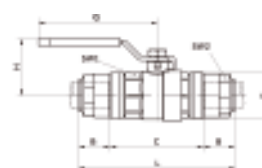


Identification	External pipe Ø	B1 mm	B2 mm	C1 mm	C2 mm	D1 mm	D2 mm	E1 mm	E2 mm	L1 mm	L2 mm	AF mm	AF1 mm	AF2 mm
K- 07 40 53 92	20 - 20 - 20 mm	31,5	31,5	48,0	22,5	20,0	20	34,5	34,5	109,0	54,0	28	30	30
K- 07 40 53 93	25 - 20 - 25 mm	38,0	31,5	45,5	27,5	25,0	20	42,5	34,5	121,5	59,0	35	35	30
K- 07 40 53 94	32 - 20 - 32 mm	46,0	31,5	54,5	31,5	32,0	20	52,0	34,5	146,5	63,0	45	45	30
K- 07 40 53 95	32 - 25 - 32 mm	46,0	38,0	54,5	31,5	32,0	25	52,0	42,5	146,5	70,0	45	45	35
K- 07 40 53 96	40 - 20 - 40 mm	52,5	31,5	60,0	34,5	40,0	20	63,0	34,5	165,5	66,0	55	55	30
K- 07 40 53 97	40 - 25 - 40 mm	52,5	38,0	60,0	34,5	40,0	25	63,0	42,5	165,5	73,0	55	55	35
K- 07 40 53 98	50 - 20 - 50 mm	63,5	31,5	73,5	41,5	50,0	20	73,0	34,5	201,0	73,0	65	65	30
K- 07 40 53 99	50 - 25 - 50 mm	63,5	38,5	73,5	41,0	50,0	25	73,0	42,5	201,0	80,0	65	65	35
K- 07 40 54 00	50 - 32 - 50 mm	63,5	46,0	73,5	41,0	50,0	32	73,0	52,0	201,0	87,5	65	65	45

 Web: <http://cat.hansa-flex.com/en/KTSTECKVBSCHANH2063INFI>
**K-2-BK V DURCHG INFI**

2/2-way ball valve Ø 20 mm - Ø 63 mm full bore

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Aluminium  
**O-ring:** NBR  
**Locking ring:** Technopolymer

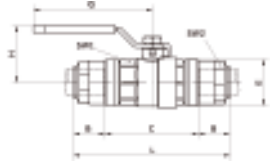


Identification	External pipe Ø	B mm	C mm	DN	E mm	G mm	H mm	L mm	AF1 mm	AF2 mm
K- 07 40 55 05	63 mm	57,5	38,0	59	94,0	240	111,5	232,0	89	75

 Web: <http://cat.hansa-flex.com/en/K2BKVDURCHGINFI>

### K-2-BK V DURCHG 20-63 INFI

2/2-way ball valve Ø 20 mm - Ø 63 mm full bore



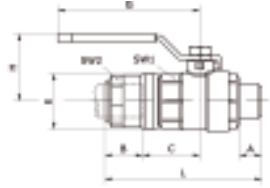
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	B mm	C mm	DN	E mm	G mm	H mm	L mm	AF1 mm	AF2 mm
K-07 40 54 36	20 mm	31,5	58,5	17	34,5	88	42,0	121,5	32	30
K-07 40 54 37	25 mm	38,5	61,5	22	42,5	106	47,5	138,5	41	35
K-07 40 54 38	32 mm	46,0	75,0	29	52,0	106	53,0	167,0	50	45
K-07 40 54 39	40 mm	52,5	81,0	37	63,0	134	65,0	186,0	59	55
K-07 40 54 40	50 mm	63,5	103,0	46	73,0	134	72,5	230,0	69	65

**Web:** <http://cat.hansa-flex.com/en/K2BKVDURCHG2063INFI>

### K-2-BK AG 20-63 INFI

2/2-way ball valve Ø 20 mm - Ø 63 mm with external thread



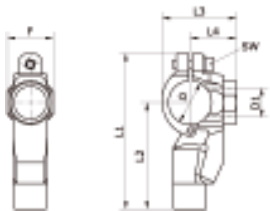
**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Seal:** NBR  
**Housing:** Nickel-plated brass  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Nickel-plated brass  
**O-ring:** NBR  
**Locking ring:** Technopolymer

Identification	External pipe Ø	Connection	A mm	B mm	C mm	DN	E mm	G mm	H mm	L mm	AF1 mm	AF2 mm
K-07 40 54 42	20 mm	R 1/2	18,0	31,5	29,3	15	34,5	88	42,0	100,8	32	30
K-07 40 54 43	25 mm	R 3/4	18,0	38,5	30,8	20	42,5	106	47,5	119,3	41	35

**Web:** <http://cat.hansa-flex.com/en/K2BKAG2063INFI>

### K-BOHRVORRICHTUNG 20-63 INFI

Drilling device for quick assembly Ø 20 mm – Ø 63 mm



**Material:** Nickel-plated brass

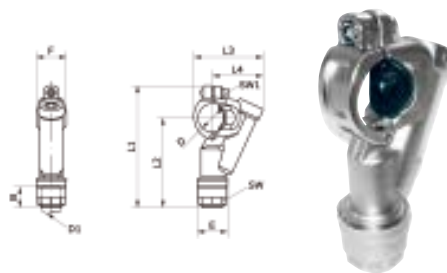
Identification	External pipe Ø	D mm	D1 mm	F mm	L1 mm	L2 mm	L3 mm	L4 mm	AF mm
K-07 40 54 54	32 - 24,5 mm	32	24,5	34,0	115,0	79,0	56,0	35,0	5
K-07 40 54 55	40 - 24,5 mm	40	24,5	34,0	127,0	86,5	65,0	39,5	5
K-07 40 54 56	50 - 32 mm	50	32,0	42,5	146,0	97,0	79,0	47,5	6
K-07 40 54 57	63 - 32 mm	63	32,0	42,5	163,5	108,5	93,0	55,0	6

**Web:** <http://cat.hansa-flex.com/en/KBOHRVORRICHTUNG2063INFI>

### K-SCHNELLFLAN 20-63 INFI

Quick assembly Ø 20 mm – Ø 63 mm

**Installation position:** horizontally, vertically  
**Operating principle:** Installation of a new connector without opening the pipe system  
**Material:** Nickel-plated brass



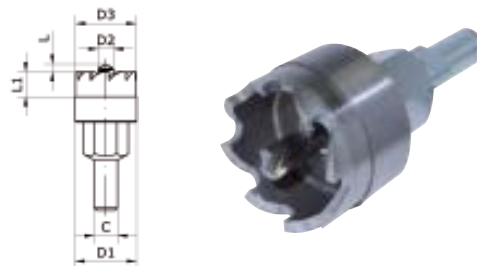
Identification	External pipe Ø	B mm	D mm	D1 mm	E mm	F mm	L1 mm	L2 mm	L3 mm	L4 mm	AF mm	AF1 mm
K-07 40 54 44	32 - 20 mm	31,5	32	20,0	34,5	34,0	136,5	100,5	78,0	57,0	30	5
K-07 40 54 45	32 - 25 mm	38,5	32	25,0	42,5	34,0	144,5	108,5	78,0	57,0	35	5
K-07 40 54 46	40 - 20 mm	31,5	40	20,0	34,5	34,0	148,5	108,0	89,5	64,0	30	5
K-07 40 54 47	40 - 25 mm	38,5	40	25,0	42,5	34,0	156,5	116,0	89,5	64,0	35	5
K-07 40 54 48	50 - 20 mm	31,5	50	20,0	34,5	42,5	167,5	118,5	105,5	74,0	30	6
K-07 40 54 49	50 - 25 mm	38,5	50	25,0	42,5	42,5	175,5	126,5	105,5	74,0	35	6
K-07 40 54 50	63 - 20 mm	31,5	63	20,0	34,5	42,5	185,0	130,0	119,0	81,0	30	6
K-07 40 54 51	63 - 25 mm	38,5	63	25,0	42,5	42,5	193,0	138,0	119,0	81,0	35	6

**Web:** <http://cat.hansa-flex.com/en/KSCHNELLFLAN2063INFI>

### K-KRONENBOHR SCHN-FLAN 20-63 INFI

Core drill for quick assembly Ø 20 mm – Ø 63 mm

**Material:** (HSS) Steel



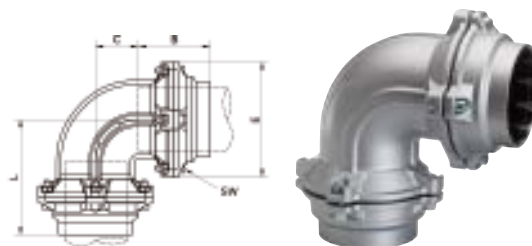
Identification	for external pipe Ø mm	C mm	D1 mm	D2 mm	D3 mm	L mm	L1 mm
K-07 40 54 52	32, 40	9,0	24,0	6	23,5	3,0	10,0
K-07 40 54 53	50, 63	9,0	31,0	6	30,5	3,0	9,0

**Web:** <http://cat.hansa-flex.com/en/KKRONENBOHRSCHNFLAN2063INFI>

### K-W90 STECK VB 80-100 INFI

90°-elbow push-in connector Ø 80 mm/Ø 110 mm

**Media:** Compressed air, vacuum, inert gases  
**Operating pressure:** -0,99 bar - 15 bar  
**Temp. range:** -20 °C to +80 °C  
**Guide ring:** Technopolymer  
**Housing:** Aluminium, treated surface  
**Clamp ring:** Stainless steel 1.4301  
**Nut:** Aluminium, surface treated  
**O-ring:** NBR  
**Self-locking nut:** Galvanised steel  
**Locking ring:** Technopolymer

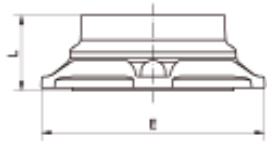


Identification	External pipe Ø	B mm	C mm	E mm	L mm	AF mm
K-07 40 55 15	80 - 80 mm	91,0	54,5	145,0	146,0	6
K-07 40 54 66	110 - 110 mm	125,5	75,0	200,0	200,5	8

**Web:** <http://cat.hansa-flex.com/en/KW90STECKVB80100INFI>

### K-VSK 80-100 INFI

Sealing cap Ø 80 mm/Ø 110 mm



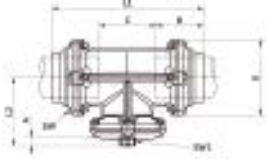
<b>Media:</b>	Compressed air, vacuum, inert gases
<b>Operating pressure:</b>	-0,99 bar - 15 bar
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Guide ring:</b>	Technopolymer
<b>Housing:</b>	Aluminium, treated surface
<b>Clamp ring:</b>	Stainless steel 1.4301
<b>Nut:</b>	Aluminium, surface treated
<b>O-ring:</b>	NBR
<b>Self-locking nut:</b>	Galvanised steel
<b>Locking ring:</b>	Technopolymer

Identification	for external pipe Ø mm	E mm	L mm
K-07 40 55 22	80	145,0	49,5
K-07 40 54 61	110	200,0	68,0

**Web:** <http://cat.hansa-flex.com/en/KVSK80100INFI>

### K-T-STECK VB 80-100 SCHANH RED INFI

T-push-in connector Ø 80 mm/Ø 110 mm with integrated gooseneck and reduced outlet with female thread



<b>Media:</b>	Compressed air, vacuum, inert gases
<b>Operating pressure:</b>	-0,99 bar - 15 bar
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Guide ring:</b>	Technopolymer
<b>Housing:</b>	Aluminium, treated surface
<b>Allen screw:</b>	Galvanised steel
<b>Clamp ring:</b>	Stainless steel 1.4301
<b>Nut:</b>	Aluminium, surface treated
<b>O-ring:</b>	NBR
<b>Self-locking nut:</b>	Galvanised steel
<b>Locking ring:</b>	Technopolymer

Identification	External pipe Ø	Connection	A mm	B mm	C mm	E mm	L1 mm	L2 mm	AF mm	AF1 mm
K-07 40 55 17	80 - 80 mm	G 3/4	14,5	91,0	109,0	145,0	291,5	138,0	6	42
K-07 40 55 18	80 - 80 mm	G 1	17,0	91,0	109,0	145,0	291,5	138,0	6	49
K-07 40 55 19	80 - 80 mm	G 1 1/2	20,0	91,0	109,0	145,0	291,5	138,0	6	66
K-07 40 55 20	80 - 80 mm	G 2	22,0	91,0	109,0	145,0	291,5	138,0	6	80
K-07 40 54 69	110 - 110 mm	G 3/4	14,5	125,5	150,5	200,0	401,0	180,0	8	42
K-07 40 54 70	110 - 110 mm	G 1	17,0	125,5	150,5	200,0	401,0	180,0	8	49
K-07 40 54 71	110 - 110 mm	G 1 1/2	20,0	125,5	150,5	200,0	401,0	180,0	8	66
K-07 40 54 72	110 - 110 mm	G 2	22,0	125,5	150,5	200,0	401,0	180,0	8	80

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB80100SCHANHREDINFI>

**K-T-STECK VB 80-100 RED ABG INFI**

T-push-in connector Ø 80 mm/Ø 110 mm with reduced outlet and female thread

<b>Media:</b>	Compressed air, vacuum, inert gases
<b>Operating pressure:</b>	-0,99 bar - 15 bar
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Guide ring:</b>	Technopolymer
<b>Housing:</b>	Aluminium, treated surface
<b>Allen screw:</b>	Galvanised steel
<b>Clamp ring:</b>	Stainless steel 1.4301
<b>Nut:</b>	Aluminium, surface treated
<b>O-ring:</b>	NBR
<b>Self-locking nut:</b>	Galvanised steel
<b>Locking ring:</b>	Technopolymer

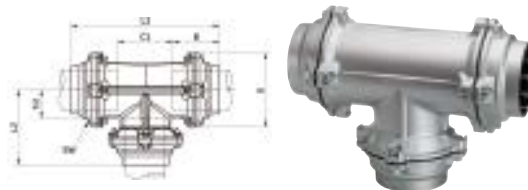


Identification	External pipe Ø	Connection	A mm	B mm	C mm	E mm	L1 mm	L2 mm	AF mm	AF1 mm
K-07 40 55 21	80 - 80 mm	G 3/4	14,5	91,0	109,0	145,0	291,5	138,0	6	42
K-07 40 54 68	110 - 110 mm	G 3/4	14,5	125,5	150,5	200,0	401,0	180,0	8	42

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB80100REDABGINFI>
**K-T-STECK VB 80-100 INFI**

T-push-in connector Ø 80 mm/Ø 110 mm

<b>Media:</b>	Compressed air, vacuum, inert gases
<b>Operating pressure:</b>	-0,99 bar - 15 bar
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Guide ring:</b>	Technopolymer
<b>Housing:</b>	Aluminium, treated surface
<b>Allen screw:</b>	Galvanised steel
<b>Clamp ring:</b>	Stainless steel 1.4301
<b>Nut:</b>	Aluminium, surface treated
<b>O-ring:</b>	NBR
<b>Self-locking nut:</b>	Galvanised steel
<b>Locking ring:</b>	Technopolymer



Identification	External pipe Ø	B mm	C1 mm	C2 mm	E mm	L1 mm	L2 mm	AF mm
K-07 40 55 16	80 - 80 - 80 mm	91,0	109,0	54,5	145,0	291,5	138,0	6
K-07 40 54 67	110 - 110 - 110 mm	125,5	150,5	75,0	200,0	401,0	200,5	8

**Web:** <http://cat.hansa-flex.com/en/KTSTECKVB80100INFI>
**K-RED FLANSCH 80-100 IG INFI**

Reducing flange Ø 80 mm/Ø 110 mm with female thread

<b>Media:</b>	Compressed air, vacuum, inert gases
<b>Operating pressure:</b>	-0,99 bar - 15 bar
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Guide ring:</b>	Technopolymer
<b>Housing:</b>	Aluminium, treated surface
<b>Allen screw:</b>	Galvanised steel
<b>Clamp ring:</b>	Stainless steel 1.4301
<b>Nut:</b>	Aluminium, surface treated
<b>O-ring:</b>	NBR
<b>Self-locking nut:</b>	Galvanised steel
<b>Locking ring:</b>	Technopolymer



Identification	Connection	for external pipe Ø mm	A mm	L mm	AF mm
K-07 40 55 23	G 3/4	80	14,5	42,0	42
K-07 40 55 24	G 1	80	17,0	42,0	49
K-07 40 55 25	G 1 1/2	80	20,0	42,0	66
K-07 40 55 26	G 2	80	22,0	42,0	80

**K-RED FLANSCH 80-100 IG INFI**

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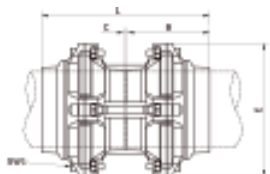
Reducing flange Ø 80 mm/Ø 110 mm with female thread

Identification	Connection	for external pipe Ø mm	A mm	L mm	AF mm
K-07 40 54 73	G 3/4	110	14,5	48,0	42
K-07 40 54 74	G 1	110	17,0	48,0	49
K-07 40 54 75	G 1 1/2	110	20,0	48,0	66
K-07 40 54 76	G 2	110	22,0	48,0	80

Web: <http://cat.hansa-flex.com/en/KREDFLANSCH80100IGINFI>

**K-G-STECK VB 80-100 INFI**

Straight push-in connector Ø 80 mm/Ø 110 mm



- Media:** Compressed air, vacuum, inert gases
- Operating pressure:** -0,99 bar - 15 bar
- Temp. range:** -20 °C to +80 °C
- Guide ring:** Technopolymer
- Housing:** Aluminium, treated surface
- Allen screw:** Galvanised steel
- Clamp ring:** Stainless steel 1.4301
- Nut:** Aluminium, surface treated
- O-ring:** NBR
- Self-locking nut:** Galvanised steel
- Locking ring:** Technopolymer

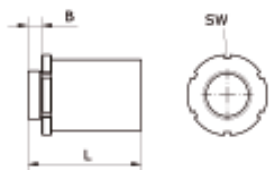
Identification	External pipe Ø	B mm	C mm	E mm	L mm	AF1 mm
K-07 40 55 14	80 - 80 mm	91,0	3,5	145,0	186,0	6
K-07 40 54 65	110 - 110 mm	125,5	4,0	200,0	255,0	8

Web: <http://cat.hansa-flex.com/en/KGSTECKVB80100IGINFI>

**K-EINBAU-ROHRSTUECK 80-100 INFI**

Mounting-pipe piece Ø 80 mm/Ø 110 mm with male thread to connect to the compressor

**Material:** Aluminium surface treated



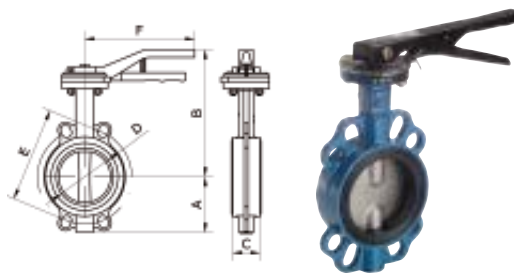
Identification	External pipe Ø	Connection	B mm	L mm	AF mm
K-07 40 55 13	80 mm	R 2 1/2	22,0	143,0	100
K-07 40 54 63	110 mm	R 2 1/2	22,0	178,0	125
K-07 40 54 64	110 mm	R 3	23,0	179,0	125

Web: <http://cat.hansa-flex.com/en/KEINBAUROHRSTUECK80100IGINFI>

### K-ZWFL ABSPRKL 80-100 INFI

Intermediate flange-butterfly valve Ø 80 mm/Ø 110 mm

**Material:** Cast-iron



Identification	for external pipe Ø mm	A mm	B mm	C mm	D mm	E mm	F mm
K- 07 40 55 27	80	87,0	216,0	46,0	77	160,0	210,0
K- 07 40 54 62	110	106,0	201,0	52,0	100	180,0	210,0

**Web:** <http://cat.hansa-flex.com/en/KZWFLABSPRKL80100INFI>

### K-ROHRFLANSCH ALU INFI

Pipe flange according to UNI EN 1092 - 4 PN 16 made of aluminium

**Material:** Aluminium surface treated

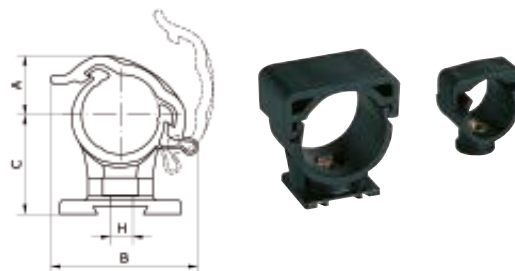


Identification	External pipe Ø	B mm	D1 mm	E mm	I mm	L mm
K- 07 40 55 11	80 mm	20,0	18,0	200,0	160,0	155,0
K- 07 40 54 58	110 mm	18,0	18,0	220,0	180,0	183,0

**Web:** <http://cat.hansa-flex.com/en/KROHRFLANSCHALUINFI>

### K-SRS TECHNOPOLYMER INFI

Pipe clip made of technopolymer

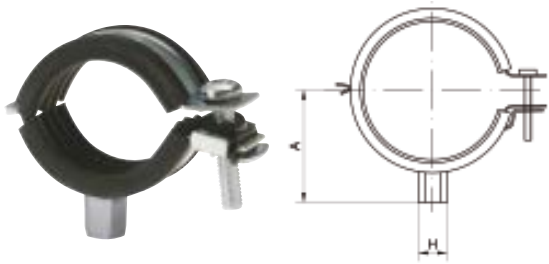


Identification	for external pipe Ø mm	A mm	B mm	C mm	H
K- 07 40 54 77	20	15,0	35,5	26,0	M 6
K- 07 40 54 78	25	17,0	39,5	26,0	M 6
K- 07 40 54 79	32	20,0	44,5	40,0	M 6
K- 07 40 54 80	40	24,5	53,5	40,0	M 6
K- 07 40 54 81	50	30,0	62,0	54,0	M 6
K- 07 40 54 82	63	36,0	73,5	54,0	M 6

**Web:** <http://cat.hansa-flex.com/en/KSRSTECHNOPOLYMERINFI>

### K-SRS STAHL INFI

Pipe clip made of steel



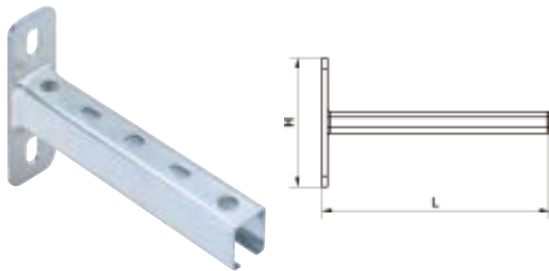
**Material:** Steel, Polypropylene

Identification	for external pipe Ø mm	A mm	H
K-07 40 54 83	20	28,5	M 8 / M 10
K-07 40 54 84	25	31,0	M 8 / M 10
K-07 40 54 85	32	34,5	M 8 / M 10
K-07 40 54 86	40	39,5	M 8 / M 10
K-07 40 54 87	50	44,0	M 8 / M 10
K-07 40 54 88	63	51,0	M 8 / M 10
K-07 40 55 28	80	71,0	M 8 / M 10
K-07 40 54 89	110	81,5	M 8 / M 10

**Web:** <http://cat.hansa-flex.com/en/KSRSSTAHLINFI>

### K-KONSOLE STAHL VS INFI

Console made of steel galvanized



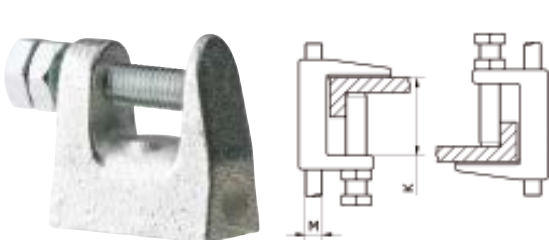
**Material:** Galvanised steel

Identification	H mm	L mm	Length m
K-07 40 54 90	120,0	280,0	0,280

**Web:** <http://cat.hansa-flex.com/en/KKONSOLESTAHLVSINFI>

### K-KLEMMBUEGEL IG

Clamp strap with female thread



**Material:** nickel plated iron

Identification	Thread	K mm
K-07 40 54 92	M 8	18

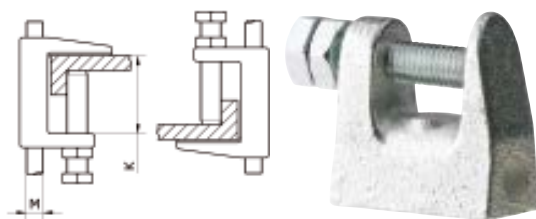
**Web:** <http://cat.hansa-flex.com/en/KKLEMMBUEGELIG>



### K-KLEMMBUEGEL

Clamp strap

**Material:** nickel plated iron



Identification	K mm	Ø mm
K- 07 40 54 91	18	9,0

**Web:** <http://cat.hansa-flex.com/en/KKLEMMBUEGEL>

### K-ROHRSCHEIDER

Pipe cutter

**Material:** iron



Identification	for external pipe Ø mm
K- 07 40 54 93	20, 25, 32, 40, 50, 63
K- 07 40 54 94	50, 63, 110

**Web:** <http://cat.hansa-flex.com/en/KROHRSCHEIDER>

### K-ROHRFLANSCH DICHT INFI

Seal for pipe flange

**Material:** NBR, Carbon fiber



Identification	for external pipe Ø mm	D1 mm	D2 mm	S mm
K- 07 40 55 12	80	89,0	131	2
K- 07 40 54 59	110	105,0	162	2

**Web:** <http://cat.hansa-flex.com/en/KROHRFLANSCHDICHTINFI>

## K-FLANSCHKIT INFI

### Flange kit

**Included in scope of supply:** 8 screws, 8 nuts, 8 rings  
**Material:** Steel



Identification	Thread	Length mm
K-07 40 54 60	M 16	65

**Web:** <http://cat.hansa-flex.com/en/KFLANSCHKITINFI>





## Pressure and temperature measurement

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## K-RMM U KUNSTSTOFF

Standard pressure gauges (pastic housing / connection radial on bottom)



<b>Type:</b>	111.10
<b>Design:</b>	Bourdon-tube pressure gauge in standard design
<b>Applications:</b>	gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1.6 (Art. No. K-07200454: 2.5)
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Plastic
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Transparent plastic

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 04 47	-1 / 0.0 bar	40,0	G 1/8	K-07 20 05 53	0 - 1.6 bar	50,0	G 1/4
K-07 20 04 48	0 - 1.6 bar	40,0	G 1/8	K-07 20 05 54	0 - 2.5 bar	50,0	G 1/4
K-07 20 04 49	0 - 2.5 bar	40,0	G 1/8	K-07 20 05 55	0 - 4.0 bar	50,0	G 1/4
K-07 20 04 50	0 - 4.0 bar	40,0	G 1/8	K-07 20 05 56	0 - 6.0 bar	50,0	G 1/4
K-07 20 04 51	0 - 6.0 bar	40,0	G 1/8	K-07 20 05 57	0 - 10.0 bar	50,0	G 1/4
K-07 20 04 52	0 - 10.0 bar	40,0	G 1/8	K-07 20 05 58	0 - 16.0 bar	50,0	G 1/4
K-07 20 04 53	0 - 16.0 bar	40,0	G 1/8	K-07 20 05 59	0 - 25.0 bar	50,0	G 1/4
K-07 20 04 54	0 - 25.0 bar	40,0	G 1/8	K-07 20 05 60	0 - 40.0 bar	50,0	G 1/4
K-07 20 04 55	0 - 40.0 bar	40,0	G 1/8	K-07 20 05 61	0 - 100.0 bar	50,0	G 1/4
K-07 20 05 51	-1 / 0.0 bar	50,0	G 1/4	K-07 20 05 62	0 - 160.0 bar	50,0	G 1/4
K-07 20 05 52	0 - 1.0 bar	50,0	G 1/4	K-07 20 05 63	0 - 60.0 bar	50,0	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KRMMUKUNSTSTOFF>

## K-RMM H KUNSTSTOFF

Standard pressure gauges (with plastic housing / connection on rear, central)



<b>Type:</b>	111.12
<b>Design:</b>	Bourdon-tube pressure gauge in standard design
<b>Applications:</b>	gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Plastic
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Transparent plastic

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 04 56	-1 / 0.0 bar	40,0	G 1/8	K-07 20 05 66	0 - 1.6 bar	50,0	G 1/4
K-07 20 04 57	0 - 1.6 bar	40,0	G 1/8	K-07 20 05 67	0 - 2.5 bar	50,0	G 1/4
K-07 20 04 58	0 - 2.5 bar	40,0	G 1/8	K-07 20 05 68	0 - 4.0 bar	50,0	G 1/4
K-07 20 04 59	0 - 4.0 bar	40,0	G 1/8	K-07 20 05 69	0 - 6.0 bar	50,0	G 1/4
K-07 20 04 60	0 - 6.0 bar	40,0	G 1/8	K-07 20 05 70	0 - 10.0 bar	50,0	G 1/4
K-07 20 04 61	0 - 10.0 bar	40,0	G 1/8	K-07 20 05 71	0 - 16.0 bar	50,0	G 1/4
K-07 20 04 62	0 - 16.0 bar	40,0	G 1/8	K-07 20 05 72	0 - 25.0 bar	50,0	G 1/4
K-07 20 04 63	0 - 25.0 bar	40,0	G 1/8	K-07 20 05 73	0 - 40.0 bar	50,0	G 1/4
K-07 20 04 64	0 - 40.0 bar	40,0	G 1/8	K-07 20 05 75	0 - 60.0 bar	50,0	G 1/4
K-07 20 05 64	-1 / 0.0 bar	50,0	G 1/4	K-07 20 05 74	0 - 100.0 bar	50,0	G 1/4
K-07 20 05 65	0 - 1.0 bar	50,0	G 1/4				

**Web:** <http://cat.hansa-flex.com/en/KRMMHKUNSTSTOFF>

## K-RMM U STAHL

### Standard pressure gauges (sheet steel housing / connection radial on bottom)

<b>Type:</b>	111.10
<b>Design:</b>	Bourdon-tube pressure gauge in standard design
<b>Applications:</b>	gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1.6 (Art. No. K-07200581: 2.5)
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Sheet steel
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Transparent plastic
<b>Note:</b>	Further information on request



Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 04 65	-1 / 0.0 bar	40,0	G 1/8	K-07 20 05 78	0 - 1.6 bar	50,0	G 1/4
K-07 20 04 66	0 - 1.6 bar	40,0	G 1/8	K-07 20 05 79	0 - 2.5 bar	50,0	G 1/4
K-07 20 04 67	0 - 2.5 bar	40,0	G 1/8	K-07 20 05 80	0 - 4.0 bar	50,0	G 1/4
K-07 20 04 68	0 - 4.0 bar	40,0	G 1/8	K-07 20 05 81	0 - 6.0 bar	50,0	G 1/4
K-07 20 04 69	0 - 6.0 bar	40,0	G 1/8	K-07 20 05 82	0 - 10.0 bar	50,0	G 1/4
K-07 20 04 70	0 - 10.0 bar	40,0	G 1/8	K-07 20 05 83	0 - 16.0 bar	50,0	G 1/4
K-07 20 04 71	0 - 16.0 bar	40,0	G 1/8	K-07 20 05 84	0 - 25.0 bar	50,0	G 1/4
K-07 20 04 72	0 - 25.0 bar	40,0	G 1/8	K-07 20 05 85	0 - 40.0 bar	50,0	G 1/4
K-07 20 04 73	0 - 40.0 bar	40,0	G 1/8	K-07 20 05 86	0 - 60.0 bar	50,0	G 1/4
K-07 20 05 76	-1 / 0.0 bar	50,0	G 1/4	K-07 20 05 87	0 - 100.0 bar	50,0	G 1/4
K-07 20 05 77	0 - 1.0 bar	50,0	G 1/4	K-07 20 05 88	0 - 160.0 bar	50,0	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KRMMUSTAHL>

## K-RMM H STAHL

### Standard pressure gauges (sheet steel housing / connection on rear, central)

<b>Type:</b>	111.12
<b>Design:</b>	Bourdon-tube pressure gauge in standard design
<b>Applications:</b>	gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1.6 (Art. No. K-07200599, K-07200600: 2.5)
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Sheet steel
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Transparent plastic
<b>Note:</b>	Further information on request



Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 04 74	-1 / 0.0 bar	40,0	G 1/8	K-07 20 05 91	0 - 1.6 bar	50,0	G 1/4
K-07 20 04 75	0 - 1.6 bar	40,0	G 1/8	K-07 20 05 92	0 - 2.5 bar	50,0	G 1/4
K-07 20 04 76	0 - 2.5 bar	40,0	G 1/8	K-07 20 05 93	0 - 4.0 bar	50,0	G 1/4
K-07 20 04 77	0 - 4.0 bar	40,0	G 1/8	K-07 20 05 94	0 - 6.0 bar	50,0	G 1/4
K-07 20 04 78	0 - 6.0 bar	40,0	G 1/8	K-07 20 05 95	0 - 10.0 bar	50,0	G 1/4
K-07 20 04 79	0 - 10.0 bar	40,0	G 1/8	K-07 20 05 96	0 - 16.0 bar	50,0	G 1/4
K-07 20 04 80	0 - 16.0 bar	40,0	G 1/8	K-07 20 05 98	0 - 40.0 bar	50,0	G 1/4
K-07 20 04 81	0 - 25.0 bar	40,0	G 1/8	K-07 20 05 97	0 - 25.0 bar	50,0	G 1/4
K-07 20 04 82	0 - 40.0 bar	40,0	G 1/8	K-07 20 05 99	0 - 60.0 bar	50,0	G 1/4
K-07 20 05 89	-1 / 0.0 bar	50,0	G 1/4	K-07 20 06 00	0 - 100.0 bar	50,0	G 1/4
K-07 20 05 90	0 - 1.0 bar	50,0	G 1/4	K-07 20 11 84	0 - 1.0 bar	40,0	G 1/8

**Web:** <http://cat.hansa-flex.com/en/KRMMHSTAHL>

## K-RMM HFR STAHLBLECH CR

Standard pressure gauges with chrome-plated sheet-steel bezel, connection on rear



<b>Type:</b>	111.12
<b>Design:</b>	Bourdon-tube pressure gauge, standard design, mounting ring
<b>Applications:</b>	gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Sheet steel
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Transparent plastic

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 04 37	-1 / 0.0 bar	40,0	G 1/8	K-07 20 05 41	-1 / 0.0 bar	50,0	G 1/4
K-07 20 04 38	0 - 1,0 bar	40,0	G 1/8	K-07 20 05 42	0 - 1,0 bar	50,0	G 1/4
K-07 20 04 39	0 - 1.6 bar	40,0	G 1/8	K-07 20 05 43	0 - 1.6 bar	50,0	G 1/4
K-07 20 04 40	0 - 2.5 bar	40,0	G 1/8	K-07 20 05 44	0 - 2.5 bar	50,0	G 1/4
K-07 20 04 41	0 - 4.0 bar	40,0	G 1/8	K-07 20 05 45	0 - 4.0 bar	50,0	G 1/4
K-07 20 04 42	0 - 6.0 bar	40,0	G 1/8	K-07 20 05 46	0 - 6.0 bar	50,0	G 1/4
K-07 20 04 43	0 - 10.0 bar	40,0	G 1/8	K-07 20 05 47	0 - 10.0 bar	50,0	G 1/4
K-07 20 04 44	0 - 16.0 bar	40,0	G 1/8	K-07 20 05 48	0 - 16.0 bar	50,0	G 1/4
K-07 20 04 45	0 - 25.0 bar	40,0	G 1/8	K-07 20 05 49	0 - 25.0 bar	50,0	G 1/4
K-07 20 04 46	0 - 40.0 bar	40,0	G 1/8	K-07 20 05 50	0 - 40.0 bar	50,0	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KRMMHFRSTAHLBLECHCR>

## K-RMM HFR STAHLBLECH SCHW

Standard pressure gauges with black sheet-steel bezel, connection on rear



<b>Type:</b>	111.12
<b>Design:</b>	Bourdon-tube pressure gauge, standard design, mounting ring, Chromium plated sheet steel, Steel chrome plated or black or with triangular bezel
<b>Applications:</b>	gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Sheet steel
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Transparent plastic

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 04 27	-1 / 0.0 bar	40,0	G 1/8	K-07 20 05 31	0 - 1,0 bar	50,0	G 1/4
K-07 20 04 28	0 - 1,0 bar	40,0	G 1/8	K-07 20 05 32	0 - 1.6 bar	50,0	G 1/4
K-07 20 04 29	0 - 1.6 bar	40,0	G 1/8	K-07 20 05 33	0 - 2.5 bar	50,0	G 1/4
K-07 20 04 30	0 - 2.5 bar	40,0	G 1/8	K-07 20 05 34	0 - 4.0 bar	50,0	G 1/4
K-07 20 04 31	0 - 4.0 bar	40,0	G 1/8	K-07 20 05 35	0 - 6.0 bar	50,0	G 1/4
K-07 20 04 32	0 - 6.0 bar	40,0	G 1/8	K-07 20 05 36	0 - 10.0 bar	50,0	G 1/4
K-07 20 04 33	0 - 10.0 bar	40,0	G 1/8	K-07 20 05 37	0 - 16.0 bar	50,0	G 1/4
K-07 20 04 34	0 - 16.0 bar	40,0	G 1/8	K-07 20 05 38	0 - 25.0 bar	50,0	G 1/4
K-07 20 04 35	0 - 25.0 bar	40,0	G 1/8	K-07 20 05 39	0 - 40.0 bar	50,0	G 1/4
K-07 20 04 36	0 - 40.0 bar	40,0	G 1/8	K-07 20 05 40	0 - 60.0 bar	50,0	G 1/4
K-07 20 05 30	-1 / 0.0 bar	50,0	G 1/4				

**Web:** <http://cat.hansa-flex.com/en/KRMMHFRSTAHLBLECHSCHW>



### K-RMM HKR STAHL

Standard pressure gauges with 3-hole bezel, chrome-plated steel, dual scale in bar/psi and clamp fixing, connection on rear

- Type:** 111.12  
**Design:** Bourdon-tube pressure gauge, standard design, mounting ring, Chromium plated sheet steel, Steel chrome plated or black or with triangular bezel  
**Applications:** gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise  
**Accuracy class:** 2,5  
**Media temperature:** max. +60 °C  
**Ambient temperature:** -20 °C to +60 °C  
**Housing:** Sheet steel  
**Measuring element and movement:** Copper alloy  
**Inspection glass:** Transparent plastic  
**Note:** Further information on request



Identification	Measuring range	Ø mm	Connection
K- 07 20 04 04	-1 / 0.0 bar	40,0	G 1/8
K- 07 20 04 05	0 - 1,0 bar	40,0	G 1/8
K- 07 20 04 06	0 - 1.6 bar	40,0	G 1/8
K- 07 20 04 07	0 - 2.5 bar	40,0	G 1/8
K- 07 20 04 08	0 - 4.0 bar	40,0	G 1/8
K- 07 20 04 09	0 - 6.0 bar	40,0	G 1/8
K- 07 20 04 10	0 - 10.0 bar	40,0	G 1/8
K- 07 20 04 11	0 - 16.0 bar	40,0	G 1/8
K- 07 20 04 12	0 - 25.0 bar	40,0	G 1/8

**Web:** <http://cat.hansa-flex.com/en/KRMMHKRSTAHL>

### K-RMM U KUNSTSTOFF MZ

Standard pressure gauges, connection radial on bottom

- Type:** 111.10 (radial connector on bottom)  
**Design:** Bourdon-tube pressure gauge in standard design  
**Applications:** gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise  
**Accuracy class:** 1.6 (Art No. K-07200303, K-07403298 - K-07201188: 2.5)  
**Reference pointer:** (for Ø 160 mm - red pointer on the scale), red pointer to the window. For measuring ranges 0...0,6 bar bis 0...60 bar  
**Media temperature:** max. +60 °C  
**Ambient temperature:** -20 °C to +60 °C  
**Housing:** Plastic  
**Measuring element and movement:** Copper alloy  
**Inspection glass:** Transparent plastic  
**Note:** Further information on request



Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K- 07 20 03 03	-1200 / 0.0 mbar	100,0	G 1/2"	K- 07 20 02 87	0 - 2.5 bar	100,0	G 1/2"
K- 07 20 03 04	-1 / 0.0 bar	100,0	G 1/2"	K- 07 20 02 88	0 - 4.0 bar	100,0	G 1/2"
K- 07 20 03 05	-1 / +0.6 bar	100,0	G 1/2"	K- 07 20 02 89	0 - 6.0 bar	100,0	G 1/2"
K- 07 20 03 06	-1 / +1.5 bar	100,0	G 1/2"	K- 07 20 02 90	0 - 10.0 bar	100,0	G 1/2"
K- 07 20 03 07	-1 / +3.0 bar	100,0	G 1/2"	K- 07 20 02 91	0 - 16.0 bar	100,0	G 1/2"
K- 07 20 03 08	-1 / +5.0 bar	100,0	G 1/2"	K- 07 20 02 92	0 - 25.0 bar	100,0	G 1/2"
K- 07 20 03 09	-1 / +9.0 bar	100,0	G 1/2"	K- 07 20 02 93	0 - 40.0 bar	100,0	G 1/2"
K- 07 20 02 84	0 - 0.6 bar	100,0	G 1/2"	K- 07 20 11 86	0 - 60.0 bar	100,0	G 1/2"
K- 07 20 02 85	0 - 1.0 bar	100,0	G 1/2"	K- 07 20 11 87	0 - 100.0 bar	100,0	G 1/2"
K- 07 20 02 86	0 - 1.6 bar	100,0	G 1/2"	K- 07 20 11 88	0 - 160.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KRMMUKUNSTSTOFFMZ>

## K-MANO SCHW

### Pressure gauges for welding



<b>Type:</b>	111.11
<b>Design:</b>	Bourdon-tube pressure gauge acc. to EN 562
<b>Applications:</b>	For welding systems and cutting machines or similar processes
<b>Accuracy class:</b>	2,5
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-40 °C to +60 °C
<b>Housing:</b>	Steel, brass-coloured
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Polycarbonate

**Note:** Further information on request

Identification	Measuring range	Ø mm	Marking	Connection
K-07 20 11 08	0 - 16.0 bar	63,0	oxygen	G 1/4
K-07 20 11 10	0 - 315.0 bar	63,0	oxygen	G 1/4
K-07 20 11 12	0 - 2.5 bar	63,0	acetylene	G 1/4
K-07 20 11 13	0 - 40.0 bar	63,0	acetylene	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KMANOSCHW>

## K-MANO ROB H

### Robust pressure gauges, connection on rear, eccentric



<b>Type:</b>	212.20
<b>Design:</b>	Robust Bourdon-tube pressure gauge
<b>Applications:</b>	For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1,0
<b>Media temperature:</b>	max. +80 °C
<b>Ambient temperature:</b>	-40 °C to +60 °C
<b>Housing:</b>	CrNi steel
<b>Measuring element:</b>	Copper alloy (≤ 100 bar), CrNi steel (> 100 bar)
<b>Inspection glass:</b>	Flat instrument glass
<b>Movement:</b>	Copper alloy

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 01 67	-1 / 0.0 bar	100,0	G 1/2"
K-07 20 01 68	0 - 1.0 bar	100,0	G 1/2"
K-07 20 01 69	0 - 1.6 bar	100,0	G 1/2"
K-07 20 01 70	0 - 2.5 bar	100,0	G 1/2"
K-07 20 01 71	0 - 4.0 bar	100,0	G 1/2"
K-07 20 01 72	0 - 6.0 bar	100,0	G 1/2"
K-07 20 01 73	0 - 10.0 bar	100,0	G 1/2"
K-07 20 01 74	0 - 16.0 bar	100,0	G 1/2"
K-07 20 01 75	0 - 25.0 bar	100,0	G 1/2"
K-07 20 01 76	0 - 40.0 bar	100,0	G 1/2"
K-07 20 01 77	0 - 160.0 bar	100,0	G 1/2"
K-07 20 01 78	0 - 250.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KMANOROBH>

## K-MANO ROB U

### Robust pressure gauges, connection radial on bottom

- Type:** 212.20  
**Design:** Robust Bourdon-tube pressure gauge  
**Applications:** For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise  
**Accuracy class:** 1,0  
**Media temperature:** max. +80 °C  
**Ambient temperature:** -40 °C to +60 °C  
**Housing:** CrNi steel  
**Measuring element:** Copper alloy ( $\leq 100$  bar), CrNi steel ( $> 100$  bar)  
**Inspection glass:** Flat instrument glass  
**Movement:** Copper alloy  
**Note:** Further information on request



Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 01 44	-1 / 0.0 bar	100,0	G 1/2"	K-07 20 01 64	0 - 400.0 bar	100,0	G 1/2"
K-07 20 01 45	-1 / +1.5 bar	100,0	G 1/2"	K-07 20 01 65	0 - 600.0 bar	100,0	G 1/2"
K-07 20 01 46	-1 / +3.0 bar	100,0	G 1/2"	K-07 20 01 66	0 - 1000.0 bar	100,0	G 1/2"
K-07 20 01 47	-1 / +5.0 bar	100,0	G 1/2"	K-07 20 03 24	-1 / 0.0 bar	160,0	G 1/2"
K-07 20 01 48	-1 / +9.0 bar	100,0	G 1/2"	K-07 20 03 25	0 - 0.6 bar	160,0	G 1/2"
K-07 20 01 49	-1 / +15.0 bar	100,0	G 1/2"	K-07 20 03 26	0 - 1.0 bar	160,0	G 1/2"
K-07 20 01 50	0 - 0.6 bar	100,0	G 1/2"	K-07 20 03 27	0 - 1.6 bar	160,0	G 1/2"
K-07 20 01 51	0 - 1.0 bar	100,0	G 1/2"	K-07 20 03 28	0 - 2.5 bar	160,0	G 1/2"
K-07 20 01 52	0 - 1.6 bar	100,0	G 1/2"	K-07 20 03 29	0 - 4.0 bar	160,0	G 1/2"
K-07 20 01 53	0 - 2.5 bar	100,0	G 1/2"	K-07 20 03 30	0 - 6.0 bar	160,0	G 1/2"
K-07 20 01 54	0 - 4.0 bar	100,0	G 1/2"	K-07 20 03 31	0 - 10.0 bar	160,0	G 1/2"
K-07 20 01 55	0 - 6.0 bar	100,0	G 1/2"	K-07 20 03 32	0 - 16.0 bar	160,0	G 1/2"
K-07 20 01 56	0 - 10.0 bar	100,0	G 1/2"	K-07 20 03 33	0 - 25.0 bar	160,0	G 1/2"
K-07 20 01 57	0 - 16.0 bar	100,0	G 1/2"	K-07 20 03 34	0 - 40.0 bar	160,0	G 1/2"
K-07 20 01 58	0 - 25.0 bar	100,0	G 1/2"	K-07 20 03 35	0 - 60.0 bar	160,0	G 1/2"
K-07 20 01 59	0 - 40.0 bar	100,0	G 1/2"	K-07 20 03 36	0 - 100.0 bar	160,0	G 1/2"
K-07 20 01 60	0 - 60.0 bar	100,0	G 1/2"	K-07 20 03 37	0 - 160.0 bar	160,0	G 1/2"
K-07 20 01 61	0 - 100.0 bar	100,0	G 1/2"	K-07 20 03 38	0 - 250.0 bar	160,0	G 1/2"
K-07 20 01 62	0 - 160.0 bar	100,0	G 1/2"	K-07 20 03 39	0 - 400.0 bar	160,0	G 1/2"
K-07 20 01 63	0 - 250.0 bar	100,0	G 1/2"	K-07 20 03 40	0 - 600.0 bar	160,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KMANOROB U>

**K-GMM 2****Glycerine-filled pressure gauges, CrNi steel type**

<b>Type:</b>	233.30
<b>Design:</b>	Glycerine-filled Bourdon-tube pressure gauge, CrNi steel type, with solid baffle wall and blow-out (safety housing)
<b>Applications:</b>	For gaseous or liquid, corrosive and crystallising media which do not have high viscosity, also in corrosive atmosphere
<b>Accuracy class:</b>	1,6 (Ø 63 mm), 1,0 (Ø 100 mm)
<b>Media temperature:</b>	max. +100 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	CrNi steel
<b>Inspection glass:</b>	Laminated safety glass Ø 63 = Polycarbonate

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 07 03	-1 / 0.0 bar	63,0	G 1/4"	K-07 20 01 82	-1 / +5.0 bar	100,0	G 1/2"
K-07 20 07 04	0 - 4.0 bar	63,0	G 1/4"	K-07 20 01 83	-1 / +9.0 bar	100,0	G 1/2"
K-07 20 07 05	0 - 6.0 bar	63,0	G 1/4"	K-07 20 01 84	0 - 2.5 bar	100,0	G 1/2"
K-07 20 07 06	0 - 10.0 bar	63,0	G 1/4"	K-07 20 01 85	0 - 4.0 bar	100,0	G 1/2"
K-07 20 07 07	0 - 16.0 bar	63,0	G 1/4"	K-07 20 01 86	0 - 6.0 bar	100,0	G 1/2"
K-07 20 07 08	0 - 25.0 bar	63,0	G 1/4"	K-07 20 01 87	0 - 10.0 bar	100,0	G 1/2"
K-07 20 07 09	0 - 40.0 bar	63,0	G 1/4"	K-07 20 01 88	0 - 16.0 bar	100,0	G 1/2"
K-07 20 07 10	0 - 60.0 bar	63,0	G 1/4"	K-07 20 01 89	0 - 25.0 bar	100,0	G 1/2"
K-07 20 07 11	0 - 100.0 bar	63,0	G 1/4"	K-07 20 01 90	0 - 40.0 bar	100,0	G 1/2"
K-07 20 07 12	0 - 160.0 bar	63,0	G 1/4"	K-07 20 01 91	0 - 60.0 bar	100,0	G 1/2"
K-07 20 07 13	0 - 250.0 bar	63,0	G 1/4"	K-07 20 01 92	0 - 100.0 bar	100,0	G 1/2"
K-07 20 07 14	0 - 400.0 bar	63,0	G 1/4"	K-07 20 01 93	0 - 160.0 bar	100,0	G 1/2"
K-07 20 01 79	-1 / 0.0 bar	100,0	G 1/2"	K-07 20 01 94	0 - 250.0 bar	100,0	G 1/2"
K-07 20 01 80	-1 / +1.5 bar	100,0	G 1/2"	K-07 20 01 95	0 - 400.0 bar	100,0	G 1/2"
K-07 20 01 81	-1 / +3.0 bar	100,0	G 1/2"	K-07 20 01 96	0 - 600.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KGMM2>

## Glycerine-filled pressure gauges Glycerine-filled pressure gauges, CrNi steel type

For use in the chemical/petrochemical process industry, power stations, machinery and industrial plant engineering. For measuring points with high dynamic pressure loads and vibrations.

**Type:** 233.50

**Design:** Glycerine-filled bourdon-tube pressure gauge, CrNi steel type

**Applications:** For gaseous or liquid, corrosive and crystallising media which do not have high viscosity, also in corrosive atmosphere

**Accuracy class:** 1.6 (Ø 63 mm), 1.0 (Ø 100 mm and Ø 160 mm)

**Media temperature:** max. +100 °C

**Ambient temperature:** -20 °C to +60 °C

**Housing:** CrNi steel

**Inspection glass:** Laminated safety glass Ø 63 = Polycarbonate

**Note:** Further information on request



Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 11 93	-1 / 0.0 bar	63,0	G 1/4"	K-07 20 12 09	0 - 1.6 bar	100,0	G 1/2"
K-07 20 11 95	-1 / +0.6 bar	63,0	G 1/4"	K-07 20 12 11	0 - 2.5 bar	100,0	G 1/2"
K-07 20 11 97	-1 / +1.5 bar	63,0	G 1/4"	K-07 20 12 13	0 - 4.0 bar	100,0	G 1/2"
K-07 20 11 99	-1 / +3.0 bar	63,0	G 1/4"	K-07 20 12 15	0 - 6.0 bar	100,0	G 1/2"
K-07 20 12 01	-1 / +5.0 bar	63,0	G 1/4"	K-07 20 12 17	0 - 10.0 bar	100,0	G 1/2"
K-07 20 12 03	-1 / +9.0 bar	63,0	G 1/4"	K-07 20 12 19	0 - 16.0 bar	100,0	G 1/2"
K-07 20 12 05	-1 / +15.0 bar	63,0	G 1/4"	K-07 20 12 21	0 - 25.0 bar	100,0	G 1/2"
K-07 20 12 08	0 - 1.0 bar	63,0	G 1/4"	K-07 20 12 23	0 - 40.0 bar	100,0	G 1/2"
K-07 20 12 10	0 - 1.6 bar	63,0	G 1/4"	K-07 20 12 25	0 - 60.0 bar	100,0	G 1/2"
K-07 20 12 12	0 - 2.5 bar	63,0	G 1/4"	K-07 20 12 27	0 - 100.0 bar	100,0	G 1/2"
K-07 20 12 14	0 - 4.0 bar	63,0	G 1/4"	K-07 20 12 29	0 - 160.0 bar	100,0	G 1/2"
K-07 20 12 16	0 - 6.0 bar	63,0	G 1/4"	K-07 20 12 31	0 - 250.0 bar	100,0	G 1/2"
K-07 20 12 18	0 - 10.0 bar	63,0	G 1/4"	K-07 20 12 33	0 - 400.0 bar	100,0	G 1/2"
K-07 20 12 20	0 - 16.0 bar	63,0	G 1/4"	K-07 20 12 35	0 - 600.0 bar	100,0	G 1/2"
K-07 20 12 22	0 - 25.0 bar	63,0	G 1/4"	K-07 20 03 48	0 - 0.6 bar	160,0	G 1/2"
K-07 20 12 24	0 - 40.0 bar	63,0	G 1/4"	K-07 20 03 49	0 - 1.0 bar	160,0	G 1/2"
K-07 20 12 26	0 - 60.0 bar	63,0	G 1/4"	K-07 20 03 50	0 - 1.6 bar	160,0	G 1/2"
K-07 20 12 28	0 - 100.0 bar	63,0	G 1/4"	K-07 20 03 51	0 - 2.5 bar	160,0	G 1/2"
K-07 20 12 30	0 - 160.0 bar	63,0	G 1/4"	K-07 20 03 52	0 - 4.0 bar	160,0	G 1/2"
K-07 20 12 32	0 - 250.0 bar	63,0	G 1/4"	K-07 20 03 53	0 - 6.0 bar	160,0	G 1/2"
K-07 20 12 34	0 - 400.0 bar	63,0	G 1/4"	K-07 20 03 54	0 - 10.0 bar	160,0	G 1/2"
K-07 20 12 36	0 - 600.0 bar	63,0	G 1/4"	K-07 20 03 55	0 - 16.0 bar	160,0	G 1/2"
K-07 20 11 92	-1 / 0.0 bar	100,0	G 1/2"	K-07 20 03 56	0 - 25.0 bar	160,0	G 1/2"
K-07 20 11 94	-1 / +0.6 bar	100,0	G 1/2"	K-07 20 03 57	0 - 40.0 bar	160,0	G 1/2"
K-07 20 11 96	-1 / +1.5 bar	100,0	G 1/2"	K-07 20 03 58	0 - 60.0 bar	160,0	G 1/2"
K-07 20 11 98	-1 / +3.0 bar	100,0	G 1/2"	K-07 20 03 59	0 - 100.0 bar	160,0	G 1/2"
K-07 20 12 00	-1 / +5.0 bar	100,0	G 1/2"	K-07 20 03 60	0 - 160.0 bar	160,0	G 1/2"
K-07 20 12 02	-1 / +9.0 bar	100,0	G 1/2"	K-07 20 03 61	0 - 250.0 bar	160,0	G 1/2"
K-07 20 12 04	-1 / +15.0 bar	100,0	G 1/2"	K-07 20 03 62	0 - 400.0 bar	160,0	G 1/2"
K-07 20 12 06	0 - 0.6 bar	100,0	G 1/2"	K-07 20 03 63	0 - 600.0 bar	160,0	G 1/2"
K-07 20 12 07	0 - 1.0 bar	100,0	G 1/2"				

**Web:** <http://cat.hansa-flex.com/en/KGMM1>

## K-GMM KUNSTOFF UNTEN

### Glycerine-filled pressure gauges, connection radial on bottom



For measuring points with high dynamic pressure loads and vibrations

<b>Type:</b>	113.13
<b>Design:</b>	Glycerine-filled Bourdon-tube pressure gauge
<b>Applications:</b>	For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	2,5
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Plastic, black (with panel-mounting bezel) Clamp fixing (rear connection only) on request
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	PMMA, welded to housing

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 07 55	-1 / +0.6 bar	63,0	G 1/4"
K-07 20 07 56	-1 / +1.5 bar	63,0	G 1/4"
K-07 20 07 57	-1 / +3.0 bar	63,0	G 1/4"
K-07 20 07 58	-1 / +5.0 bar	63,0	G 1/4"
K-07 20 07 59	-1 / +9.0 bar	63,0	G 1/4"
K-07 20 07 60	-1 / 0.0 bar	63,0	G 1/4"
K-07 20 07 61	0 - 1,0 bar	63,0	G 1/4"
K-07 20 07 62	0 - 1.6 bar	63,0	G 1/4"
K-07 20 07 63	0 - 2.5 bar	63,0	G 1/4"

**Web:** <http://cat.hansa-flex.com/en/KGMMKUNSTOFFUNTEN>

## K-GMM U1

### Glycerine-filled pressure gauges, connection radial on bottom



For measuring points with high dynamic pressure loads and vibrations

<b>Type:</b>	213.40
<b>Design:</b>	Glycerine-filled Bourdon-tube pressure gauge
<b>Applications:</b>	For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1,6 (Ø 63 mm), 1,0 (Ø 100 mm)
<b>Media temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Crimp ring:</b>	CrNi steel
<b>Housing:</b>	Pressed brass
<b>Measuring element:</b>	Copper alloy (Ø 63), Copper alloy < 100 bar CrNi steel 1.4571 ≥ 100 bar (Ø 100)
<b>Inspection glass:</b>	Plexiglass
<b>Movement:</b>	Copper alloy

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 02 32	-1 / 0.0 bar	100,0	G 1/2"	K-07 20 02 44	0 - 6.0 bar	100,0	G 1/2"
K-07 20 02 33	-1 / +0.6 bar	100,0	G 1/2"	K-07 20 02 45	0 - 10.0 bar	100,0	G 1/2"
K-07 20 02 34	-1 / +1.5 bar	100,0	G 1/2"	K-07 20 02 46	0 - 16.0 bar	100,0	G 1/2"
K-07 20 02 35	-1 / +3.0 bar	100,0	G 1/2"	K-07 20 02 47	0 - 25.0 bar	100,0	G 1/2"
K-07 20 02 36	-1 / +5.0 bar	100,0	G 1/2"	K-07 20 02 48	0 - 40.0 bar	100,0	G 1/2"
K-07 20 02 37	-1 / +9.0 bar	100,0	G 1/2"	K-07 20 02 49	0 - 60.0 bar	100,0	G 1/2"
K-07 20 02 38	-1 / +15.0 bar	100,0	G 1/2"	K-07 20 02 50	0 - 100.0 bar	100,0	G 1/2"
K-07 20 02 39	0 - 0.6 bar	100,0	G 1/2"	K-07 20 02 51	0 - 160.0 bar	100,0	G 1/2"
K-07 20 02 40	0 - 1,0 bar	100,0	G 1/2"	K-07 20 02 52	0 - 250.0 bar	100,0	G 1/2"
K-07 20 02 41	0 - 1.6 bar	100,0	G 1/2"	K-07 20 02 53	0 - 400.0 bar	100,0	G 1/2"
K-07 20 02 42	0 - 2.5 bar	100,0	G 1/2"	K-07 20 02 54	0 - 600.0 bar	100,0	G 1/2"
K-07 20 02 43	0 - 4.0 bar	100,0	G 1/2"	K-07 20 02 55	0 - 1000.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KGMMU1>

## K-GMM H

### Glycerine-filled pressure gauges, connection on rear

For measuring points with high dynamic pressure loads and vibrations

- Type:** 213.40  
**Design:** Glycerine-filled Bourdon-tube pressure gauge  
**Applications:** For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise  
**Accuracy class:** 1,6 (Ø 63 mm), 1,0 (Ø 100 mm)  
**Media temperature:** max. +60 °C  
**Ambient temperature:** -20 °C to +60 °C  
**Crimp ring:** CrNi steel  
**Housing:** Pressed brass  
**Measuring element:** Copper alloy (Ø 63), Copper alloy < 100 bar  
 CrNi steel 1.4571 ≥ 100 bar (Ø 100)  
**Inspection glass:** Plexiglass  
**Movement:** Copper alloy



**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 02 56	-1 / 0.0 bar	100,0	G 1/2"	K-07 20 02 64	0 - 25.0 bar	100,0	G 1/2"
K-07 20 02 57	0 - 1.0 bar	100,0	G 1/2"	K-07 20 02 65	0 - 40.0 bar	100,0	G 1/2"
K-07 20 02 58	0 - 1.6 bar	100,0	G 1/2"	K-07 20 02 66	0 - 60.0 bar	100,0	G 1/2"
K-07 20 02 59	0 - 2.5 bar	100,0	G 1/2"	K-07 20 02 67	0 - 100.0 bar	100,0	G 1/2"
K-07 20 02 60	0 - 4.0 bar	100,0	G 1/2"	K-07 20 02 68	0 - 160.0 bar	100,0	G 1/2"
K-07 20 02 61	0 - 6.0 bar	100,0	G 1/2"	K-07 20 02 69	0 - 250.0 bar	100,0	G 1/2"
K-07 20 02 62	0 - 10.0 bar	100,0	G 1/2"	K-07 20 02 70	0 - 400.0 bar	100,0	G 1/2"
K-07 20 02 63	0 - 16.0 bar	100,0	G 1/2"	K-07 20 02 71	0 - 600.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KGMMH>

## K-KFMM U MBAR 10FACH UEBERLASTUNG

### Capsule-type pressure gauges for measuring pressure in millibars

Overpressure safety 10x FSD, with zero correction

- Type:** 611.10 (Ø 63), 612.20 (Ø 100)  
**Design:** Capsule-type pressure gauge  
**Applications:** For gaseous, dry, non-corrosive media  
**Accuracy class:** 1,6  
**Media temperature:** max. +100 °C  
**Ambient temperature:** -20 °C to +60 °C  
**Housing:** Steel, black (Ø 63 mm)CrNi steel (Ø 100 mm)  
**Measuring element and movement:** Copper alloy  
**Inspection glass:** Plexiglass



**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 06 83	0 - 40 mbar	63,0	G 1/4"
K-07 20 06 84	0 - 60 mbar	63,0	G 1/4"
K-07 20 06 85	0 - 100 mbar	63,0	G 1/4"
K-07 20 06 86	0 - 160 mbar	63,0	G 1/4"
K-07 20 06 87	0 - 250 mbar	63,0	G 1/4"
K-07 20 01 08	0 - 40 mbar	100,0	G 1/2"
K-07 20 01 09	0 - 60 mbar	100,0	G 1/2"
K-07 20 01 10	0 - 100 mbar	100,0	G 1/2"
K-07 20 01 11	0 - 160 mbar	100,0	G 1/2"
K-07 20 01 12	0 - 250 mbar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KKFMMUMBAR10FACHUEBERLASTUNG>

## K-KFMM U MBAR

Capsule-type pressure gauges, connection radial on bottom



With zero correction

<b>Type:</b>	611.10 (Ø 63), 612.20 (Ø 100)
<b>Design:</b>	Capsule-type pressure gauge
<b>Applications:</b>	For gaseous, dry, non-corrosive media
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +100 °C; max. +80 °C (at type Ø 100 mm, rear connector excentric)
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Steel, black (Ø 63 mm)CrNi steel (Ø 100 mm)
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Plexiglass (Ø 63 mm), flat instrument glass (Ø 100 mm)

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 06 88	-160 / 0 mbar	63,0	G 1/4"	K-07 20 01 15	-60 / 0 mbar	100,0	G 1/2"
K-07 20 06 89	-100 / 0 mbar	63,0	G 1/4"	K-07 20 01 16	-25 / +15 mbar	100,0	G 1/2"
K-07 20 06 90	-60 / 0 mbar	63,0	G 1/4"	K-07 20 01 17	-40 / +20 mbar	100,0	G 1/2"
K-07 20 06 91	0 - 40 mbar	63,0	G 1/4"	K-07 20 01 18	0 - 25 mbar	100,0	G 1/2"
K-07 20 06 92	0 - 60 mbar	63,0	G 1/4"	K-07 20 01 19	0 - 40 mbar	100,0	G 1/2"
K-07 20 06 93	0 - 100 mbar	63,0	G 1/4"	K-07 20 01 20	0 - 60 mbar	100,0	G 1/2"
K-07 20 06 94	0 - 160 mbar	63,0	G 1/4"	K-07 20 01 21	0 - 100 mbar	100,0	G 1/2"
K-07 20 06 95	0 - 250 mbar	63,0	G 1/4"	K-07 20 01 22	0 - 160 mbar	100,0	G 1/2"
K-07 20 06 96	0 - 400 mbar	63,0	G 1/4"	K-07 20 01 23	0 - 250 mbar	100,0	G 1/2"
K-07 20 01 13	-160 / 0 mbar	100,0	G 1/2"	K-07 20 01 24	0 - 400 mbar	100,0	G 1/2"
K-07 20 01 14	-100 / 0 mbar	100,0	G 1/2"				

**Web:** <http://cat.hansa-flex.com/en/KKFMMUMBAR>

## K-KFMM H MBAR

Capsule-type pressure gauges, connection on rear



With zero correction

<b>Type:</b>	611.10 (Ø 63), 612.20 (Ø 100)
<b>Design:</b>	Capsule-type pressure gauge
<b>Applications:</b>	For gaseous, dry, non-corrosive media
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +100 °C; max. +80 °C (at type Ø 100 mm, rear connector excentric)
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Housing:</b>	Steel, black (Ø 63 mm)CrNi steel (Ø 100 mm)
<b>Measuring element and movement:</b>	Copper alloy
<b>Inspection glass:</b>	Plexiglass (Ø 63 mm), flat instrument glass (Ø 100 mm)

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 06 97	0 - 40 mbar	63,0	G 1/4"
K-07 20 06 98	0 - 60 mbar	63,0	G 1/4"
K-07 20 06 99	0 - 100 mbar	63,0	G 1/4"
K-07 20 07 00	0 - 160 mbar	63,0	G 1/4"
K-07 20 07 01	0 - 250 mbar	63,0	G 1/4"
K-07 20 07 02	0 - 400 mbar	63,0	G 1/4"
K-07 20 01 25	0 - 25 mbar	100,0	G 1/2"
K-07 20 01 26	0 - 40 mbar	100,0	G 1/2"
K-07 20 01 27	0 - 60 mbar	100,0	G 1/2"
K-07 20 01 28	0 - 100 mbar	100,0	G 1/2"
K-07 20 01 29	0 - 160 mbar	100,0	G 1/2"
K-07 20 01 30	0 - 250 mbar	100,0	G 1/2"
K-07 20 01 31	0 - 400 mbar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KKFMMHMBAR>



## K-FEINMESSMANOMETER

### Precision pressure gauges

- Type:** 312.20  
**Design:** Bourdon-tube pressure gauge for precision measurements  
**Applications:** For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise  
**Accuracy class:** 0,6  
**Media temperature:** max. +80 °C  
**Ambient temperature:** -40 °C to +60 °C  
**Housing, ring:** CrNi steel  
**Measuring element:** Copper alloy (< 100 bar), CrNi steel (≥ 100 bar)  
**Inspection glass:** Flat instrument glass  
**Movement:** Copper alloy  
**Note:** Further information on request



Identification	Measuring range	Ø mm	Scale graduation	Connection	Identification	Measuring range	Ø mm	Scale graduation	Connection
K-07 20 10 70	-1 / +0.6 bar	160,0	0,010	G 1/2"	K-07 20 10 78	0 - 10.0 bar	160,0	0,050	G 1/2"
K-07 20 10 69	-1 / 0.0 bar	160,0	0,005	G 1/2"	K-07 20 10 79	0 - 16.0 bar	160,0	0,100	G 1/2"
K-07 20 10 71	-1 / +1.5 bar	160,0	0,020	G 1/2"	K-07 20 10 80	0 - 25.0 bar	160,0	0,200	G 1/2"
K-07 20 10 72	0 - 0.6 bar	160,0	0,005	G 1/2"	K-07 20 10 81	0 - 40.0 bar	160,0	0,200	G 1/2"
K-07 20 10 73	0 - 1.0 bar	160,0	0,005	G 1/2"	K-07 20 10 82	0 - 60.0 bar	160,0	0,500	G 1/2"
K-07 20 10 74	0 - 1.6 bar	160,0	0,010	G 1/2"	K-07 20 10 83	0 - 160.0 bar	160,0	1,000	G 1/2"
K-07 20 10 75	0 - 2.5 bar	160,0	0,020	G 1/2"	K-07 20 10 84	0 - 250.0 bar	160,0	2,000	G 1/2"
K-07 20 10 76	0 - 4.0 bar	160,0	0,020	G 1/2"	K-07 20 10 85	0 - 400.0 bar	160,0	2,000	G 1/2"
K-07 20 10 77	0 - 6.0 bar	160,0	0,050	G 1/2"					

**Web:** <http://cat.hansa-flex.com/en/KFEINMESSMANOMETER>

## K-MANO STAND U

### Pressure gauges, CrNi steel, standard type, connection radial on bottom

Standard model manufactured entirely from CrNi steel, economical and reliable.

- Type:** 131.11  
**Design:** Bourdon-tube pressure gauge, CrNi steel type  
**Applications:** For gaseous, liquid, corrosive and not crystallising media which do not have high viscosity, also in corrosive atmosphere, Clean Dry Air applications, machine and plant construction  
**Accuracy class:** 2,5  
**Media temperature:** max. +100 °C  
**Ambient temperature:** -40 °C to +60 °C  
**Housing:** CrNi steel  
**Inspection glass:** Polycarbonate  
**Note:** Further information on request



Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 03 82	0 - 1.0 bar	40,0	G 1/4	K-07 20 04 83	0 - 1.0 bar	50,0	G 1/4
K-07 20 03 83	0 - 1.6 bar	40,0	G 1/4	K-07 20 04 84	0 - 1.6 bar	50,0	G 1/4
K-07 20 03 84	0 - 2.5 bar	40,0	G 1/4	K-07 20 04 85	0 - 2.5 bar	50,0	G 1/4
K-07 20 03 85	0 - 4.0 bar	40,0	G 1/4	K-07 20 04 86	0 - 4.0 bar	50,0	G 1/4
K-07 20 03 86	0 - 6.0 bar	40,0	G 1/4	K-07 20 04 87	0 - 6.0 bar	50,0	G 1/4
K-07 20 03 87	0 - 10.0 bar	40,0	G 1/4	K-07 20 04 88	0 - 10.0 bar	50,0	G 1/4
K-07 20 03 88	0 - 16.0 bar	40,0	G 1/4	K-07 20 04 89	0 - 16.0 bar	50,0	G 1/4
K-07 20 03 89	0 - 25.0 bar	40,0	G 1/4	K-07 20 04 90	0 - 25.0 bar	50,0	G 1/4
K-07 20 03 90	0 - 40.0 bar	40,0	G 1/4	K-07 20 04 91	0 - 40.0 bar	50,0	G 1/4
K-07 20 03 91	0 - 60.0 bar	40,0	G 1/4	K-07 20 04 92	0 - 60.0 bar	50,0	G 1/4
K-07 20 03 92	0 - 100.0 bar	40,0	G 1/4	K-07 20 04 93	0 - 100.0 bar	50,0	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KMANOSTANDU>

## K-MANO STAND H

### Pressure gauges, CrNi steel, standard type, connection on rear, central



Standard model manufactured entirely from CrNi steel, economical and reliable.

<b>Type:</b>	131.11
<b>Design:</b>	Bourdon-tube pressure gauge, CrNi steel type
<b>Applications:</b>	For gaseous, liquid, corrosive and not crystallising media which do not have high viscosity, also in corrosive atmosphere, Clean Dry Air applications, machine and plant construction
<b>Accuracy class:</b>	2,5
<b>Media temperature:</b>	max. +100 °C
<b>Ambient temperature:</b>	-40 °C to +60 °C
<b>Housing:</b>	CrNi steel
<b>Inspection glass:</b>	Polycarbonate

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 03 93	0 - 1,0 bar	40,0	G 1/4	K-07 20 04 94	0 - 1,0 bar	50,0	G 1/4
K-07 20 03 94	0 - 1,6 bar	40,0	G 1/4	K-07 20 04 95	0 - 1,6 bar	50,0	G 1/4
K-07 20 03 95	0 - 2,5 bar	40,0	G 1/4	K-07 20 04 96	0 - 2,5 bar	50,0	G 1/4
K-07 20 03 96	0 - 4,0 bar	40,0	G 1/4	K-07 20 04 97	0 - 4,0 bar	50,0	G 1/4
K-07 20 03 97	0 - 6,0 bar	40,0	G 1/4	K-07 20 04 98	0 - 6,0 bar	50,0	G 1/4
K-07 20 03 98	0 - 10,0 bar	40,0	G 1/4	K-07 20 04 99	0 - 10,0 bar	50,0	G 1/4
K-07 20 03 99	0 - 16,0 bar	40,0	G 1/4	K-07 20 05 00	0 - 16,0 bar	50,0	G 1/4
K-07 20 04 00	0 - 25,0 bar	40,0	G 1/4	K-07 20 05 01	0 - 25,0 bar	50,0	G 1/4
K-07 20 04 01	0 - 40,0 bar	40,0	G 1/4	K-07 20 05 02	0 - 40,0 bar	50,0	G 1/4
K-07 20 04 02	0 - 60,0 bar	40,0	G 1/4	K-07 20 05 03	0 - 60,0 bar	50,0	G 1/4
K-07 20 04 03	0 - 100,0 bar	40,0	G 1/4	K-07 20 05 04	0 - 100,0 bar	50,0	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KMANOSTANDH>

## K-MANO

### Pressure gauges (CrNi steel type / connection on rear)



<b>Type:</b>	232.50
<b>Design:</b>	Bourdon-tube pressure gauge, CrNi steel type, all-stainless steel
<b>Applications:</b>	For gaseous or liquid media which do not have high viscosity and do not crystallise, also in corrosive atmosphere
<b>Accuracy class:</b>	1,6 (Ø 63 mm), 1,0 (Ø 100 mm)
<b>Media temperature:</b>	max. +200 °C
<b>Ambient temperature:</b>	-40 °C to +60 °C
<b>Housing:</b>	CrNi steel
<b>Inspection glass:</b>	Laminated safety glass Ø 63 = Polycarbonate

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 06 10	-1 / 0,0 bar	63,0	G 1/4"
K-07 20 06 11	0 - 2,5 bar	63,0	G 1/4"
K-07 20 06 12	0 - 4,0 bar	63,0	G 1/4"
K-07 20 06 13	0 - 6,0 bar	63,0	G 1/4"
K-07 20 06 14	0 - 10,0 bar	63,0	G 1/4"
K-07 20 06 15	0 - 16,0 bar	63,0	G 1/4"
K-07 20 06 16	0 - 25,0 bar	63,0	G 1/4"
K-07 20 06 17	0 - 40,0 bar	63,0	G 1/4"
K-07 20 06 18	0 - 100,0 bar	63,0	G 1/4"
K-07 20 06 19	0 - 250,0 bar	63,0	G 1/4"
K-07 20 00 53	0 - 6,0 bar	100,0	G 1/2"
K-07 20 00 54	0 - 10,0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KMANO>

## K-MANO 1

### Pressure gauges (CrNi steel type / safety housing)

Safety version with more fracture-resistant separating wall

**Type:** 232.30

**Design:** Bourdon-tube pressure gauge, CrNi steel type, with solid baffle wall and blow-out (safety housing)

**Applications:** For gaseous or liquid, corrosive and crystallising mediawhich do not have high viscosity, also in corrosive atmosphere

**Accuracy class:** 1,6 (Ø 63 mm), 1,0 (Ø 100 mm)

**Media temperature:** max. +200 °C

**Ambient temperature:** -40 °C to +60 °C

**Housing:** CrNi steel

**Inspection glass:** Laminated safety glass Ø 63 = Polycarbonate

**Note:** Further information on request



Identification	Measuring range	Ø mm	Connection
K-07 20 07 15	-1 / 0.0 bar	63,0	G 1/4"
K-07 20 07 16	0 - 1.6 bar	63,0	G 1/4"
K-07 20 07 17	0 - 2.5 bar	63,0	G 1/4"
K-07 20 07 18	0 - 4.0 bar	63,0	G 1/4"
K-07 20 07 19	0 - 6.0 bar	63,0	G 1/4"
K-07 20 07 20	0 - 10.0 bar	63,0	G 1/4"
K-07 20 07 21	0 - 16.0 bar	63,0	G 1/4"
K-07 20 07 22	0 - 25.0 bar	63,0	G 1/4"
K-07 20 07 23	0 - 40.0 bar	63,0	G 1/4"
K-07 20 07 24	0 - 60.0 bar	63,0	G 1/4"
K-07 20 07 25	0 - 100.0 bar	63,0	G 1/4"
K-07 20 01 97	0 - 1.0 bar	100,0	G 1/2"
K-07 20 01 98	0 - 1.6 bar	100,0	G 1/2"

Identification	Measuring range	Ø mm	Connection
K-07 20 01 99	0 - 2.5 bar	100,0	G 1/2"
K-07 20 02 00	0 - 4.0 bar	100,0	G 1/2"
K-07 20 02 01	0 - 6.0 bar	100,0	G 1/2"
K-07 20 02 02	0 - 10.0 bar	100,0	G 1/2"
K-07 20 02 03	0 - 16.0 bar	100,0	G 1/2"
K-07 20 02 04	0 - 25.0 bar	100,0	G 1/2"
K-07 20 02 05	0 - 40.0 bar	100,0	G 1/2"
K-07 20 02 06	0 - 60.0 bar	100,0	G 1/2"
K-07 20 02 07	0 - 100.0 bar	100,0	G 1/2"
K-07 20 02 08	0 - 160.0 bar	100,0	G 1/2"
K-07 20 02 09	0 - 250.0 bar	100,0	G 1/2"
K-07 20 02 10	0 - 400.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KMANO1>

## K-MANO KONTAKT

### Contact pressure gauges with magnetic spring contact 821.21



<b>Type:</b>	PGS21
<b>Design:</b>	contact type 821.21, Robust Bourdon-tube pressure gauge with electrical contact (magnetic spring contact)
<b>Operating principle:</b>	The electronic signaler opens one power circuit when reaching the defined value and closes it after that.
<b>Applications:</b>	For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise
<b>Accuracy class:</b>	1,0
<b>Media temperature:</b>	max. +80 °C
<b>Ambient temperature:</b>	-20 °C to +70 °C
<b>contact assignment:</b>	1. Contact makes when pointer reaches set point 2. Contact breaks when pointer reaches set point
<b>nominal operating voltage:</b>	Max. 250 V
<b>Current ratings:</b>	Make rating 1.0 A, Break rating 1.0 A, Continuous load 0.6 A
<b>Switching capacity:</b>	Max. 30 W / 50 VA
<b>Housing, ring:</b>	CrNi steel 1.4301
<b>Measuring element:</b>	Copper alloy (< 100 bar), CrNi steel 1.4571 (> 100 bar)
<b>Inspection glass:</b>	Flat instrument glass
<b>Movement:</b>	Copper alloy

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 01 32	0 - 2.5 bar	100,0	G 1/2"	K-07 20 01 42	0 - 250.0 bar	100,0	G 1/2"
K-07 20 01 33	0 - 4.0 bar	100,0	G 1/2"	K-07 20 01 43	0 - 400.0 bar	100,0	G 1/2"
K-07 20 01 34	0 - 6.0 bar	100,0	G 1/2"	K-07 20 03 16	-1 / 0.0 bar	160,0	G 1/2"
K-07 20 01 35	0 - 10.0 bar	100,0	G 1/2"	K-07 20 03 17	-1 / +1.5 bar	160,0	G 1/2"
K-07 20 01 36	0 - 16.0 bar	100,0	G 1/2"	K-07 20 03 18	0 - 1,0 bar	160,0	G 1/2"
K-07 20 01 37	0 - 25.0 bar	100,0	G 1/2"	K-07 20 03 19	0 - 6.0 bar	160,0	G 1/2"
K-07 20 01 38	0 - 40.0 bar	100,0	G 1/2"	K-07 20 03 20	0 - 10.0 bar	160,0	G 1/2"
K-07 20 01 39	0 - 60.0 bar	100,0	G 1/2"	K-07 20 03 21	0 - 16.0 bar	160,0	G 1/2"
K-07 20 01 40	0 - 100.0 bar	100,0	G 1/2"	K-07 20 03 22	0 - 40.0 bar	160,0	G 1/2"
K-07 20 01 41	0 - 160.0 bar	100,0	G 1/2"	K-07 20 03 23	0 - 600.0 bar	160,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KMANOKONTAKT>

## K-MANO U

### Pressure gauges (CrNi steel type / connection radial on bottom)

**Type:** 232.50  
**Design:** Bourdon-tube pressure gauge, CrNi steel type, all-stainless steel  
**Applications:** For gaseous or liquid media which do not have high viscosity and do not crystallise, also in corrosive atmosphere  
**Accuracy class:** 1.6 (Ø 63 mm), 1.0 (Ø 100 mm and Ø 160 mm)  
**Media temperature:** max. +200 °C  
**Ambient temperature:** -40 °C to +60 °C  
**Housing:** CrNi steel  
**Inspection glass:** Laminated safety glass Ø 63 = Polycarbonate



**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection	Identification	Measuring range	Ø mm	Connection
K-07 20 06 01	-1 / 0.0 bar	63,0	G 1/4"	K-07 20 00 43	0 - 1,0 bar	100,0	G 1/2"
K-07 20 06 02	0 - 2.5 bar	63,0	G 1/4"	K-07 20 00 44	0 - 1.6 bar	100,0	G 1/2"
K-07 20 06 03	0 - 4.0 bar	63,0	G 1/4"	K-07 20 00 45	0 - 2.5 bar	100,0	G 1/2"
K-07 20 06 04	0 - 6.0 bar	63,0	G 1/4"	K-07 20 00 46	0 - 4.0 bar	100,0	G 1/2"
K-07 20 06 05	0 - 10.0 bar	63,0	G 1/4"	K-07 20 00 47	0 - 6.0 bar	100,0	G 1/2"
K-07 20 06 06	0 - 16.0 bar	63,0	G 1/4"	K-07 20 00 48	0 - 10.0 bar	100,0	G 1/2"
K-07 20 06 07	0 - 25.0 bar	63,0	G 1/4"	K-07 20 00 49	0 - 16.0 bar	100,0	G 1/2"
K-07 20 06 08	0 - 40.0 bar	63,0	G 1/4"	K-07 20 00 50	0 - 25.0 bar	100,0	G 1/2"
K-07 20 06 09	0 - 100.0 bar	63,0	G 1/4"	K-07 20 00 51	0 - 40.0 bar	100,0	G 1/2"
K-07 20 00 36	-1 / 0.0 bar	100,0	G 1/2"	K-07 20 00 52	0 - 60.0 bar	100,0	G 1/2"
K-07 20 00 37	-1 / +0.6 bar	100,0	G 1/2"	K-07 20 03 10	-1 / 0.0 bar	160,0	G 1/2"
K-07 20 00 38	-1 / +1.5 bar	100,0	G 1/2"	K-07 20 03 11	-1 / +0.6 bar	160,0	G 1/2"
K-07 20 00 39	-1 / +3.0 bar	100,0	G 1/2"	K-07 20 03 12	0 - 1,0 bar	160,0	G 1/2"
K-07 20 00 40	-1 / +5.0 bar	100,0	G 1/2"	K-07 20 03 13	0 - 10.0 bar	160,0	G 1/2"
K-07 20 00 41	-1 / +9.0 bar	100,0	G 1/2"	K-07 20 03 14	0 - 16.0 bar	160,0	G 1/2"
K-07 20 00 42	-1 / +15.0 bar	100,0	G 1/2"	K-07 20 03 15	0 - 25.0 bar	160,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KMANOU>

## K-DIFFERENZDRUCKMANO Z

### Differential pressure gauges with parallel male connector

**Type:** 711.12  
**Design:** Bourdon-tube pressure gauge with parallel male connector and two separate measuring systems  
**Applications:** For gaseous or liquid media which do not corrode copper alloy, do not have high viscosity and do not crystallise, to measure differential pressures or two different pressures  
**Accuracy class:** 1,6  
**Media temperature:** max. +60 °C  
**Ambient temperature:** -20 °C to +60 °C  
**Housing, ring:** Steel, black  
**Measuring element and movement:** Copper alloy  
**Inspection glass:** Flat instrument glass



**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 00 55	0 - 1,0 bar	100,0	G 1/2"
K-07 20 00 56	0 - 1.6 bar	100,0	G 1/2"
K-07 20 00 57	0 - 2.5 bar	100,0	G 1/2"
K-07 20 00 58	0 - 4.0 bar	100,0	G 1/2"
K-07 20 00 59	0 - 6.0 bar	100,0	G 1/2"
K-07 20 00 60	0 - 10.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KDIFFERENZDRUCKMANOZ>

## K-PRMM ROB U

Robust diaphragm pressure gauges, connection radial on bottom



<b>Type:</b>	422.12 (robust), 432.50 (chemical)
<b>Design:</b>	Diaphragm pressure gauge in robust design or for chemical applications
<b>Applications:</b>	at chemical applications in aggressive environments, for gaseous or liquid media,
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +100 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Ø sensing flange:</b>	100 mm
<b>Housing, ring:</b>	Grey cast iron / CrNi steel, black (robust type), CrNi steel (type for chemical applications)
<b>Measuring element:</b>	CrNi steel
<b>Inspection glass:</b>	Flat instrument glass (robust type), Laminated safety glass (type for chemical applications)
<b>Movement:</b>	Copper alloy (robust type), CrNi steel (type for chemical applications)

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 10 99	-1 / +1.5 bar	100,0	G 1/2"
K-07 20 11 00	0 - 1,0 bar	100,0	G 1/2"
K-07 20 11 01	0 - 1.6 bar	100,0	G 1/2"
K-07 20 11 02	0 - 2.5 bar	100,0	G 1/2"
K-07 20 11 03	0 - 4.0 bar	100,0	G 1/2"
K-07 20 11 04	0 - 6.0 bar	100,0	G 1/2"
K-07 20 11 05	0 - 10.0 bar	100,0	G 1/2"
K-07 20 11 06	0 - 16.0 bar	100,0	G 1/2"
K-07 20 11 07	0 - 25.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KPRMMROBU>

## K-PRMM CHEMIE U

Diaphragm pressure gauges for chemical applications, connection radial on bottom



<b>Type:</b>	422.12 (robust), 432.50 (chemical)
<b>Design:</b>	Diaphragm pressure gauge in robust design or for chemical applications
<b>Applications:</b>	at chemical applications in aggressive environments, for gaseous or liquid media,
<b>Accuracy class:</b>	1,6
<b>Media temperature:</b>	max. +100 °C
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Ø sensing flange:</b>	100 mm
<b>Housing, ring:</b>	Grey cast iron / CrNi steel, black (robust type), CrNi steel (type for chemical applications)
<b>Measuring element:</b>	CrNi steel
<b>Inspection glass:</b>	Flat instrument glass (robust type), Laminated safety glass (type for chemical applications)
<b>Movement:</b>	Copper alloy (robust type), CrNi steel (type for chemical applications)

**Note:** Further information on request

Identification	Measuring range	Ø mm	Connection
K-07 20 10 25	0 - 6.0 bar	100,0	G 1/2"
K-07 20 10 26	0 - 10.0 bar	100,0	G 1/2"

**Web:** <http://cat.hansa-flex.com/en/KPRMMCHEMIEU>

**K-MANO DRUCKKNOPFHAHN**

## Pressure gauge pushbutton stopcock

For measuring local pressure. The pressure is only measured when the piston is actuated. The measuring system is disconnected again automatically as soon as the piston is released. In the normal position, no pressure is applied to the pressure gauge.

**Pressure range:** Max. 25 bar, Max. 4 bar (DVGW approved)



**Note:** Further information on request

Identification	Thread	Material
K- 07 20 10 29	G 1/2	Nickel-plated brass

**Web:** <http://cat.hansa-flex.com/en/KMANODRUCKKNOPFHAHN>

**K-STOSSMINDER**

## Pulsation dampers

For damping pulsating pressure loads on pressure gauges.

**Brass variant:** Housing and screw plug made of brass, Adjusting screw made of stainless steel 1.4404, Seal made of NBR

**Steel variant:** Housing and screw plug made of steel, Adjusting screw made of stainless steel 1.4404, Seal made of NBR

**Stainless steel variant:** Housing and screw plug made of stainless steel 1.4571, Adjusting screw made of stainless steel 1.4404, Seal made of FKM

**Temperature:** Max. +120 °C



**Note:** Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K- 07 20 11 64	G 1/2	250	27	Brass
K- 07 20 11 65	G 1/2	400	27	Steel
K- 07 20 11 63	G 1/2	400	27	Stainless steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KSTOSSMINDER>

**K-SCHUTZKAPPE MANOMETER**

## Protective covers



**Note:** Further information on request

Identification	for pressure gauge Ø mm	Colour
K- 07 20 11 82	63	red

**Web:** <http://cat.hansa-flex.com/en/KSCHUTZKAPPEMANOMETER>

**K-MANO PROFILDICHTUNG**

Profile seals for pressure gauges

**Note:** Further information on request

Identification	for thread	Material
K-07 20 11 44	G 1/8	Cu
K-07 20 11 46	G 1/4	Alu
K-07 20 11 45	G 1/4	Cu
K-07 20 11 47	G 1/4	1.4571
K-07 20 11 48	G 1/2	Cu
K-07 20 11 50	G 3/8	Cu

**Web:** <http://cat.hansa-flex.com/en/KMANOPROFILDICHTUNG>**K-SB NIPPEL MANO**

Self-sealing nipples for pressure gauges

**Note:** Further information on request

Identification	Male thread	Female thread
K-07 20 11 51	G 1/4	G 1/8
K-07 20 11 52	G 3/8	G 1/4
K-07 20 11 53	G 1/2	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KSBNIPPELMANO>**K-MANO NIPPEL**

Nipples for pressure gauges

**Note:** Further information on request

Identification	Thread sleeve	Thread pin
K-07 20 11 54	G 1/8	G 1/4
K-07 20 11 55	G 1/8	G 1/2





(Continued)

## K-MANO NIPPEL

## Nipples for pressure gauges

Identification	Thread sleeve	Thread pin
K-07 20 11 56	G 1/4	G 1/8
K-07 20 11 57	G 1/4	G 3/8
K-07 20 11 58	G 1/4	G 1/2
K-07 20 11 59	G 1/4	M 12 x 1.5
K-07 20 11 60	G 1/2	G 1/4
K-07 20 11 61	G 1/2	G 3/8
K-07 20 11 62	G 1/2	M 20 x 1.5

**Web:** <http://cat.hansa-flex.com/en/KMANONIPPEL>

## K-MANO ABSPH MUF MUF

## Pressure gauge stopcocks, female - female

It is useful to install a stopcock as a shut-off element between the pressure gauge and the pipe. When the lever is set to the »blow out« position, the medium is discharged into the atmosphere. Stopcocks with a test port allow pressure gauges to be simultaneously connected to the pipe.

**Applications:** For all pressure gauges with a flat gasket acc. to DIN 16258

**Pressure range:** Max. 16 bar, depending on the variant Pressure gauge valves should be used for higher pressures

**Temperature:** Max. +50 °C

**Housing:** Brass with a bare metal surface or stainless steel 1.4571

**Handle:** Plastic

**Test flange:** -

**Note:** K-07201090, K-07201091 in acc. with DIN 16261-A, K-07201096, K-07201097 in acc. with DIN 16261-B  
K-07201128, K-07201129 in acc. with DIN 16262-A, K-07201127 in acc. with DIN 16262-B Further information on request



Identification	Thread	PN (bar)	AF mm	Material
K-07 20 10 88	G 1/4	6	17	Brass
K-07 20 10 89	G 3/8	16	22	Brass
K-07 20 10 91	G 1/2	25	27	Brass
K-07 20 10 90	G 1/2	25	27	Stainless steel
K-07 20 10 93	G 1/2	25	27	Brass
K-07 20 10 92	G 1/2	25	27	Brass

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPHMUFMUF>

## K-MANO ABSPH MUF ZAPF

## Pressure gauge stopcocks, female - male

It is useful to install a stopcock as a shut-off element between the pressure gauge and the pipe. When the lever is set to the »blow out« position, the medium is discharged into the atmosphere. Stopcocks with a test port allow pressure gauges to be simultaneously connected to the pipe.

**Applications:** For all pressure gauges with a flat gasket acc. to DIN 16258

**Pressure range:** Max. 16 bar, depending on the variant Pressure gauge valves should be used for higher pressures

**Temperature:** Max. +50 °C

**Housing:** Brass with a bare metal surface or stainless steel 1.4571

**Handle:** Plastic

**Test flange:** -

**Note:** K-07201090, K-07201091 in acc. with DIN 16261-A, K-07201096, K-07201097 in acc. with DIN 16261-B  
K-07201128, K-07201129 in acc. with DIN 16262-A, K-07201127 in acc. with DIN 16262-B Further information on request



Identification	Thread	PN (bar)	AF mm	Material
K-07 20 10 94	G 1/4	6	17	Brass
K-07 20 10 95	G 3/8	16	22	Brass
K-07 20 10 97	G 1/2	25	27	Brass
K-07 20 10 96	G 1/2	25	27	Stainless steel
K-07 20 10 98	G 1/2	25	27	Brass

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPHMUFZAPF>

**K-MANO ABSPH MUF DREH MUF**

## Pressure gauge stopcocks, female - loose (rotatable) female



It is useful to install a stopcock as a shut-off element between the pressure gauge and the pipe. When the lever is set to the »blow out« position, the medium is discharged into the atmosphere. Stopcocks with a test port allow pressure gauges to be simultaneously connected to the pipe.

**Applications:** For all pressure gauges with a flat gasket acc. to DIN 16258  
**Pressure range:** Max. 16 bar, depending on the variant Pressure gauge valves should be used for higher pressures  
**Temperature:** Max. +50 °C  
**Housing:** Brass with a bare metal surface or stainless steel 1.4571  
**Handle:** Plastic  
**Test flange:** -

**Note:** K-07201090, K-07201091 in acc. with DIN 16261-A, K-07201096, K-07201097 in acc. with DIN 16261-B  
 K-07201128, K-07201129 in acc. with DIN 16262-A, K-07201127 in acc. with DIN 16262-B Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 10 86	G 1/2	25	27	Brass
K-07 20 10 87	G 1/2	25	27	Brass

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPHMUFDRHMFUF>

**K-MANO ABSPH ZAPF DREH MUF2**

## Pressure gauge stopcocks, male - loose (rotatable) female



It is useful to install a stopcock as a shut-off element between the pressure gauge and the pipe. When the lever is set to the »blow out« position, the medium is discharged into the atmosphere. Stopcocks with a test port allow pressure gauges to be simultaneously connected to the pipe.

**Applications:** For all pressure gauges with a flat gasket acc. to DIN 16258  
**Pressure range:** Max. 16 bar, depending on the variant Pressure gauge valves should be used for higher pressures  
**Temperature:** Max. +50 °C  
**Housing:** Brass with a bare metal surface or stainless steel 1.4571  
**Handle:** Plastic  
**Test flange:** -

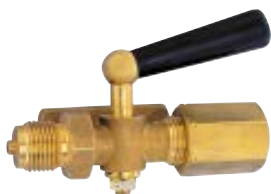
**Note:** K-07201090, K-07201091 in acc. with DIN 16261-A, K-07201096, K-07201097 in acc. with DIN 16261-B  
 K-07201128, K-07201129 in acc. with DIN 16262-A, K-07201127 in acc. with DIN 16262-B Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 17	G 1/2	25	27	Brass
K-07 20 11 18	G 1/2	25	27	Brass

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPHZAPFDREHMUF2>

**K-MANO ABSPH ZAPF SPAN MUF**

## Pressure gauge stopcocks, male - female/female



It is useful to install a stopcock as a shut-off element between the pressure gauge and the pipe. When the lever is set to the »blow out« position, the medium is discharged into the atmosphere. Stopcocks with a test port allow pressure gauges to be simultaneously connected to the pipe.

**Applications:** For all pressure gauges with a flat gasket acc. to DIN 16258  
**Pressure range:** Max. 16 bar, depending on the variant Pressure gauge valves should be used for higher pressures  
**Temperature:** Max. +50 °C  
**Housing:** Brass with a bare metal surface or stainless steel 1.4571  
**Handle:** Plastic  
**Test flange:** -

**Note:** K-07201090, K-07201091 in acc. with DIN 16261-A, K-07201096, K-07201097 in acc. with DIN 16261-B  
 K-07201128, K-07201129 in acc. with DIN 16262-A, K-07201127 in acc. with DIN 16262-B Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 27	G 1/4	6	17	Brass
K-07 20 11 29	G 1/2	25	27	Brass
K-07 20 11 28	G 1/2	25	27	Stainless steel



(Continued)

## K-MANO ABSPH ZAPF SPAN MUF

## Pressure gauge stopcocks, male - female/female

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 31	G 1/2	25	27	Brass
K-07 20 11 30	G 1/2	25	27	Stainless steel
K-07 20 11 32	G 1/2	25	27	Brass

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPHZAPFSPANMUF>

## K-MANO ABSPV ZAPF SPAN MUF 16270A

## Pressure gauge valves, male - female/female, DIN 16270

They are used as shut-off or reducing elements for pressure gauges when measuring liquids, gases or steam.

<b>Operating pressure:</b>	max. 250 bar brass, max. 400 bar steel/stainless steel
<b>Temperature:</b>	Max. +120 °C with brass/steel; Max. +200 °C for stainless steel
<b>material all components:</b>	Stainless steel
<b>Sealant:</b>	PTFE
<b>Housing:</b>	Brass, black-finished steel or stainless steel 1.4571
<b>Handwheel:</b>	Plastic
<b>Union nut clamping sleeve:</b>	Steel
<b>Valve spindle, valve cone:</b>	Stainless steel



**Note:** Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 22	G 1/2	250	27	Brass
K-07 20 11 23	G 1/2	400	27	Black-finished steel
K-07 20 11 21	G 1/2	400	27	Stainless steel

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPVZAPFSPANMUF16270A>

## K-MANO ABSPV ZAPF DREH MUF 16270B

## Pressure gauge valves, male - loose female connector and shaft for instrument holder, DIN 16270

They are used as shut-off or reducing elements for pressure gauges when measuring liquids, gases or steam.

<b>Operating pressure:</b>	max. 250 bar brass, max. 400 bar steel/stainless steel
<b>Temperature:</b>	Max. +120 °C with brass/steel; Max. +200 °C for stainless steel
<b>material all components:</b>	Stainless steel
<b>Sealant:</b>	PTFE
<b>Housing:</b>	Brass, black-finished steel or stainless steel 1.4571
<b>Handwheel:</b>	Plastic
<b>Union nut clamping sleeve:</b>	Steel
<b>Valve spindle, valve cone:</b>	Stainless steel



**Note:** Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 16	G 1/2	250	27	Brass
K-07 20 11 15	G 1/2	400	27	Stainless steel

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPVZAPFDREHMUF16270B>

**K-MANO ABSPV ZAPF SPAN MUF 16271A**

Pressure gauge valves, male - female/female, with test socket M 20 x 1.5, DIN 16271



They are used as shut-off or reducing elements for pressure gauges when measuring liquids, gases or steam.

<b>Operating pressure:</b>	max. 250 bar brass, max. 400 bar steel/stainless steel
<b>Temperature:</b>	Max. +120 °C with brass/steel; Max. +200 °C for stainless steel
<b>material all components:</b>	Stainless steel
<b>Sealant:</b>	PTFE
<b>Housing:</b>	Brass, black-finished steel or stainless steel 1.4571
<b>Handwheel:</b>	Plastic
<b>Union nut clamping sleeve:</b>	Steel
<b>Valve spindle, valve cone:</b>	Stainless steel

**Note:** Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 25	G 1/2	250	27	Brass
K-07 20 11 26	G 1/2	400	27	Black-finished steel
K-07 20 11 24	G 1/2	400	27	Stainless steel

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPVZAPFSPANMUF16271A>**K-MANO ABSPV ZAPF DREH MUF 16271B**

Pressure gauge shut-off valves, male - loose female and shaft for instrument holder, with test socket M 20 x 1.5, DIN 16271



They are used as shut-off or reducing elements for pressure gauges when measuring liquids, gases or steam.

<b>Operating pressure:</b>	max. 250 bar brass, max. 400 bar steel/stainless steel
<b>Temperature:</b>	Max. +120 °C with brass/steel; Max. +200 °C for stainless steel
<b>material all components:</b>	Stainless steel
<b>Sealant:</b>	PTFE
<b>Housing:</b>	Brass, black-finished steel or stainless steel 1.4571
<b>Handwheel:</b>	Plastic
<b>Union nut clamping sleeve:</b>	Steel
<b>Valve spindle, valve cone:</b>	Stainless steel

**Note:** Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 20	G 1/2	250	27	Brass
K-07 20 11 19	G 1/2	400	27	Stainless steel

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPVZAPFDREHMUF16271B>**K-MANO ABSPV ZAPF SPAN MUF PRUEFFL**

Pressure gauge valves, male - female/female, with test flange 60 x 25 x 10



They are used as shut-off or reducing elements for pressure gauges when measuring liquids, gases or steam.

<b>Operating pressure:</b>	max. 250 bar brass, max. 400 bar steel/stainless steel
<b>Temperature:</b>	Max. +120 °C with brass/steel; Max. +200 °C for stainless steel
<b>material all components:</b>	Stainless steel
<b>Sealant:</b>	PTFE
<b>Housing:</b>	Brass, black-finished steel or stainless steel 1.4571
<b>Handwheel:</b>	Plastic
<b>Union nut clamping sleeve:</b>	Steel
<b>Valve spindle, valve cone:</b>	Stainless steel

**Note:** Further information on request

Identification	Thread	PN (bar)	AF mm	Material
K-07 20 11 34	G 1/2	250	27	Brass
K-07 20 11 33	G 1/2	400	27	Stainless steel

**Web:** <http://cat.hansa-flex.com/en/KMANOABSPVZAPFSPANMUFPRUEFFL>

**K-WASSERSACKROHR KR SCHWEISSANSCHL****Siphons, circular, with welded connection on pressure tap side**

Suitable as a cooling section for liquids, gases or steam during pressure measurements. The use of a siphon permits the medium to cool down to a temperature that is compatible with the pressure gauge and protects the gauge against pulsating media. The condensate that forms in the siphon prevents the hot medium from entering the pressure gauge. We recommend filling the siphon with cooling sealing liquid prior to using the pipe.

**Design:** With male connector or welded connection on the pressure tap side  
**Pressure tap:** Horizontal (U-shaped), Vertical (circular)  
**Female/female connector:** Acc. to DIN 16283, AF 27  
**Material:** Steel or Stainless steel



**Note:** Further information on request

Identification	Thread	Material
K- 07 20 11 72	G 1/2	Steel 1.0039, 1.0345
K- 07 20 11 73	G 1/2	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KWASSERSACKROHRKRSCHEISSANSCHL>

**K-WASSERSACKROHR U ANSCHLUSSZAPF****Siphons, U-shaped, with male connector on pressure tap side**

Suitable as a cooling section for liquids, gases or steam during pressure measurements. The use of a siphon permits the medium to cool down to a temperature that is compatible with the pressure gauge and protects the gauge against pulsating media. The condensate that forms in the siphon prevents the hot medium from entering the pressure gauge. We recommend filling the siphon with cooling sealing liquid prior to using the pipe.

**Design:** With male connector or welded connection on the pressure tap side  
**Pressure tap:** Horizontal (U-shaped), Vertical (circular)  
**Female/female connector:** Acc. to DIN 16283, AF 27  
**Material:** Steel or Stainless steel



**Note:** Further information on request

Identification	Thread	Material
K- 07 20 11 66	G 1/2	Steel 1.0039, 1.0345
K- 07 20 11 67	G 1/2	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KWASSERSACKROHRUANSCHLUSSZAPF>

**K-WASSERSACKROHR U SCHWEISSANSCHL****Siphons, U-shaped, with welded connection on pressure tap side**

Suitable as a cooling section for liquids, gases or steam during pressure measurements. The use of a siphon permits the medium to cool down to a temperature that is compatible with the pressure gauge and protects the gauge against pulsating media. The condensate that forms in the siphon prevents the hot medium from entering the pressure gauge. We recommend filling the siphon with cooling sealing liquid prior to using the pipe.

**Design:** With male connector or welded connection on the pressure tap side  
**Pressure tap:** Horizontal (U-shaped), Vertical (circular)  
**Female/female connector:** Acc. to DIN 16283, AF 27  
**Material:** Steel or Stainless steel



**Note:** Further information on request

Identification	Thread	Material
K- 07 20 11 68	G 1/2	Steel 1.0039, 1.0345
K- 07 20 11 69	G 1/2	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KWASSERSACKROHRUSCHWEISSANSCHL>

**K-WASSERSACKROHR KR ANSCHLUSSZAPF**

Siphons, circular, with male connector on pressure tap side



Suitable as a cooling section for liquids, gases or steam during pressure measurements. The use of a siphon permits the medium to cool down to a temperature that is compatible with the pressure gauge and protects the gauge against pulsating media. The condensate that forms in the siphon prevents the hot medium from entering the pressure gauge. We recommend filling the siphon with cooling sealing liquid prior to using the pipe.

**Design:** With male connector or welded connection on the pressure tap side  
**Pressure tap:** Horizontal (U-shaped), Vertical (circular)  
**Female/female connector:** Acc. to DIN 16283, AF 27  
**Material:** Steel or Stainless steel

**Note:** Further information on request

Identification	Thread	Material
K-07 20 11 70	G 1/2	Steel 1.0039, 1.0345
K-07 20 11 71	G 1/2	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KWASSERSACKROHRKRANSCHLUSSZAPF>

**K-MESSGERAETEHALTER**

Instrument holders

For mounting shut-off valves with a pressure gauge directly on the wall.



**Note:** Further information on request

Identification	Protrusion	Material
K-07 20 11 76	60	Aluminium, painted black
K-07 20 11 77	100	Aluminium, painted black
K-07 20 11 78	160	Aluminium, painted black
K-07 20 11 79	100	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KMESSGERAETEHALTER>

**K-ZST MESSGERAETEHALTER**

Adapters for instrument holder

For mounting shut-off valves with a pressure gauge directly on the wall.



**Note:** Further information on request

Identification	Thread	Material
K-07 20 11 74	G 1/2	Brass
K-07 20 11 75	G 1/2	Steel
K-07 20 11 80	G 1/2	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KZSTMESSGERAETEHALTER>

**K-DMUF FESTSTOFFHALTIGE MED****Pressure transmitter for viscous and solids-containing media, nonlinearity 0.2%**

Pressure transmitter in CrNi steel with flush diaphragm for measuring viscous, pasty, adhesive, crystallising, particle-laden or contaminated media, which would clog the pressure channel of conventional process connections. Applications: Electronic pressure measurement in the food and beverages sector, hydraulic power units or industrial applications in general.

<b>Type:</b>	S-11
<b>Voltage:</b>	DC 10 (14) ... 30 V
<b>Electrical connection:</b>	With right-angle connector acc. to DIN EN 175301-803 A
<b>Protection IP:</b>	IP 65 acc. to EN 60529
<b>Output signal:</b>	4 to 20 mA, 2-wire
<b>Nonlinearity:</b>	0.2% of span
<b>Media temperature:</b>	-30 °C to +100 °C; (Range: 400 and 600 bar: -30 °C to +70 °C)
<b>Ambient temperature:</b>	-20 °C to +80 °C
<b>Wetted parts:</b>	CrNi steel 1.4571
<b>Housing:</b>	CrNi steel 1.4571



Identification	Measuring range	Thread
K-07 20 12 38	0 - 0.25 bar	G 1
K-07 20 12 39	0 - 0.4 bar	G 1
K-07 20 12 40	0 - 1,0 bar	G 1
K-07 20 12 41	0 - 10.0 bar	G 1/2
K-07 20 12 42	0 - 100.0 bar	G 1/2
K-07 20 12 43	0 - 16.0 bar	G 1/2
K-07 20 12 44	0 - 160.0 bar	G 1/2
K-07 20 12 45	0 - 25.0 bar	G 1/2
K-07 20 12 46	0 - 250.0 bar	G 1/2
K-07 20 12 47	0 - 4.0 bar	G 1/2
K-07 20 12 48	0 - 40.0 bar	G 1/2
K-07 20 12 49	0 - 400.0 bar	G 1/2
K-07 20 12 50	0 - 6.0 bar	G 1/2
K-07 20 12 51	0 - 60.0 bar	G 1/2
K-07 20 12 52	0 - 600.0 bar	G 1/2

**Web:** <http://cat.hansa-flex.com/en/KDMUFFESTSTOFFHALTIGEMED>

**Spare parts:**

**K-ZUBEH DRUCKMESSUMFOR** - Accessoires for pressure transmitters for viscous and solids-containing media, nonlinearity 0.2%

**K-DMUF 1****Pressure transmitters (CrNi steel 1.4404)**

Standard type for universal applications. Suitable for electronic pressure measurements in the low and high-pressure ranges.

<b>Type:</b>	A-10
<b>Voltage:</b>	8 - 30 V
<b>Electrical connection:</b>	With right-angle connector acc. to DIN EN 175301-803 A
<b>Protection IP:</b>	IP 65 acc. to EN 60529
<b>Output signal:</b>	4 to 20 mA, 2-wire
<b>Nonlinearity:</b>	0.5% of span
<b>Media temperature:</b>	0 °C to +80 °C
<b>Ambient temperature:</b>	0 °C to +80 °C
<b>Wetted parts:</b>	CrNi steel 1.4404
<b>Housing:</b>	CrNi steel 1.4404

**Note:** Further information on request



Identification	Measuring range	Thread
K-07 20 10 46	0 - 1,0 bar	G 1/4
K-07 20 10 47	0 - 1.6 bar	G 1/4
K-07 20 10 48	0 - 2.5 bar	G 1/4
K-07 20 10 49	0 - 4.0 bar	G 1/4
K-07 20 10 50	0 - 6.0 bar	G 1/4
K-07 20 10 51	0 - 10.0 bar	G 1/4
K-07 20 10 52	0 - 16.0 bar	G 1/4
K-07 20 10 53	0 - 25.0 bar	G 1/4
K-07 20 10 54	0 - 40.0 bar	G 1/4
K-07 20 10 55	0 - 60.0 bar	G 1/4
K-07 20 10 56	0 - 100.0 bar	G 1/4



**K-DMUF 1**

(Continued)

**Pressure transmitters (CrNi steel 1.4404)**

Identification	Measuring range	Thread
K-07 20 10 57	0 - 160.0 bar	G 1/4
K-07 20 10 58	0 - 250.0 bar	G 1/4
K-07 20 10 59	0 - 400.0 bar	G 1/4
K-07 20 10 60	0 - 600.0 bar	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KDMUF1>**K-ZUBEH DRUCKMESSUMFOR****Accessoires for pressure transmitters for viscous and solids-containing media, nonlinearity 0.2%**

Identification	Designation
K-07 20 12 54	Welding socket for pressure transmitter S-11 - flush G 1
K-07 20 12 53	Welding socket for pressure transmitter S-11 - flush G 1/2

**Web:** <http://cat.hansa-flex.com/en/KZUBEHDRUCKMESSUMFOR>**K-DMUF ALLGEMEIN****Pressure transmitters for universal industrial applications, nonlinearity 0.25%**

Pressure transmitters, very high precision, in CrNi steel, for complex measurement tasks in the process industry as well as research and development. Applications: Low temperature or outdoor applications, extreme shock loads and vibration levels, corrosive media in the chemical industry. Compatible with all internationally established process connections.

<b>Type:</b>	S-20
<b>Voltage:</b>	DC 8 ... 36 V
<b>Electrical connection:</b>	With right-angle connector acc. to DIN EN 175301-803 A
<b>Protection IP:</b>	IP 65 acc. to EN 60529
<b>Output signal:</b>	4 to 20 mA, 2-wire
<b>Nonlinearity:</b>	up to 0.25% of span
<b>Media temperature:</b>	-30 °C to +100 °C
<b>Ambient temperature:</b>	-40 °C to +70 °C
<b>Wetted parts:</b>	CrNi steel 1.4571
<b>Housing:</b>	CrNi steel 1.4571

Identification	Measuring range	Thread
K-07 20 12 55	-1 / 0.0 bar	G 1/2
K-07 20 12 56	0 - 0.4 bar	G 1/2
K-07 20 12 57	0 - 1.0 bar	G 1/2
K-07 20 12 64	0 - 4.0 bar	G 1/2
K-07 20 12 67	0 - 6.0 bar	G 1/2
K-07 20 12 58	0 - 10.0 bar	G 1/2
K-07 20 12 60	0 - 16.0 bar	G 1/2
K-07 20 12 62	0 - 25.0 bar	G 1/2
K-07 20 12 65	0 - 40.0 bar	G 1/2
K-07 20 12 68	0 - 60.0 bar	G 1/2
K-07 20 12 59	0 - 100.0 bar	G 1/2
K-07 20 12 61	0 - 160.0 bar	G 1/2
K-07 20 12 63	0 - 250.0 bar	G 1/2





(Continued)

K-DMUF ALLGEMEIN

## Pressure transmitters for universal industrial applications, nonlinearity 0.25%

Identification	Measuring range	Thread
K-07 20 12 66	0 - 400.0 bar	G 1/2
K-07 20 12 69	0 - 600.0 bar	G 1/2

**Web:** <http://cat.hansa-flex.com/en/KDMUFALLGEMEIN>

K-DMUF GENAUIGKEIT 0,2%

## Pressure transmitters, accuracy 0.2% of span

Standard type for universal applications. Suitable for electronic pressure measurements in the low and high-pressure ranges.

<b>Type:</b>	S-10
<b>Voltage:</b>	Non-stabilised 10/30 V DC voltage
<b>Electrical connection:</b>	With right-angle connector acc. to DIN EN 175301-803 A
<b>Protection IP:</b>	IP 65 acc. to EN 60529
<b>Output signal:</b>	4 to 20 mA, 2-wire
<b>Nonlinearity:</b>	0.2% of span
<b>Media temperature:</b>	-30 °C to +100 °C
<b>Ambient temperature:</b>	-20 °C to +80 °C
<b>Wetted parts:</b>	CrNi steel 1.4571
<b>Housing:</b>	CrNi steel 1.4571



Identification	Measuring range	Thread	Identification	Measuring range	Thread
K-07 20 10 30	-1 / 0.0 bar	G 1/2	K-07 20 10 38	0 - 25.0 bar	G 1/2
K-07 20 10 31	0 - 0.25 bar	G 1/2	K-07 20 10 39	0 - 40.0 bar	G 1/2
K-07 20 10 32	0 - 0.4 bar	G 1/2	K-07 20 10 40	0 - 60.0 bar	G 1/2
K-07 20 10 33	0 - 1.0 bar	G 1/2	K-07 20 10 41	0 - 100.0 bar	G 1/2
K-07 20 10 34	0 - 4.0 bar	G 1/2	K-07 20 10 42	0 - 160.0 bar	G 1/2
K-07 20 10 35	0 - 6.0 bar	G 1/2	K-07 20 10 43	0 - 250.0 bar	G 1/2
K-07 20 10 36	0 - 10.0 bar	G 1/2	K-07 20 10 44	0 - 400.0 bar	G 1/2
K-07 20 10 37	0 - 16.0 bar	G 1/2	K-07 20 10 45	0 - 600.0 bar	G 1/2

**Web:** <http://cat.hansa-flex.com/en/KDMUFGENAUIGKEIT02>

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## K-KALIBRIER-TEST UND SERVICE

### Calibration, testing and service unit



Service case for quick and precise pressure gauge calibration. Suitable for service and maintenance providers of all kinds as well as instrumentation control workshops and quality assurance. Simple operation using four buttons. The high sampling rate (100 measurements / second) guarantees an accurate analysis at the measuring point. Comprised of a CPG500 digital gauge and a CPP40 pneumatic hand test pump with a connecting cable for pressure generation. Operating manual, calibration certificate 3.1, two AA batteries and a protective rubber cap for the housing are enclosed. Includes a plastic emergency case with foam padding.

- Design:** Calibration, testing and service unit
- Accuracy:** 0,25% FS
- Messstofftemperatur:** -20 °C to +80 °C
- Ambient temperature:** -10 °C to +50 °C
- Wetted parts:** CrNi-steel with NBR seal
- Housing:** Die-cast zinc

**Note:** Further information on request

Identification	Measuring range	Connection
K-07 20 12 70	-0.95 / +40 bar	G 1/4



**Web:** <http://cat.hansa-flex.com/en/KKALIBRIERTESTUNDSERVICE>

## K-DIGITAL-ANZEIGE MIKROPROZ

### Microprocessor-controlled digital display unit

Compact, universal, digital display unit, adapts flexibly to the required measurement task in the field. No tools required. 4-digit LED display, digits 10 mm high, red.



- Inlet (free to choose):** 4 ... 20 mA, 0 ... 20 mA, 0 ... 1 V, 0 ... 10 V
- Analogue output:** Two freely programmable transistor switching outputs
- Digital output:** RS 485
- accuracy digital display compact:** ± 0.5% ± 1 digit of span
- Power supply:** 9 ... 28 V DC, max. current input 60 mA with 12 V DC (without interface)
- Protection IP:** IP 54 on front

**Note:** Further information on request

Identification	Dimension
K-07 20 10 27	48 mm x 24 mm x 65 mm

**Web:** <http://cat.hansa-flex.com/en/KDIGITALANZEIGEMIKROPROZ>

**K-AUFSTECKANZEIGE DIGITAL**

## Digital plug-in display

The digital plug-in display is freely programmable and easily mounted, and can therefore be retrofitted in a very short time without any problems, even if the transmitter is already in use. No external power supply is required. Suitable for all 4 to 20 mA transmitters with a right-angle connector. Freely programmable by means of keys inside the display.

**Display:** 4-digit 7-segment LCD display. Digit height 10 mm

**Operating temperature:** 0 °C to +50 °C

**Input signal:** 4 to 20 mA, 2-wire

**Electrical connection:** Adapter for plug to DIN 43650

**Accuracy:**  $\pm 0.2\% \pm 1$  digit of span

**Protection IP:** IP 65

**Power supply:** From 4 to 20 mA loop of transmitter

**Note:** Further information on request



Identification	Dimension	Measuring range
K-07 20 10 28	48.5 mm x 48.5 mm x 35.5 mm	-1999 to +9999 digits (min. and max. values scalable as required)

**Web:** <http://cat.hansa-flex.com/en/KAUFSTECKANZEIGEDIGITAL>

**K-BIMETALLTHERMOMETER 46**

## Bimetallic thermometers

Applications: Heating, plumbing, universal.

**Type:** 46

**Display correction:** On end of stem

**Operating pressure:** Max. 6 bar (on thermowell)

**Thermowell:** Clamped (removable), copper alloy

**Housing:** Plastic

**Inspection glass:** Plexiglass



**Note:** Further information on request

Identification	Indicating range	Ø mm	stem length	Thread
K-07 20 09 86	0 °C to +60 °C	63,0	40 mm	G 1/2
K-07 20 09 87	0 °C to +120 °C	63,0	40 mm	G 1/2
K-07 20 09 88	0 °C to +60 °C	63,0	60 mm	G 1/2
K-07 20 09 89	0 °C to +120 °C	63,0	60 mm	G 1/2
K-07 20 09 90	0 °C to +60 °C	63,0	100 mm	G 1/2
K-07 20 09 91	0 °C to +120 °C	63,0	100 mm	G 1/2
K-07 20 10 19	0 °C to +60 °C	80,0	40 mm	G 1/2
K-07 20 10 20	0 °C to +120 °C	80,0	40 mm	G 1/2
K-07 20 10 21	0 °C to +60 °C	80,0	60 mm	G 1/2
K-07 20 10 22	0 °C to +120 °C	80,0	60 mm	G 1/2
K-07 20 10 23	0 °C to +60 °C	80,0	100 mm	G 1/2
K-07 20 10 24	0 °C to +120 °C	80,0	100 mm	G 1/2

**Web:** <http://cat.hansa-flex.com/en/KBIMETALLTHERMOMETER46>

**K-BIMETALLTHERMOMETER 52-1****Bimetallic thermometers**

Applications: Versatile design for use in industrial applications.

**Type:** 52  
**Display correction:** Trimming pointer  
**Operating pressure:** Max. 25 bar (on stem)  
**Stem:** Ø 8 mm, CrNi steel 1.4571  
**Housing, ring:** CrNi steel  
**Inspection glass:** Flat instrument glass

**Note:** Further information on request

Identification	Indicating range	Ø mm	stem length	Thread
K-07 20 02 72	-30 °C to +50 °C	100,0	63 mm	G 1/2
K-07 20 02 73	0 °C to +120 °C	100,0	63 mm	G 1/2
K-07 20 02 74	0 °C to +160 °C	100,0	63 mm	G 1/2
K-07 20 02 75	0 °C to +200 °C	100,0	63 mm	G 1/2
K-07 20 02 76	-30 °C to +50 °C	100,0	100 mm	G 1/2
K-07 20 02 77	0 °C to +120 °C	100,0	100 mm	G 1/2
K-07 20 02 78	0 °C to +160 °C	100,0	100 mm	G 1/2
K-07 20 02 79	0 °C to +200 °C	100,0	100 mm	G 1/2
K-07 20 02 80	0 °C to +250 °C	100,0	100 mm	G 1/2
K-07 20 02 81	-30 °C to +50 °C	100,0	160 mm	G 1/2
K-07 20 02 82	0 °C to +120 °C	100,0	160 mm	G 1/2
K-07 20 02 83	0 °C to +200 °C	100,0	160 mm	G 1/2

**Web:** <http://cat.hansa-flex.com/en/KBIMETALLTHERMOMETER521>

**K-BIMETALLTHERMOMETER 52-2****Bimetallic thermometers**

Applications: Extremely versatile design for use in machine, vessel, pipeline and plant construction as well as for heating systems.

**Type:** 52  
**Display correction:** Trimming pointer  
**Operating pressure:** Max. 25 bar (on thermowell)  
**Please also order:** Thermowell (removable) with locking screw  
**Stem:** Ø 8 mm, CrNi steel  
**Housing, ring:** CrNi steel  
**Inspection glass:** Flat instrument glass

**Note:** Further information on request

Identification	Indicating range	Ø mm	stem length	Connection
K-07 20 07 26	-30 °C to +50 °C	63,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 27	0 °C to +120 °C	63,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 28	0 °C to +160 °C	63,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 29	0 °C to +200 °C	63,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 30	0 °C to +250 °C	63,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 31	-30 °C to +50 °C	63,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 32	0 °C to +120 °C	63,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 33	0 °C to +160 °C	63,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 34	0 °C to +200 °C	63,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 35	0 °C to +250 °C	63,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 36	-30 °C to +50 °C	63,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 37	0 °C to +120 °C	63,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 07 38	0 °C to +160 °C	63,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 11	-30 °C to +50 °C	100,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 12	0 °C to +120 °C	100,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 13	0 °C to +160 °C	100,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 14	0 °C to +250 °C	100,0	thermowell L1 = 63mm, L2 = 43mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 15	-30 °C to +50 °C	100,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 16	0 °C to +120 °C	100,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 17	0 °C to +160 °C	100,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K-07 20 02 18	0 °C to +200 °C	100,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm



(Continued)

## K-BIMETALLTHERMOMETER 52-2

## Bimetallic thermometers

Identification	Indicating range	Ø mm	stem length	Connection
K- 07 20 02 19	0 °C to +250 °C	100,0	thermowell L1 = 100mm, L2 = 80mm	Flush, with collar for thermowell, Ø 18 mm
K- 07 20 02 20	-30 °C to +50 °C	100,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K- 07 20 02 21	0 °C to +120 °C	100,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K- 07 20 02 22	0 °C to +160 °C	100,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K- 07 20 02 23	0 °C to +200 °C	100,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm
K- 07 20 02 24	0 °C to +250 °C	100,0	thermowell L1 = 160mm, L2 = 140mm	Flush, with collar for thermowell, Ø 18 mm

**Web:** <http://cat.hansa-flex.com/en/KBIMETALLTHERMOMETER522>

**Accessories:**

**K-SCHUTZROHRE EINSCHRAUB** - Screw-in thermowells

**K-SCHUTZROHRE EINSCHWEISS** - Weld-in thermowells

## K-SCHUTZROHRE EINSCHRAUB

## Screw-in thermowells

For bimetallic thermometers in the »High quality« series.

**Operating pressure:** Max. 6 bar (copper alloy), Max. 25 bar (stainless steel)

**Ø bead:** 26 mm

**Ø protective tube:** 10 mm

**Material:** Copper alloy, CrNi-Steel 1.4571



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**Note:** Further information on request

Identification	Connecting thread	Overall length	AF mm	Material
K- 07 20 11 35	G 1/2	L1 = 63 mm	27	Copper alloy
K- 07 20 11 36	G 1/2	L1 = 100 mm	27	Copper alloy
K- 07 20 11 37	G 1/2	L1 = 160 mm	27	Copper alloy
K- 07 20 11 38	G 1/2	L1 = 63 mm	27	CrNi steel 1.4571
K- 07 20 11 39	G 1/2	L1 = 100 mm	27	CrNi steel 1.4571
K- 07 20 11 40	G 1/2	L1 = 160 mm	27	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KSCHUTZROHREINSCHRAUB>

**Accessories:**

**K-BIMETALLTHERMOMETER 52-2** - Bimetallic thermometers

## K-SCHUTZROHRE EINSCHWEISS

## Weld-in thermowells

For bimetallic thermometers in the »High quality« series.

**Operating pressure:** Max. 25 bar

**length weld cone:** 33 mm

**Ø protective tube:** 10 mm

**Ø weld cone:** 24 mm



**Note:** Further information on request

Identification	Overall length	Material
K- 07 20 11 41	L2 = 43 mm	CrNi steel 1.4571



**K-SCHUTZROHRE EINSCHWEISS**

(Continued)

**Weld-in thermowells**

Identification	Overall length	Material
K-07 20 11 42	L2 = 80 mm	CrNi steel 1.4571
K-07 20 11 43	L 2 = 140 mm	CrNi steel 1.4571

**Web:** <http://cat.hansa-flex.com/en/KSCHUTZROHREINSCHWEISS>**Accessories:****K-BIMETALLTHERMOMETER 52-2** - Bimetallic thermometers





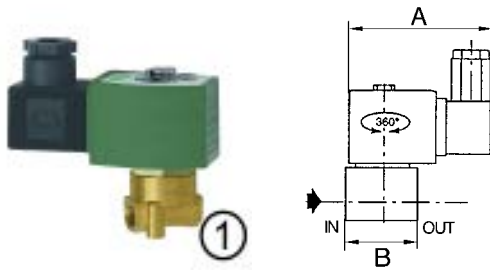
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### K-MV G D 230 V, 50 - 60 HZ

Normally closed, directly operated, 230 V, 50 to 60 Hz



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** ISO 4400. cable socket (Pg 11P)
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

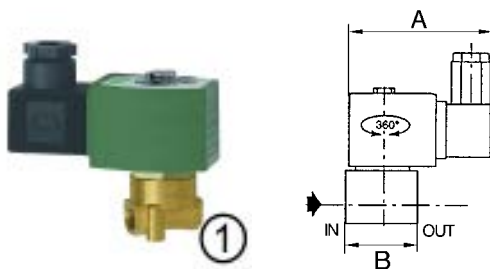
Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 35	G 1/8	12	3,2	NBR	75,0	30,0	1
K-07 30 22 37	G 1/8	12	3,2	FKM	75,0	30,0	1
K-07 30 22 36	G 1/4	11	3,2	NBR	75,0	40,0	2
K-07 30 22 38	G 1/4	11	3,2	FKM	75,0	40,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVG230V5060HZ>

### K-MV G D 24 V DC

Normally closed, directly operated, 24 V DC (direct current)



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** ISO 4400. cable socket (Pg 11P)
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 08	G 1/8	5	3,2	NBR	75,0	30,0	1
K-07 30 23 10	G 1/8	5	3,2	FKM	75,0	30,0	1



(Continued)

K-MV G D 24 V DC

Normally closed, directly operated, 24 V DC (direct current)

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K- 07 30 23 09	G 1/4	4	3,2	NBR	75,0	40,0	2
K- 07 30 23 11	G 1/4	4	3,2	FKM	75,0	40,0	2



Web: <http://cat.hansa-flex.com/en/KMVG24VDC>

K-MV O D 230 V, 50 - 60 HZ 1

Normally open, directly operated, 230 V, 50 to 60 Hz

Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** ISO 4400. cable socket (Pg 11P)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal

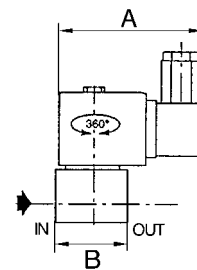
**Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request



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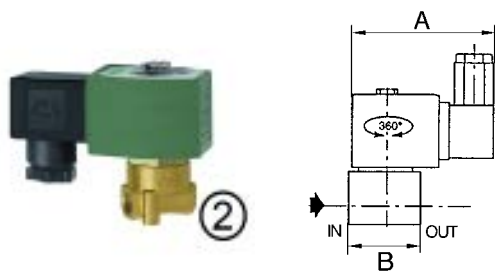
Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K- 07 30 23 62	Rp 1/8	20	2,4	NBR	75,0	33,0	7
K- 07 30 23 64	Rp 1/8	20	2,4	FKM	75,0	33,0	1
K- 07 30 23 63	G 1/4	9	3,2	NBR	80,0	40,0	2
K- 07 30 23 65	G 1/4	9	3,2	FKM	80,0	40,0	2



Web: <http://cat.hansa-flex.com/en/KMVOD230V5060HZ1>

## K-MV O D 24 V DC 1

Normally open, directly operated, 24 V DC (direct current)



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** ISO 4400. cable socket (Pg 11P)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal

**Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

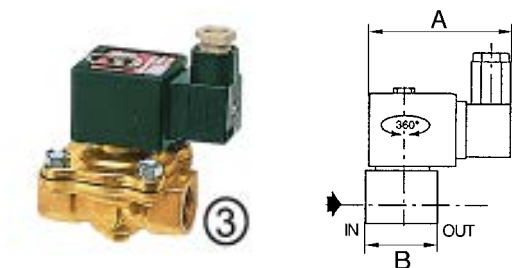
Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 85	Rp 1/8	13	2,4	NBR	75,0	33,0	7
K-07 30 23 86	G 1/4	6	3,2	NBR	80,0	40,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVOD24VDC1>

## K-MV G Z 230 V, 50 - 60 HZ 1

Normally closed, combined operation, 230 V, 50 to 60 Hz



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** ISO 4400. cable socket (Pg 11P)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal

**Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 84	Rp 3/8	9	16,0	NBR	80,0	70,0	3
K-07 30 22 90	Rp 3/8	9	16,0	FKM	80,0	70,0	3
K-07 30 22 85	Rp 1/2	9	16,0	NBR	80,0	70,0	3
K-07 30 22 91	Rp 1/2	9	16,0	FKM	80,0	70,0	3
K-07 30 22 86	Rp 3/4	9	19,0	NBR	80,0	70,0	3
K-07 30 22 92	Rp 3/4	9	19,0	FKM	80,0	70,0	3
K-07 30 22 87	Rp 1	9	25,0	NBR	86,0	95,0	3
K-07 30 22 93	Rp 1	9	25,0	FKM	86,0	95,0	3
K-07 30 22 88	Rp 1 1/4	9	28,0	NBR	86,0	95,0	3
K-07 30 22 89	Rp 1 1/2	9	32,0	FKM	86,0	111,0	3

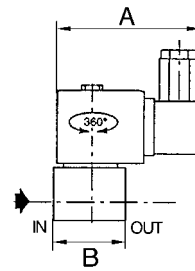
**Web:** <http://cat.hansa-flex.com/en/KMVGZ230V5060HZ1>

### K-MV G Z 24 V DC 1

#### Normally closed, combined operation, 24 V DC (direct current)

Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** ISO 4400. cable socket (Pg 11P)
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM



**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 53	Rp 3/8	3	16,0	NBR	80,0	70,0	3
K-07 30 23 54	Rp 1/2	3	16,0	NBR	80,0	70,0	3

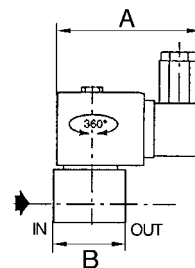
**Web:** <http://cat.hansa-flex.com/en/KMVGZ24VDC1>

### K-MV O Z 230 V, 50 - 60 HZ

#### Normally open, combined operation, 230 V, 50 to 60 Hz

Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** ISO 4400. cable socket (Pg 11P)
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM



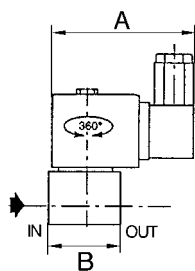
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 77	Rp 3/8	9	16,0	NBR	80,0	70,0	3
K-07 30 23 81	Rp 3/8	9	16,0	FKM	80,0	70,0	3
K-07 30 23 78	Rp 1/2	9	16,0	NBR	80,0	70,0	3
K-07 30 23 82	Rp 1/2	9	16,0	FKM	80,0	70,0	3
K-07 30 23 79	Rp 3/4	9	19,0	NBR	80,0	70,0	3
K-07 30 23 83	Rp 3/4	9	19,0	FKM	80,0	70,0	3

**Web:** <http://cat.hansa-flex.com/en/KMVOZ230V5060HZ>

## K-MV O Z 24 V DC

Normally open, combined operation, 24 V DC (direct current)



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** ISO 4400. cable socket (Pg 11P)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal

**Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

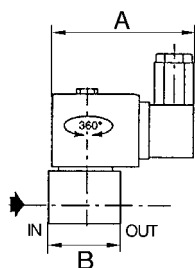
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 24 00	Rp 3/8	9	16,0	NBR	80,0	70,0	3
K-07 30 24 01	Rp 1/2	9	16,0	NBR	80,0	70,0	3
K-07 30 24 02	Rp 3/4	9	19,0	NBR	80,0	70,0	3

**Web:** <http://cat.hansa-flex.com/en/KMVOZ24VDC>

## K-MV G V 230 V, 50 - 60 HZ

Normally closed, pilot-operated, 230 V, 50 to 60 Hz



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** ISO 4400. cable socket (Pg 11P)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal

**Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 54	Rp 3/8	14	0,35	16,0	NBR	75,0	70,0	3
K-07 30 22 61	Rp 3/8	14	0,35	16,0	FKM	75,0	70,0	3
K-07 30 22 55	Rp 1/2	14	0,35	16,0	NBR	75,0	70,0	3
K-07 30 22 62	Rp 1/2	14	0,35	16,0	FKM	75,0	70,0	3
K-07 30 22 56	Rp 3/4	9	0,35	19,0	NBR	75,0	71,0	3
K-07 30 22 63	Rp 3/4	9	0,35	19,0	FKM	75,0	71,0	3
K-07 30 22 57	Rp 1	9	0,35	25,0	NBR	75,0	95,0	4
K-07 30 22 64	Rp 1	9	0,35	25,0	FKM	75,0	95,0	4
K-07 30 22 58	Rp 1 1/4	9	0,35	28,0	NBR	75,0	95,0	4
K-07 30 22 65	Rp 1 1/4	9	0,35	28,0	FKM	75,0	95,0	4
K-07 30 22 59	Rp 1 1/2	9	0,35	32,0	NBR	75,0	111,0	5



(Continued)

K-MV G V 230 V, 50 - 60 HZ

Normally closed, pilot-operated, 230 V, 50 to 60 Hz

Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K- 07 30 22 66	Rp 1 1/2	9	0,35	32,0	FKM	75,0	111,0	5
K- 07 30 22 60	Rp 2	9	0,35	44,0	NBR	75,0	129,0	5



Web: <http://cat.hansa-flex.com/en/KMVG230V5060HZ>

K-MV G V 24 V DC

Normally closed, pilot-operated, 24 V DC (direct current)

Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** ISO 4400. cable socket (Pg 11P)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal

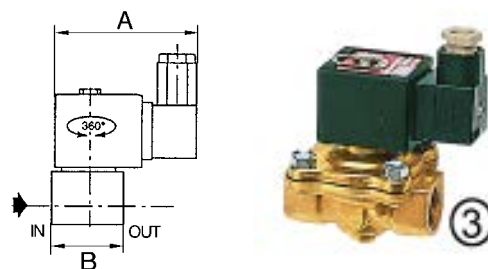
**Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request



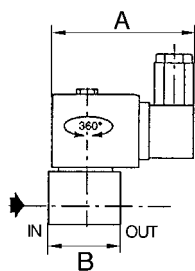
Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K- 07 30 23 24	Rp 3/8	9	0,35	16,0	NBR	80,0	70,0	3
K- 07 30 23 30	Rp 3/8	9	0,35	16,0	FKM	80,0	70,0	3
K- 07 30 23 91	Rp 1/2	9	0,35	16,0	NBR	80,0	70,0	3
K- 07 30 23 31	Rp 1/2	9	0,35	16,0	FKM	80,0	70,0	3
K- 07 30 23 25	Rp 3/4	7	0,35	19,0	NBR	80,0	71,0	3
K- 07 30 23 32	Rp 3/4	7	0,35	19,0	FKM	80,0	71,0	3
K- 07 30 23 26	Rp 1	9	0,35	25,0	NBR	80,0	95,0	4
K- 07 30 23 33	Rp 1	9	0,35	25,0	FKM	80,0	95,0	4
K- 07 30 23 27	Rp 1 1/4	9	0,35	28,0	NBR	80,0	95,0	4
K- 07 30 23 34	Rp 1 1/4	9	0,35	28,0	FKM	80,0	95,0	4
K- 07 30 23 28	Rp 1 1/2	9	0,35	32,0	NBR	80,0	111,0	5
K- 07 30 23 35	Rp 1 1/2	9	0,35	32,0	FKM	80,0	111,0	5
K- 07 30 23 29	Rp 2	3	0,35	44,0	NBR	80,0	129,0	5



Web: <http://cat.hansa-flex.com/en/KMVG24VDC>

### K-MV O V 230 V, 50 - 60 HZ

Normally open, pilot-operated, 230 V, 50 to 60 Hz



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** ISO 4400. cable socket (Pg 11P)
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM

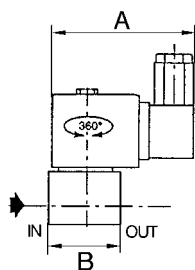
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 80	Rp 1	9	0,35	25,0	NBR	86,0	95,0	4
K-07 30 23 84	Rp 1	9	0,35	25,0	FKM	86,0	95,0	4

**Web:** <http://cat.hansa-flex.com/en/KMVOV230V5060HZ>

### K-MV O V 24 V DC

Normally open, pilot-operated, 24 V DC (direct current)



Standard series, proven over many years, available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** ISO 4400. cable socket (Pg 11P)
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +80 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Thread description:** G-thread acc. to DIN EN ISO 228-1, Rp-thread acc. to ISO 7-1
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM

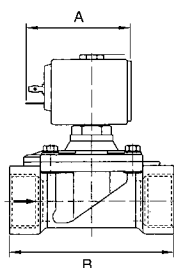
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 92	Rp 1	9	0,35	25,0	NBR	86,0	95,0	4

**Web:** <http://cat.hansa-flex.com/en/KMVOV24VDC>

### K-MV G D 230 V, 50 - 60 HZ 1

Normally closed, directly operated, 230 V, 50 to 60 Hz



Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

- Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)
- Housing, valve seat:** Brass
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 39	G 1/8	18	2,3	FKM	41,0	30,0	1
K-07 30 22 40	G 1/8	6	2,3	FKM	41,0	30,0	1
K-07 30 22 41	G 1/8	14	2,5	FKM	54,0	40,0	2
K-07 30 22 42	G 1/8	10	3,0	FKM	54,0	40,0	2





(Continued)

K-MV G D 230 V, 50 - 60 HZ 1

Normally closed, directly operated, 230 V, 50 to 60 Hz

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 43	G 1/4	14	2,5	FKM	54,0	40,0	2
K-07 30 22 44	G 1/4	10	3,0	FKM	54,0	40,0	2
K-07 30 22 45	G 1/4	5	4,5	FKM	54,0	40,0	2



Web: <http://cat.hansa-flex.com/en/KMVG230V5060HZ1>

K-MV G D 24 V DC 1

Normally closed, directly operated, 24 V DC (direct current)

Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

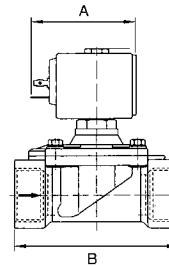
**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM



**Note:** Further information on request

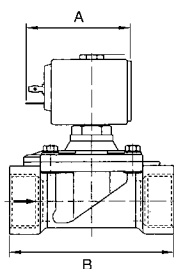
Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 12	G 1/8	8	2,3	FKM	41,0	30,0	1
K-07 30 23 13	G 1/8	9	2,5	FKM	54,0	40,0	2
K-07 30 23 14	G 1/8	6	3,0	FKM	54,0	40,0	2
K-07 30 23 15	G 1/4	9	2,5	FKM	54,0	40,0	2
K-07 30 23 16	G 1/4	6	3,0	FKM	54,0	40,0	2
K-07 30 23 17	G 1/4	2	4,5	FKM	54,0	40,0	2



Web: <http://cat.hansa-flex.com/en/KMVG24VDC1>

### K-MV O D 230 V, 50 - 60 HZ

Normally open, directly operated, 230 V, 50 to 60 Hz



Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

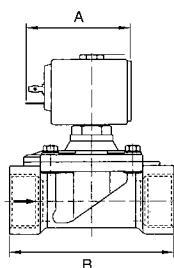
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 66	G 1/8	20	2,0	FKM	54,0	40,0	2
K-07 30 23 67	G 1/8	14	2,5	FKM	54,0	40,0	2
K-07 30 23 68	G 1/4	10	3,0	FKM	54,0	40,0	2
K-07 30 23 69	G 1/4	4	4,5	FKM	54,0	40,0	2

**Web:** <http://cat.hansa-flex.com/en/KMVOD230V5060HZ>

### K-MV O D 24 V DC

Normally open, directly operated, 24 V DC (direct current)



Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

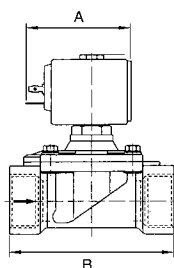
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 87	G 1/8	20	2,0	FKM	54,0	40,0	2
K-07 30 23 88	G 1/8	14	2,5	FKM	54,0	40,0	2
K-07 30 23 89	G 1/4	10	3,0	FKM	54,0	40,0	2
K-07 30 23 90	G 1/4	4	4,5	FKM	54,0	40,0	2

**Web:** <http://cat.hansa-flex.com/en/KMVOD24VDC>

### K-MV G Z 230 V, 50 - 60 HZ

Normally closed, combined operation, 230 V, 50 to 60 Hz



Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 94	G 3/8	14	11,0	NBR/PA	54,0	56,0	8
K-07 30 22 95	G 1/2	14	16,0	NBR/PA	54,0	70,0	8
K-07 30 22 96	G 3/4	14	16,0	NBR/PA	54,0	70,0	8



(Continued)

K-MV G Z 230 V, 50 - 60 Hz

Normally closed, combined operation, 230 V, 50 to 60 Hz

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 97	G 1	14	25,0	NBR/PA	67,0	104,0	8
K-07 30 22 98	G 1	16	25,0	NBR/PA	54,0	104,0	8

Web: <http://cat.hansa-flex.com/en/KMVGZ230V5060HZ>

K-MV G Z 24 V DC

Normally closed, combined operation, 24 V DC (direct current)

Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

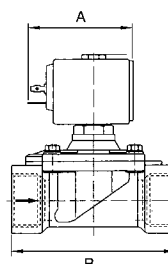
**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM



**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 55	G 3/8	14	11,0	NBR/PA	67,0	56,0	8
K-07 30 23 56	G 1/2	14	16,0	NBR/PA	67,0	70,0	8
K-07 30 23 57	G 3/4	14	16,0	NBR/PA	67,0	70,0	8
K-07 30 23 58	G 1	6	25,0	NBR/PA	67,0	104,0	8

Web: <http://cat.hansa-flex.com/en/KMVGZ24VDC>

K-MV G V 230 V, 50 - 60 Hz 1

Normally closed, pilot-operated, 230 V, 50 to 60 Hz

Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

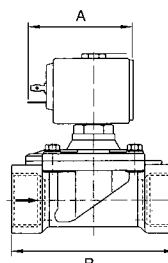
**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM



**Note:** Further information on request

Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 67	G 3/8	20	0,10	12,0	FKM	54,0	50,0	3
K-07 30 22 68	G 3/8	20	0,10	12,0	NBR	54,0	50,0	3
K-07 30 22 69	G 3/8	16	0,20	13,0	NBR	54,0	60,0	4
K-07 30 22 70	G 3/8	16	0,20	13,0	FKM	54,0	60,0	4
K-07 30 22 71	G 3/8	12	0,20	13,0	NBR	40,0	60,0	5
K-07 30 22 72	G 3/8	12	0,20	13,0	FKM	40,0	60,0	5
K-07 30 22 73	G 1/2	20	0,10	12,0	FKM	54,0	50,0	3
K-07 30 22 74	G 1/2	20	0,10	12,0	NBR	54,0	50,0	3
K-07 30 22 75	G 1/2	16	0,20	13,0	NBR	54,0	66,0	4
K-07 30 22 76	G 1/2	16	0,20	13,0	FKM	54,0	66,0	4
K-07 30 22 77	G 1/2	12	0,20	13,0	NBR	40,0	66,0	5
K-07 30 22 78	G 1/2	12	0,20	13,0	FKM	40,0	66,0	5
K-07 30 22 79	G 3/4	16	0,20	19,0	NBR	54,0	104,0	6
K-07 30 22 80	G 1	16	0,20	25,0	NBR	54,0	104,0	6
K-07 30 22 81	G 1 1/4	10	0,20	35,0	NBR	54,0	144,0	6



### K-MV G V 230 V, 50 - 60 HZ 1

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Normally closed, pilot-operated, 230 V, 50 to 60 Hz

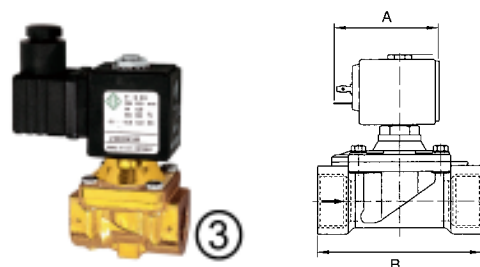
Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 82	G 1 1/2	10	0,20	40,0	NBR	54,0	144,0	6
K-07 30 22 83	G 2	10	0,20	50,0	NBR	54,0	172,0	6



Web: <http://cat.hansa-flex.com/en/KMVG230V5060HZ1>

### K-MV G V 24 V DC 1

Normally closed, pilot-operated, 24 V DC (direct current)



Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM

Note: Further information on request

Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 36	G 3/8	10	0,10	12,0	FKM	54,0	50,0	3
K-07 30 23 37	G 3/8	10	0,10	12,0	NBR	54,0	50,0	3
K-07 30 23 38	G 3/8	16	0,20	13,0	NBR	54,0	60,0	4
K-07 30 23 39	G 3/8	16	0,20	13,0	FKM	54,0	60,0	4
K-07 30 23 40	G 3/8	12	0,20	13,0	NBR	40,0	60,0	5
K-07 30 23 41	G 3/8	12	0,20	13,0	FKM	40,0	60,0	5
K-07 30 23 42	G 1/2	10	0,10	12,0	FKM	54,0	50,0	3
K-07 30 23 43	G 1/2	10	0,10	12,0	NBR	54,0	50,0	3
K-07 30 23 44	G 1/2	16	0,20	13,0	NBR	54,0	66,0	4
K-07 30 23 45	G 1/2	16	0,20	13,0	FKM	54,0	66,0	4
K-07 30 23 46	G 1/2	12	0,20	13,0	NBR	40,0	66,0	5
K-07 30 23 47	G 1/2	12	0,20	13,0	FKM	40,0	66,0	5
K-07 30 23 48	G 3/4	16	0,20	19,0	NBR	54,0	104,0	6
K-07 30 23 49	G 1	16	0,20	25,0	NBR	54,0	104,0	6
K-07 30 23 50	G 1 1/4	10	0,20	35,0	NBR	54,0	144,0	6
K-07 30 23 51	G 1 1/2	10	0,20	40,0	NBR	54,0	144,0	6
K-07 30 23 52	G 2	10	0,20	50,0	NBR	54,0	172,0	6



Web: <http://cat.hansa-flex.com/en/KMVG24VDC1>

**K-MV O V 230 V, 50 - 60 HZ 1**

Normally open, pilot-operated, 230 V, 50 to 60 Hz

Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

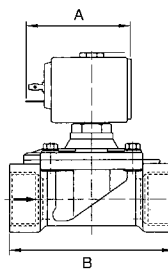
**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM



**Note:** Further information on request

Identification	Thread	Max. working pressure		DN	Sealant	A	B	Type
		bar	bar					
K-07 30 23 70	G 3/8	16	0,20	13,0	NBR	54,0	60,0	4
K-07 30 23 71	G 1/2	16	0,20	13,0	NBR	54,0	66,0	4
K-07 30 23 72	G 3/4	16	0,20	19,0	NBR	54,0	104,0	6
K-07 30 23 73	G 1	16	0,20	25,0	NBR	54,0	104,0	6
K-07 30 23 74	G 1 1/4	10	0,20	35,0	NBR	54,0	144,0	6
K-07 30 23 75	G 1 1/2	10	0,20	40,0	NBR	54,0	144,0	6
K-07 30 23 76	G 2	10	0,20	50,0	NBR	54,0	172,0	6



**Web:** <http://cat.hansa-flex.com/en/KMVOV230V5060HZ1>

**K-MV O V 24 V DC 1**

Normally open, pilot-operated, 24 V DC (direct current)

Economy series available in three different versions: Directly operated, Combined operation, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For connector socket Pg 9/Pg 11, acc. to ISO 4400

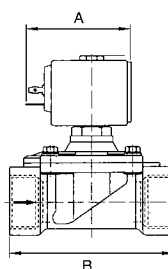
**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** -10 °C to +90 °C (NBR); -10 °C bis +140 °C (FKM)

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR) or FKM



**Note:** Further information on request

Identification	Thread	Max. working pressure		DN	Sealant	A	B	Type
		bar	bar					
K-07 30 23 93	G 3/8	16	0,20	13,0	NBR	54,0	60,0	4
K-07 30 23 94	G 1/2	16	0,20	13,0	NBR	54,0	66,0	4
K-07 30 23 95	G 3/4	16	0,20	19,0	NBR	54,0	104,0	6
K-07 30 23 96	G 1	16	0,20	25,0	NBR	54,0	104,0	6
K-07 30 23 97	G 1 1/4	10	0,20	35,0	NBR	54,0	144,0	6



**K-MV O V 24 V DC 1**

(Continued)

Normally open, pilot-operated, 24 V DC (direct current)

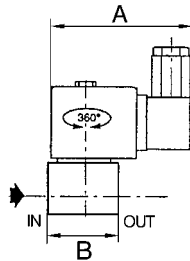
Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 98	G 1 1/2	10	0,20	40,0	NBR	54,0	144,0	6
K-07 30 23 99	G 2	10	0,20	50,0	NBR	54,0	172,0	6



Web: <http://cat.hansa-flex.com/en/KMVOV24VDC1>

**K-MV 3/2 ELK**

Solenoid valves

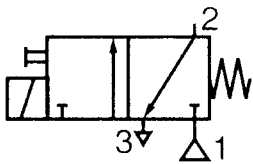


Directly operated seat valve with spring return and manual operator. Also suitable for vacuum operation.

- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** -10 °C to +100 °C
- Vent port:** M 5
- Applications:** Compressed air and neutral, non-toxic gases, not suitable for liquids
- Operating pressure:** min. 0,0 bar; max. 15,0 bar
- Electrical part:** system connection plug, 180° movement, PG7, exchangeable magnetic heads AC/DC
- Nominal diameter:** 1,2 mm
- Ambient temperature:** -10 °C to +60 °C
- Housing:** Brass
- Internal parts:** Stainless steel
- Seals:** FPM

Note: Further information on request

Identification	Thread	Voltage	A mm	B mm
K-07 30 22 50	G 1/8	230/50 V AC, 50 Hz	58,0	33,0
K-07 30 22 51	G 1/8	24 V DC	58,0	33,0



Web: <http://cat.hansa-flex.com/en/KMV32ELK>

**K-MV 3/2 230 V, 50 - 60 HZ**
**3/2-way solenoid valves, normally closed, directly operated, 230 V, 50 to 60 Hz**

For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For Pg 11P connector socket, acc. to ISO 4400

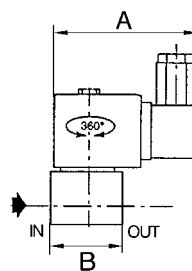
**Protection IP:** IP65 (with connector socket fitted)

**Thread description:** Rp thread acc. to ISO 7-1

**Housing, valve seat:** Brass

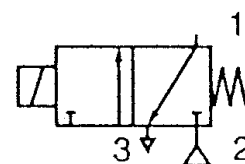
**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR)



**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	A mm	B mm	Type
K-07 30 22 52	Rp 1/8	7	2,4	75,0	30,0	7
K-07 30 22 53	Rp 1/4	6	3,2	80,0	43,0	10



**Web:** <http://cat.hansa-flex.com/en/KMV32230V5060HZ>

**K-MV 3/2 24V DC**
**3/2-way solenoid valves, normally closed, directly operated, 24 V DC (direct current)**

For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** For Pg 11P connector socket, acc. to ISO 4400

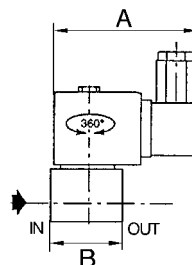
**Protection IP:** IP65 (with connector socket fitted)

**Thread description:** Rp thread acc. to ISO 7-1

**Housing, valve seat:** Brass

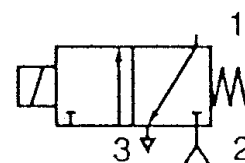
**Internal parts:** Stainless steel

**Seal:** Perbunan (NBR)



**Note:** Further information on request

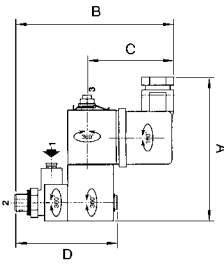
Identification	Thread	Max. working pressure bar	DN	A mm	B mm	Type
K-07 30 23 22	Rp 1/8	7	2,4	75,0	30,0	7
K-07 30 23 23	Rp 1/4	4	3,2	80,0	43,0	10



**Web:** <http://cat.hansa-flex.com/en/KMV3224VDC>

### K-MV 3/2 BANJO

#### Solenoid valves

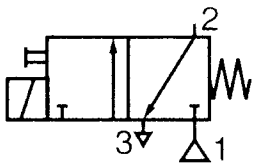


Compact solenoid valves for mounting directly on the actuator (single-acting cylinder, valve, etc.). Optimum installation Supply port (1), solenoid valve body, coil and cable socket can be rotated 360°, Manual operator, Exhaust air restrictor available on

- Media temperature:** max. +60 °C
- Connection:** Port 1: Plug connection for hose outside Ø 4 mm; Port 2: G 1/8 thread; Relief port 3: M 5 thread
- electric variant:** acc. france norm NF C79300
- Operating pressure:** Max. 10 bar
- Operating temperature:** max. +60 °C
- Housing:** Polyamide (glass fibre-reinforced)
- Seal:** Perbunan (NBR)

**Note:** Further information on request

Identification	Thread	C mm	D mm	Voltage	A mm	B mm
K-07 30 22 34	G 1/8 male	49,0	58,0	230/50 V	79,0	90,0
K-07 30 23 07	G 1/8 male	49,0	58,0	24 V DC	79,0	90,0

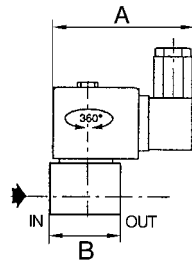


**Web:** <http://cat.hansa-flex.com/en/KMV32BANJO>

6

### K-MV G 230 V, 50 - 60 HZ D

#### Normally closed, 230 V, 50 to 60 Hz, directly operated

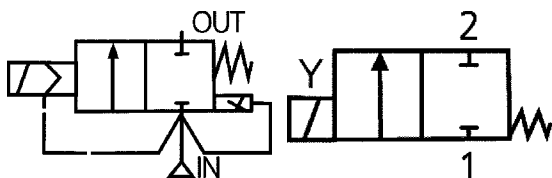


Available versions, Directly operated, Combined operation

- Electrical connection:** For Pg 11P connector socket, acc. to DIN 4400
- Protection IP:** IP65 (with connector socket fitted)
- Media temperature:** max. +90 °C with Perbunan-seal; max. +130 °C with FKM-Seal
- Housing, valve seat:** Stainless steel
- Internal parts:** Stainless steel
- Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 46	G 1/8	20	2,4	NBR	80,0	30,0	1
K-07 30 22 48	G 1/8	20	2,4	FKM	80,0	30,0	1
K-07 30 22 47	G 1/4	12	4,0	NBR	85,0	45,0	1
K-07 30 22 49	G 1/4	12	4,0	FKM	85,0	45,0	1



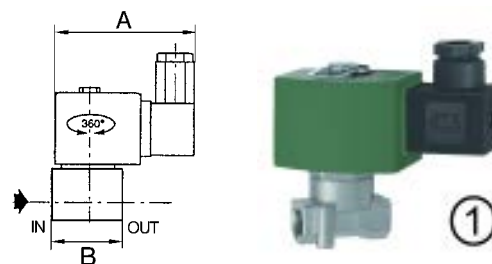
**Web:** <http://cat.hansa-flex.com/en/KMVG230V5060HZD>



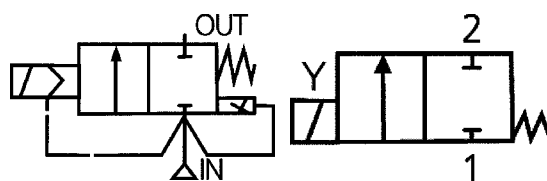
**K-MV G 24 V DC D**

Normally closed, 24 V DC (direct current), directly operated

Available versions, Directly operated, Combined operation

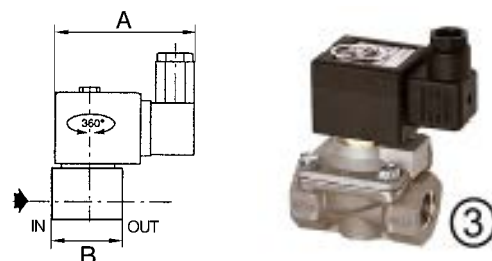
**Electrical connection:** For Pg 11P connector socket, acc. to DIN 4400**Protection IP:** IP65 (with connector socket fitted)**Media temperature:** max. +90 °C with Perbunan-seal; max. +130 °C with FKM-Seal**Housing, valve seat:** Stainless steel**Internal parts:** Stainless steel**Seal:** Perbunan (NBR) or FKM**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 18	G 1/8	10	2,4	NBR	80,0	30,0	1
K-07 30 23 20	NPT 1/8	10	2,4	FKM	80,0	30,0	1
K-07 30 23 19	G 1/4	3	4,0	NBR	80,0	45,0	1
K-07 30 23 21	G 1/4	3	4,0	FKM	80,0	45,0	1

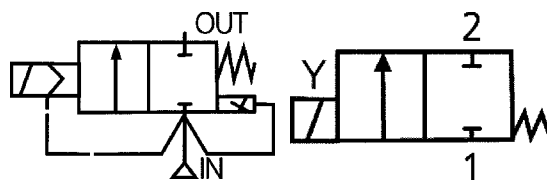
**Web:** <http://cat.hansa-flex.com/en/KMVG24VDCD>**K-MV G 230 V, 50 - 60 HZ Z**

Normally closed, 230 V, 50 to 60 Hz, combined operation

Available versions, Directly operated, Combined operation

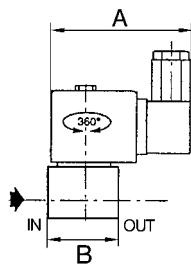
**Electrical connection:** For Pg 11P connector socket, acc. to DIN 4400**Protection IP:** IP65 (with connector socket fitted)**Media temperature:** max. +90 °C with Perbunan-seal; max. +130 °C with FKM-Seal**Housing, valve seat:** Stainless steel**Internal parts:** Stainless steel**Seal:** Perbunan (NBR) or FKM**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 22 99	G 1/2	9	16,0	NBR	80,0	71,0	3
K-07 30 23 01	G 1/2	9	16,0	FKM	80,0	71,0	3
K-07 30 23 00	G 3/4	9	16,0	NBR	80,0	71,0	3

**Web:** <http://cat.hansa-flex.com/en/KMVG230V5060HZZ>

**K-MV G 24 V DC Z**

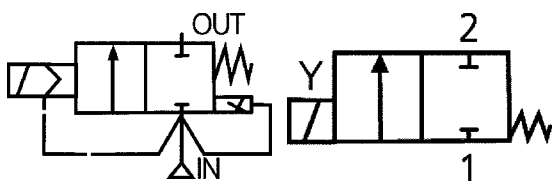
Normally closed, 24 V DC (direct current), combined operation



Available versions, Directly operated, Combined operation  
**Electrical connection:** For Pg 11P connector socket, acc. to DIN 4400  
**Protection IP:** IP65 (with connector socket fitted)  
**Media temperature:** max. +90 °C with Perbunan-seal; max. +130 °C with FKM-Seal  
**Housing, valve seat:** Stainless steel  
**Internal parts:** Stainless steel  
**Seal:** Perbunan (NBR) or FKM

**Note:** Further information on request

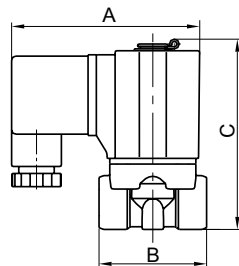
Identification	Thread	Max. working pressure bar	DN	Sealant	A mm	B mm	Type
K-07 30 23 59	G 1/2	3	16,0	NBR	80,0	71,0	3
K-07 30 23 61	G 1/2	3	16,0	FKM	80,0	71,0	3
K-07 30 23 60	G 3/4	3	16,0	NBR	80,0	71,0	3



**Web:** <http://cat.hansa-flex.com/en/KMVG24VDCZ>

**K-MV G (NC) D 230 V, 50 HZ STA**

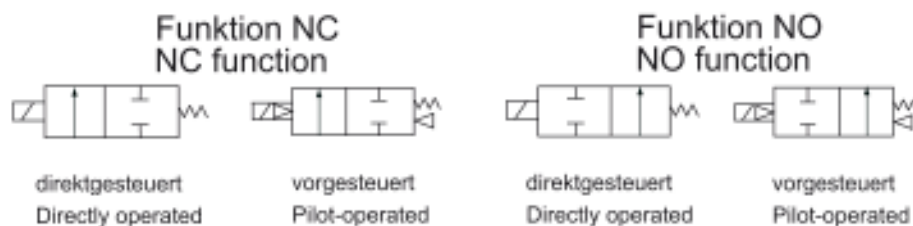
Normally closed, (NC), directly operated, 230 V, 50 Hz, standard type



Standard series in two different versions: Directly operated, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.  
**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket  
**Protection IP:** IP 65  
**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Housing, valve seat:** Brass  
**Internal parts:** Stainless steel  
**Seal:** FPM

**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 56	G 1/8	10	3,0	70,0	40,0	70,7	1
K-07 30 01 57	G 1/4	10	3,0	70,0	40,0	70,7	1
K-07 30 01 58	G 3/8	10	5,0	85,0	52,0	87,0	1
K-07 30 01 59	G 1/2	10	5,0	85,0	52,0	87,0	1



**Web:** <http://cat.hansa-flex.com/en/KMVGNC230V50HZSTA>

**K-MV G (NC) D 230 V, 50 HZ H**

Normally closed, (NC), directly operated, 230 V, 50 Hz, for high pressures

Standard series in two different versions: Directly operated, Pilot-operated.  
For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

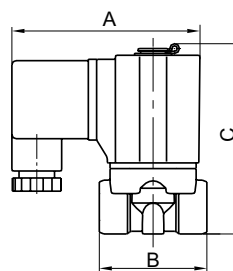
**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

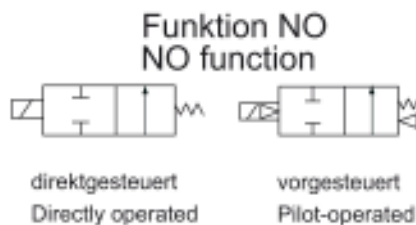
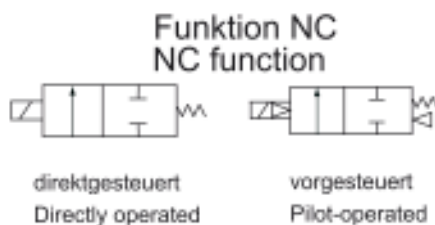
**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request



Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 60	G 1/8	30	1,5	70,0	40,0	70,7	1
K-07 30 01 61	G 1/4	30	1,5	70,0	40,0	70,7	1
K-07 30 01 62	G 3/8	30	3,0	85,0	52,0	87,0	1
K-07 30 01 63	G 1/2	30	3,0	85,0	52,0	87,0	1



**Web:** <http://cat.hansa-flex.com/en/KMVGNC230V50HZH>

**K-MV G (NC) D 24 V DC STA 1**

Normally closed, (NC), directly operated, 24 V DC, standard type

Standard series in two different versions: Directly operated, Pilot-operated.  
For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

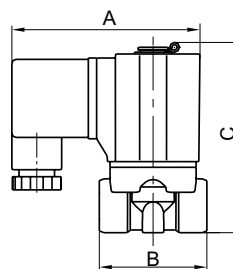
**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request

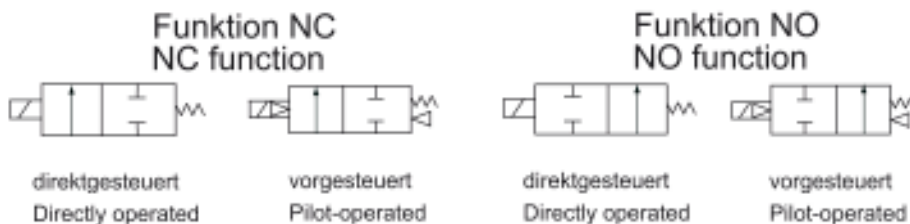


Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 64	G 1/8	10	3,0	70,0	40,0	70,7	1
K-07 30 01 65	G 1/4	10	3,0	70,0	40,0	70,7	1
K-07 30 01 66	G 3/8	10	5,0	85,0	52,0	87,0	1
K-07 30 01 67	G 1/2	10	5,0	85,0	52,0	87,0	1 →

**K-MV G (NC) D 24 V DC STA 1**

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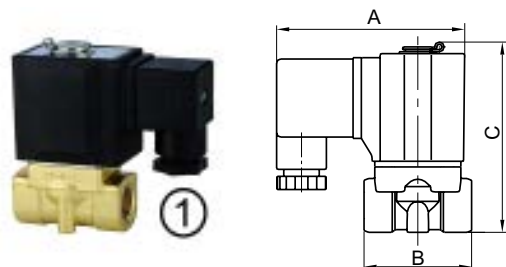
Normally closed, (NC), directly operated, 24 V DC, standard type



Web: <http://cat.hansa-flex.com/en/KMVGNC24VDCSTA1>

**K-MV G (NC) D 24 V DC H 1**

Normally closed, (NC), directly operated, 24 V DC, for high pressures



Standard series in two different versions: Directly operated, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Thread description:** G thread acc. DIN EN ISO 228-1

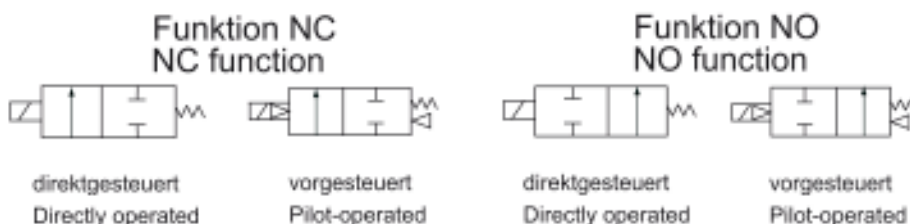
**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** FPM

Note: Further information on request

Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 68	G 1/8	30	1,5	70,0	40,0	70,7	1
K-07 30 01 69	G 1/4	30	1,5	70,0	40,0	70,7	1
K-07 30 01 70	G 3/8	30	3,0	85,0	52,0	87,0	1
K-07 30 01 71	G 1/2	30	3,0	85,0	52,0	87,0	1



Web: <http://cat.hansa-flex.com/en/KMVGNC24VDCH1>

**K-MV G (NC) V 230 V, 50 HZ 1**

Normally closed, (NC), pilot-operated, 230 V, 50 Hz

Standard series in two different versions: Directly operated, Pilot-operated.  
For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

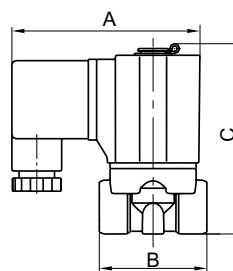
**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

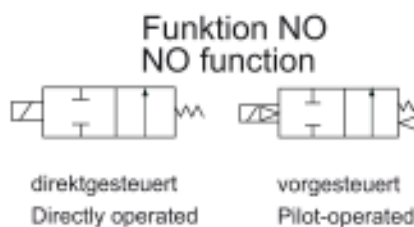
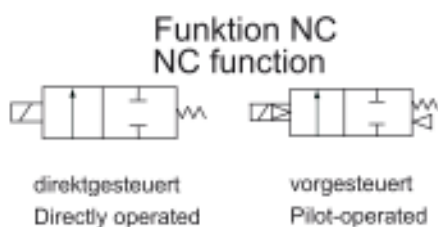
**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request



Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	A mm	B mm	C mm	Type
K-07-30-01-72	G 1/2	10	0,50	15,0	70,0	70,0	107,0	3
K-07-30-01-73	G 3/4	10	0,50	20,0	70,0	82,0	115,4	3
K-07-30-01-74	G 1	10	0,50	25,0	70,0	92,0	124,0	3



**Web:** <http://cat.hansa-flex.com/en/KMVGNCV230V50HZ1>

**K-MV G (NC) V 24 V DC**

Normally closed (NC), pilot-operated, 24 V DC

Standard series in two different versions: Directly operated, Pilot-operated.  
For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

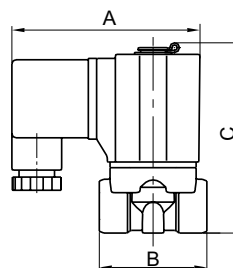
**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

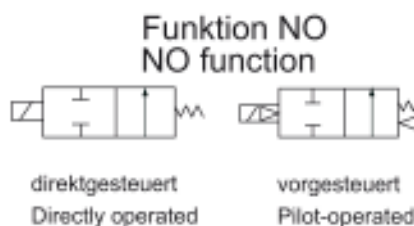
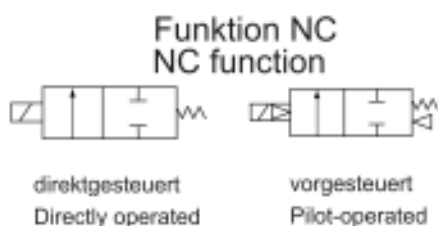
**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request



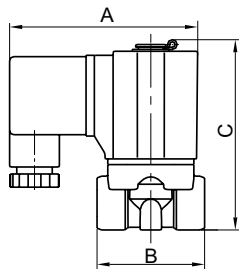
Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	A mm	B mm	C mm	Type
K-07-30-01-75	G 1/2	10	0,50	15,0	70,0	70,0	107,0	3
K-07-30-01-76	G 3/4	10	0,50	20,0	70,0	82,0	115,4	3
K-07-30-01-77	G 1	10	0,50	25,0	70,0	92,0	124,0	3



**Web:** <http://cat.hansa-flex.com/en/KMVGNCV24VDC>

### K-MV O (NO) D 230 V, 50 HZ STA

Normally open, (NO), directly operated, 230 V, 50 Hz, standard type



Standard series in two different versions: Directly operated, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Thread description:** G thread acc. DIN EN ISO 228-1

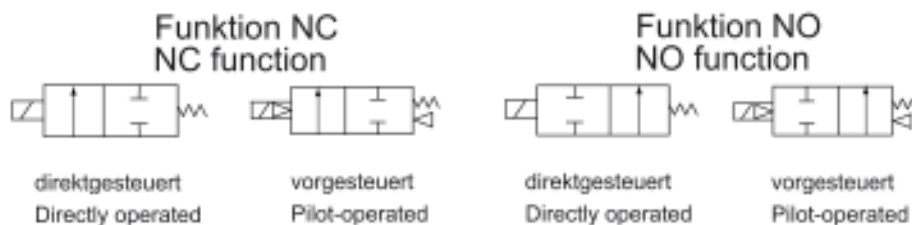
**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request

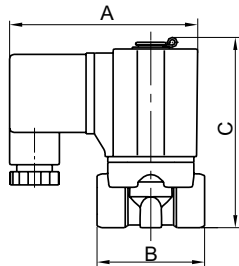
Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 78	G 1/8	7	3,0	70,0	40,0	76,0	2
K-07 30 01 79	G 1/4	7	3,0	70,0	40,0	76,0	2
K-07 30 01 80	G 3/8	7	5,0	85,0	52,0	92,0	2
K-07 30 01 81	G 1/2	7	5,0	85,0	52,0	92,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVONOD230V50HZSTA>

### K-MV O (NO) D 24 V DC STA

Normally open, (NO), directly operated, 24 V DC, standard type



Standard series in two different versions: Directly operated, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** FPM

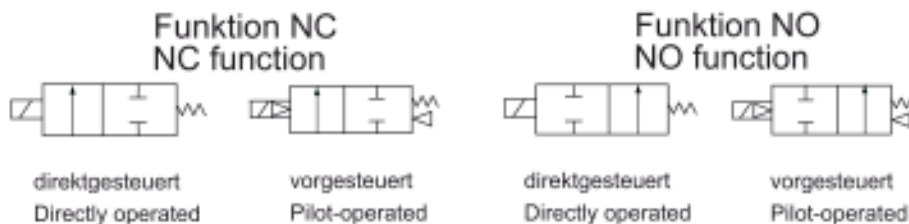
**Note:** Further information on request

Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 86	G 1/8	7	3,0	70,0	40,0	76,0	2
K-07 30 01 87	G 1/4	7	3,0	70,0	40,0	76,0	2
K-07 30 01 88	G 3/8	7	5,0	85,0	52,0	92,0	2
K-07 30 01 89	G 1/2	7	5,0	85,0	52,0	92,0	2 →

(Continued)

K-MV O (NO) D 24 V DC STA

Normally open, (NO), directly operated, 24 V DC, standard type



Web: <http://cat.hansa-flex.com/en/KMVONOD24VDCSTA>

K-MV O (NO) D 230 V, 50 HZ H

Normally open, (NO), directly operated, 230 V, 50 Hz, for high pressures

Standard series in two different versions: Directly operated, Pilot-operated.  
For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

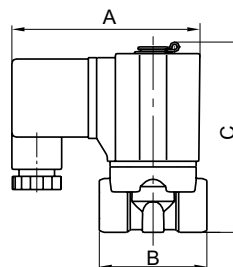
**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

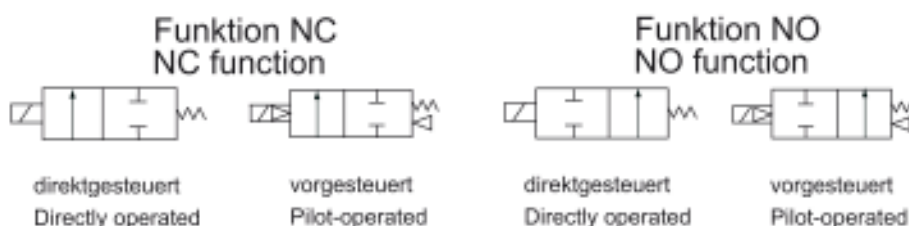
**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request



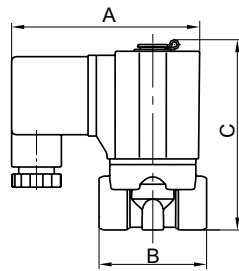
Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K- 07 30 01 82	G 1/8	20	1,5	70,0	40,0	76,0	2
K- 07 30 01 83	G 1/4	20	1,5	70,0	40,0	76,0	2
K- 07 30 01 84	G 3/8	20	3,0	85,0	52,0	92,0	2
K- 07 30 01 85	G 1/2	20	3,0	85,0	52,0	92,0	2



Web: <http://cat.hansa-flex.com/en/KMVONOD230V50HZH>

**K-MV O (NO) D 24 V DC H**

Normally open, (NO), directly operated, 24 V DC, for high pressures



Standard series in two different versions: Directly operated, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Thread description:** G thread acc. DIN EN ISO 228-1

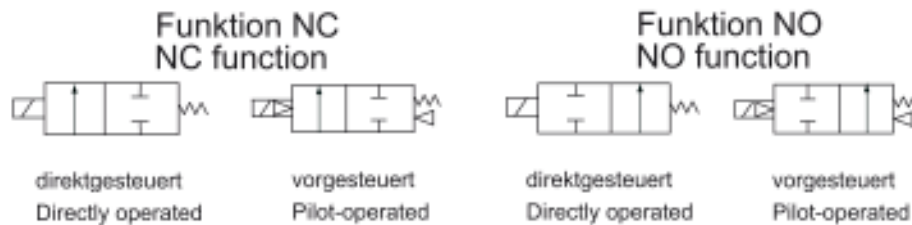
**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request

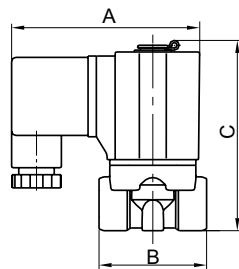
Identification	Thread	Max. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 90	G 1/8	20	1,5	70,0	40,0	76,0	2
K-07 30 01 91	G 1/4	20	1,5	70,0	40,0	76,0	2
K-07 30 01 92	G 3/8	20	3,0	85,0	52,0	92,0	2
K-07 30 01 93	G 1/2	20	3,0	85,0	52,0	92,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVONOD24VDCH>

**K-MV O (NO) V 230 V, 50 HZ 1**

Normally open, (NO), pilot-operated, 230 V, 50 Hz



Standard series in two different versions: Directly operated, Pilot-operated. For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request

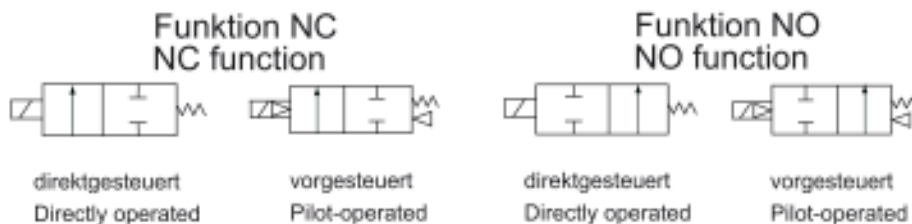
Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	A mm	B mm	C mm	Type
K-07 30 01 94	G 1/2	7	0,50	15,0	70,0	70,0	112,3	4
K-07 30 01 95	G 3/4	7	0,50	20,0	70,0	82,0	120,8	4
K-07 30 01 96	G 1	7	0,50	25,0	70,0	92,0	129,3	4



(Continued)

**K-MV O (NO) V 230 V, 50 HZ 1**

Normally open, (NO), pilot-operated, 230 V, 50 Hz


**Web:** <http://cat.hansa-flex.com/en/KMVONOV230V50HZ1>
**K-MV O (NO) V 24 V DC 1**

Normally open, (NO), pilot-operated, 24 V DC

Standard series in two different versions: Directly operated, Pilot-operated.  
For all applications with compressed air, neutral gases or low-viscosity, neutral media.

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4.  
Device socket

**Protection IP:** IP 65

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

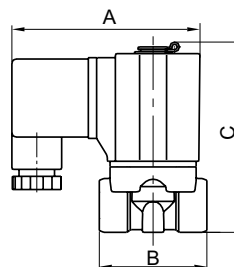
**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing, valve seat:** Brass

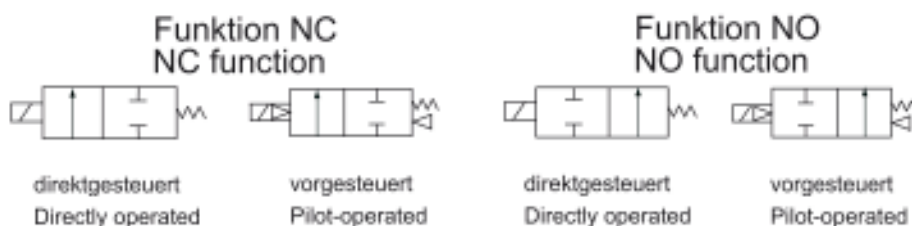
**Internal parts:** Stainless steel

**Seal:** FPM

**Note:** Further information on request

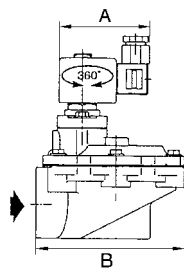


Identification	Thread	Max. working pressure bar	min. working pressure bar	DN	A mm	B mm	C mm	Type
K-07-30-01-97	G 1/2	7	0,50	15,0	70,0	70,0	112,3	4
K-07-30-01-98	G 3/4	7	0,50	20,0	70,0	82,0	120,8	4
K-07-30-01-99	G 1	7	0,50	25,0	70,0	82,0	129,3	4


**Web:** <http://cat.hansa-flex.com/en/KMVONOV24VDC1>

**K-MV G 230 V, 50 - 60 HZ IV**

Normally closed, 230 V / 50 to 60 Hz, internal pilot control



Environmental protection today demands state-of-the-art cleaning processes. Dust filter systems are an indispensable aid to pollution control. The fabric filters installed in these systems are cleaned by blowing in compressed air pulses in quick succession counter to the main direction of flow. The solenoid valves used for this purpose are characterised by the following application-specific design features:

- Angle type of construction to optimise the air flow
- Full cross-section at the valve seat
- Extremely fast opening and closing
- Quiet operation thanks to built-in silencers (can be retrofitted in sizes 1 1/2 to 2 1/2)
- Easy maintenance and repair because diaphragm and wearing parts are instantly available

The valves are not suitable as shut-off devices for standard applications.

**Electrical connection:** ISO 4400 (Pg 11P connector socket)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +90 °C

**Operating pressure:** min. 0,35 bar; max. 8,5 bar

**Relief port (type 2):** G 3/8 (K-07302231 und K-07302304), G 3/4 (K-07302232 und K-07302305, K-07302233 und K-07302306), Silencers can be retrofitted

**Housing:** Aluminium

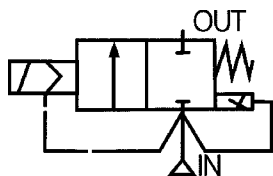
**Internal parts:** Stainless steel

**Diaphragm:** Type 1 TPE (Hydrel); Type 2 CR (chlorophene/neoprene)

**Seal:** Perbunan (NBR)

**Note:** Further information on request

Identification	Thread	DN	A mm	B mm	Type
K-07 30 22 29	G 3/4	25,0	75,0	89,0	1
K-07 30 22 30	G 1	25,0	75,0	89,0	1
K-07 30 22 31	G 1 1/2	52,0	80,0	130,0	2
K-07 30 22 32	G 2	66,0	80,0	168,0	2
K-07 30 22 33	G 2 1/2	66,0	80,0	168,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVG230V5060HZIV>

## K-MV G 24 V DC IV

## Normally closed, 24 V DC (direct current), internal pilot control

Environmental protection today demands state-of-the-art cleaning processes. Dust filter systems are an indispensable aid to pollution control. The fabric filters installed in these systems are cleaned by blowing in compressed air pulses in quick succession counter to the main direction of flow. The solenoid valves used for this purpose are characterised by the following application-specific design features:

- Angle type of construction to optimise the air flow
- Full cross-section at the valve seat
- Extremely fast opening and closing
- Quiet operation thanks to built-in silencers (can be retrofitted in sizes 1 1/2 to 2 1/2)
- Easy maintenance and repair because diaphragm and wearing parts are instantly available

The valves are not suitable as shut-off devices for standard applications.

**Electrical connection:** ISO 4400 (Pg 11P connector socket)

**Protection IP:** IP65 (with connector socket fitted)

**Media temperature:** max. +90 °C

**Operating pressure:** min. 0,35 bar; max. 8,5 bar

**Relief port (type 2):** G 3/8 (K-07302231 und K-07302304), G 3/4 (K-07302232 und K-07302305, K-07302233 und K-07302306), Silencers can be retrofitted

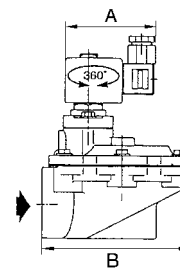
**Housing:** Aluminium

**Internal parts:** Stainless steel

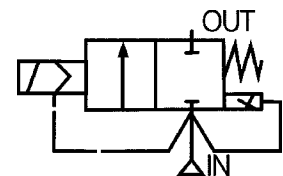
**Diaphragm:** Type 1 TPE (Hydrel); Type 2 CR (chlorophene/neoprene)

**Seal:** Perbunan (NBR)

**Note:** Further information on request



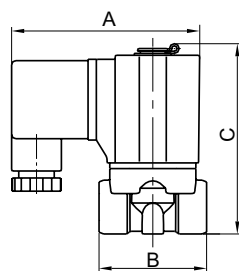
Identification	Thread	DN	A mm	B mm	Type
K-07-30-23-02	G 3/4	25,0	75,0	89,0	1
K-07-30-23-03	G 1	25,0	75,0	89,0	1
K-07-30-23-04	G 1 1/2	52,0	80,0	130,0	2
K-07-30-23-05	G 2	66,0	80,0	168,0	2
K-07-30-23-06	G 2 1/2	66,0	80,0	168,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVG24VDCIV>

### K-MV G (NC) D 230 V, 50 HZ STA 1

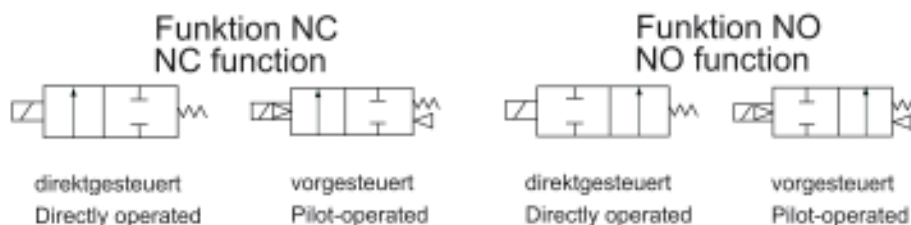
Normally closed, (NC), directly operated, 230 V, 50 Hz, standard type



Standard series in two different versions: Directly operated, Pilot-operated  
**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air  
**Protection IP:** IP 65  
**Max. working pressure:** 10 bar  
**Sealant:** FKM  
**Housing, valve seat:** Stainless steel 1.4301  
**Internal parts:** Stainless steel  
**Material:** sealing: FKM (FPM)

**Note:** Further information on request

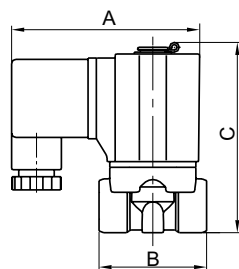
Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 12	G 1/8	3,0	70,0	40,0	70,7	1
K-07 30 01 13	G 1/4	3,0	70,0	40,0	70,7	1
K-07 30 01 14	G 3/8	5,0	85,0	52,0	87,0	1
K-07 30 01 15	G 1/2	5,0	85,0	52,0	87,0	1



**Web:** <http://cat.hansa-flex.com/en/KMVGNC230V50HZSTA1>

### K-MV G (NC) D 230 V, 50 HZ H 1

Normally closed, (NC), directly operated, 230 V, 50 Hz, for high pressures



Standard series in two different versions: Directly operated, Pilot-operated  
**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air  
**Protection IP:** IP 65  
**Max. working pressure:** 30 bar  
**Sealant:** FPM  
**Housing, valve seat:** Stainless steel 1.4301  
**Internal parts:** Stainless steel

**Note:** Further information on request

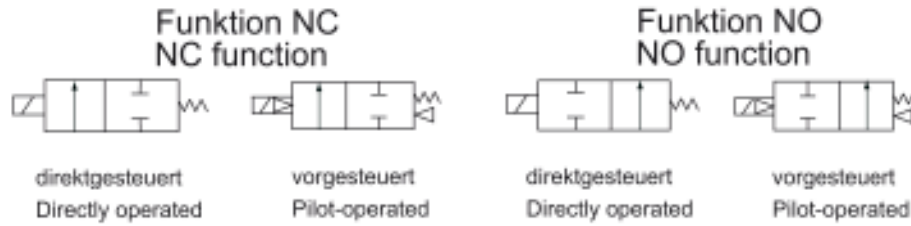
Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 16	G 1/8	1,5	70,0	40,0	70,7	1
K-07 30 01 17	G 1/4	1,5	70,0	40,0	70,7	1
K-07 30 01 18	G 3/8	3,0	85,0	52,0	87,0	1
K-07 30 01 19	G 1/2	3,0	85,0	52,0	87,0	1



(Continued)

K-MV G (NC) D 230 V, 50 HZ H 1

Normally closed, (NC), directly operated, 230 V, 50 Hz, for high pressures



Web: <http://cat.hansa-flex.com/en/KMVGNC230V50HZH1>

K-MV G (NC) D 24 V DC STA

Normally closed, (NC), directly operated, 24 V DC, standard type

Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

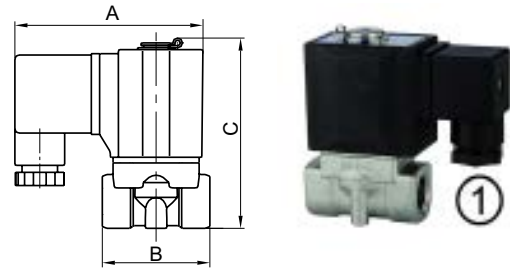
**Max. working pressure:** 10 bar

**Sealant:** FPM

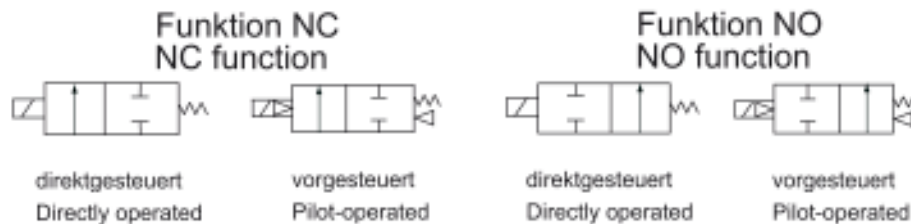
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

**Note:** Further information on request



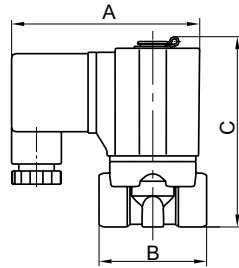
Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 20	G 1/8	3,0	70,0	40,0	70,7	1
K-07 30 01 21	G 1/4	3,0	70,0	40,0	70,7	1
K-07 30 01 22	G 3/8	5,0	85,0	52,0	87,0	1
K-07 30 01 23	G 1/2	5,0	85,0	52,0	87,0	1



Web: <http://cat.hansa-flex.com/en/KMVGNC24VDCSTA>

## K-MV G (NC) D 24 V DC H

Normally closed, (NC), directly operated, 24 V DC, for high pressures



Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

**Max. working pressure:** 30 bar

**Sealant:** FPM

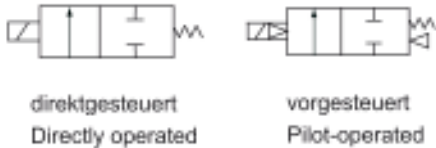
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

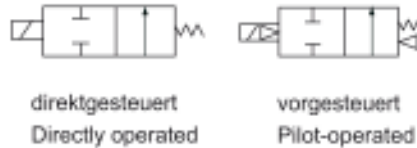
**Note:** Further information on request

Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 24	G 1/8	1,5	70,0	40,0	70,7	1
K-07 30 01 25	G 1/4	1,5	70,0	40,0	70,7	1
K-07 30 01 26	G 3/8	3,0	85,0	52,0	87,0	1
K-07 30 01 27	G 1/2	3,0	85,0	52,0	87,0	1

### Funktion NC NC function



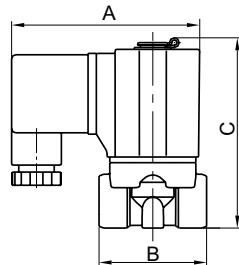
### Funktion NO NO function



**Web:** <http://cat.hansa-flex.com/en/KMVGNC24VDCH>

## K-MV G (NC) V 24 V DC 1 VA

Normally closed, (NC), pilot-operated, 24 V DC VA stainless steel



Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

**Max. working pressure:** 10 bar

**Sealant:** FPM

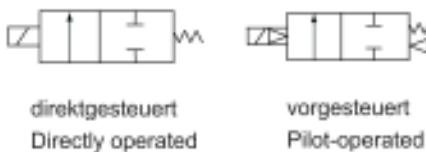
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

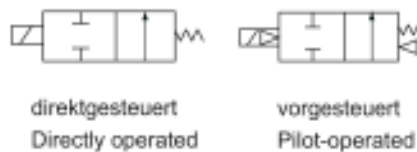
**Note:** Further information on request

Identification	min. working pressure bar	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 28	0,50	G 1/2	15,0	70,0	70,0	107,0	3
K-07 30 01 29	0,50	G 3/4	20,0	70,0	82,0	115,4	3
K-07 30 01 30	0,50	G 1	25,0	70,0	92,0	124,0	3

### Funktion NC NC function



### Funktion NO NO function



**Web:** <http://cat.hansa-flex.com/en/KMVGNCV24VDC1VA>

### K-MV G (NC) V 230 V, 50 HZ

Normally closed, (NC), pilot-operated, 230 V, 50 Hz

Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

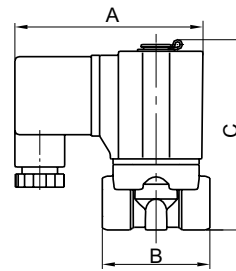
**Max. working pressure:** 10 bar

**Sealant:** FPM

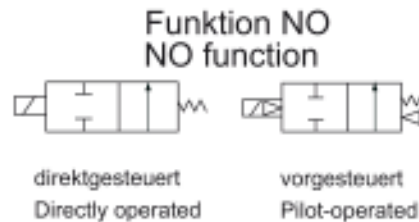
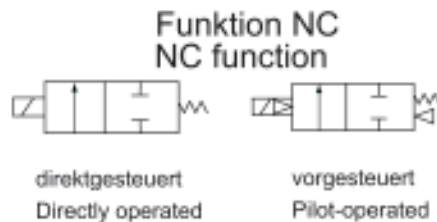
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

**Note:** Further information on request



Identification	min. working pressure bar	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 31	0,50	G 1/2	15,0	70,0	70,0	107,0	3
K-07 30 01 32	0,50	G 3/4	20,0	70,0	82,0	115,4	3
K-07 30 01 33	0,50	G 1	25,0	70,0	92,0	124,0	3



**Web:** <http://cat.hansa-flex.com/en/KMVGNCV230V50HZ>

### K-MV O (NO) D 230 V, 50 HZ H VA

Normally open, (NO), directly operated, 230 V, 50 Hz, for high pressures VA

Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

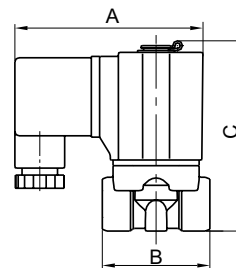
**Max. working pressure:** 20 bar

**Sealant:** FPM

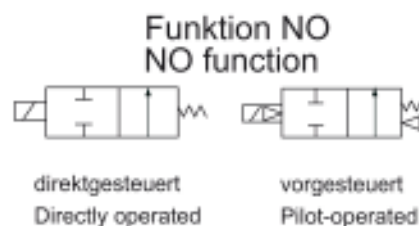
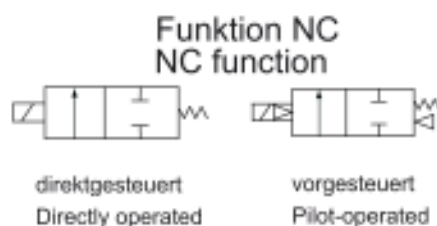
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

**Note:** Further information on request



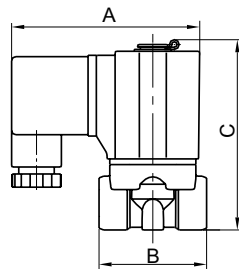
Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 38	G 1/8	1,5	70,0	40,0	76,0	2
K-07 30 01 39	G 1/4	1,5	70,0	40,0	76,0	2
K-07 30 01 40	G 3/8	3,0	85,0	52,0	92,0	2
K-07 30 01 41	G 1/2	3,0	85,0	52,0	92,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVONOD230V50HZHVA>

### K-MV O (NO) D 24 V DC STA VA

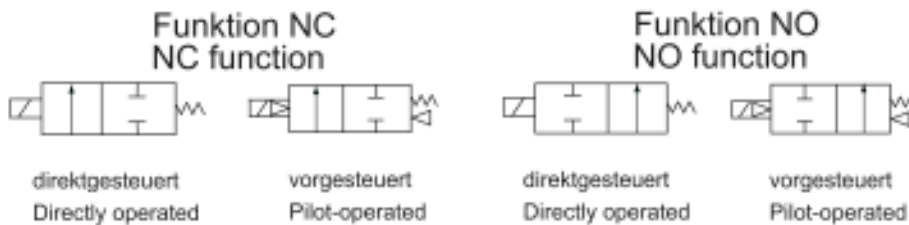
Normally open, (NO), directly operated, 24 V DC, standard type VA



Standard series in two different versions: Directly operated, Pilot-operated  
**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air  
**Protection IP:** IP 65  
**Max. working pressure:** 7 bar  
**Sealant:** FPM  
**Housing, valve seat:** Stainless steel 1.4301  
**Internal parts:** Stainless steel

**Note:** Further information on request

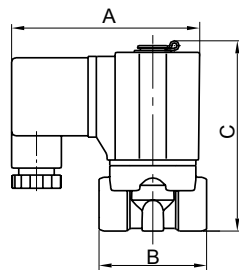
Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 42	G 1/8	3,0	70,0	40,0	76,0	2
K-07 30 01 43	G 1/4	3,0	70,0	40,0	76,0	2
K-07 30 01 44	G 3/8	5,0	85,0	52,0	92,0	2
K-07 30 01 45	G 1/2	5,0	85,0	52,0	92,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVONOD24VDCSTAVA>

### K-MV O (NO) D 230 V, 50 HZ STA VA

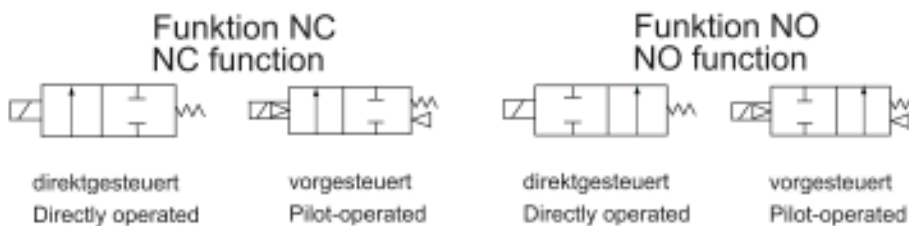
Normally open, (NO), directly operated, 230 V, 50 Hz, standard type VA



Standard series in two different versions: Directly operated, Pilot-operated  
**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air  
**Protection IP:** IP 65  
**Max. working pressure:** 7 bar  
**Sealant:** FPM  
**Housing, valve seat:** Stainless steel 1.4301  
**Internal parts:** Stainless steel

**Note:** Further information on request

Identification	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 34	G 1/8	3,0	70,0	40,0	76,0	2
K-07 30 01 35	G 1/4	3,0	70,0	40,0	76,0	2
K-07 30 01 36	G 3/8	5,0	85,0	52,0	92,0	2
K-07 30 01 37	G 1/2	5,0	85,0	52,0	92,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVONOD230V50HZSTAVA>



**K-MV O (NO) V 24 V DC H**

Normally open, (NO), directly operated, 24 V DC, for high pressures

Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

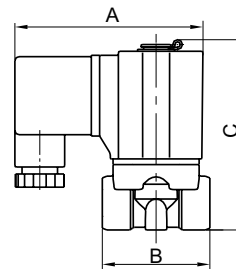
**Max. working pressure:** 20 bar

**Sealant:** FPM

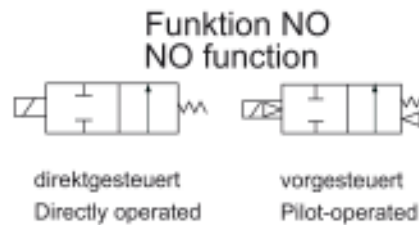
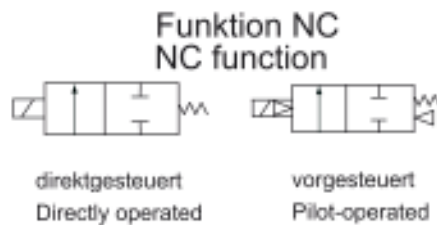
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

**Note:** Further information on request



Identification	Thread	DN	A mm	B mm	C mm	Type
K- 07 30 01 46	G 1/8	1,5	70,0	40,0	76,0	2
K- 07 30 01 47	G 1/4	1,5	70,0	40,0	76,0	2
K- 07 30 01 48	G 3/8	3,0	85,0	52,0	92,0	2
K- 07 30 01 49	G 1/2	3,0	85,0	52,0	92,0	2



**Web:** <http://cat.hansa-flex.com/en/KMVONOV24VDCH>

**K-MV O (NO) V 230 V, 50 HZ**

Normally open, (NO), pilot-operated, 230 V, 50 Hz

Standard series in two different versions: Directly operated, Pilot-operated

**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket

**Thread description:** G thread acc. DIN EN ISO 228-1

**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air

**Protection IP:** IP 65

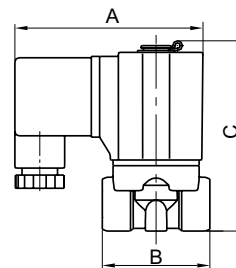
**Max. working pressure:** 7 bar

**Sealant:** FPM

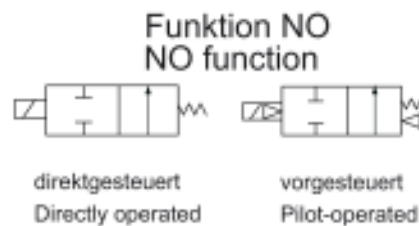
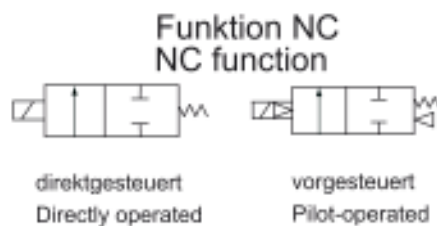
**Housing, valve seat:** Stainless steel 1.4301

**Internal parts:** Stainless steel

**Note:** Further information on request



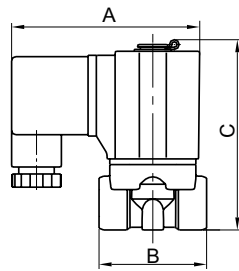
Identification	min. working pressure bar	Thread	DN	A mm	B mm	C mm	Type
K- 07 30 01 50	0,50	G 1/2	15,0	70,0	70,0	112,3	4
K- 07 30 01 51	0,50	G 3/4	20,0	70,0	82,0	120,8	4
K- 07 30 01 52	0,50	G 1	25,0	70,0	92,0	129,3	4



**Web:** <http://cat.hansa-flex.com/en/KMVONOV230V50HZ>

### K-MV O (NO) V 24 V DC

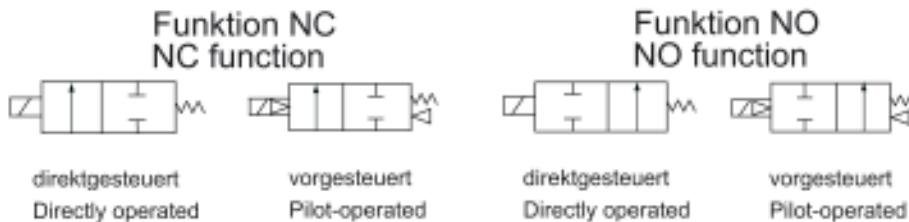
Normally open, (NO), pilot-operated, 24 V DC



Standard series in two different versions: Directly operated, Pilot-operated  
**Electrical connection:** device socket type A in acc. with ISO 4400 for all valves with threads G 3/8 & G 1/2, except valves type 3 & 4. Device socket  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Media temperature:** max. 80 °C when using water or oils; max. 90 °C when using with air  
**Protection IP:** IP 65  
**Max. working pressure:** 7 bar  
**Sealant:** FPM  
**Housing, valve seat:** Stainless steel 1.4301  
**Internal parts:** Stainless steel

**Note:** Further information on request

Identification	min. working pressure bar	Thread	DN	A mm	B mm	C mm	Type
K-07 30 01 53	0,50	G 1/2	15,0	70,0	70,0	112,3	4
K-07 30 01 54	0,50	G 3/4	20,0	70,0	82,0	120,8	4
K-07 30 01 55	0,50	G 1	25,0	70,0	92,0	129,3	4



**Web:** <http://cat.hansa-flex.com/en/KMVONOV24VDC>

### K-DRS WECHSELKONTAK ANFLANSCHBAR DS

Pressure switches, changeover type, suitable for flange mounting K-07302861



Special pressure switches for pneumatic applications. Extremely precise thanks to the large control diaphragm. Two through holes in the housing for flanging the switch.  
**Design:** Spring-loaded diaphragm (NBR)  
**Application:** Air, neutral gases (lubricated or unlubricated)  
**Ambient temperature:** -10 °C to +60 °C  
**Electrical connection:** Pg 11P coupling plug, acc. to ISO 4400  
**Switching frequency:** 60/min.  
**Switching voltage:** max. 250 V AC/DC  
**Operating principle:** Changeover  
**Protection IP:** IP 65  
**Material:** Plastic Grivory (PA 61/XT)

**Note:** Further information on request

Identification	Adjustment range
K-07 30 28 61	0,5 - 10,0 bar

**Web:** <http://cat.hansa-flex.com/en/KDRSWECHSELKONTAKANFLANSCHBARDS>

## K-DRS STANDARD

## Standard pressure switches

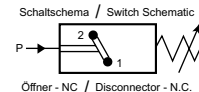
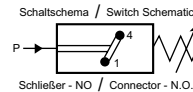
For liquid, non-corrosive and gaseous media. Easy to adjust, even under pressure. Can be integrated in any mounting position. Pressure adjustment by means of a hexagon-head screw.

**Design:** Spring-loaded diaphragm (NBR); Spring-loaded piston; (10 to 70 bar versions)  
**Application:** Air, hydraulic oil, oil emulsions, water  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Tab connectors 2 x 6.3 x 0.8  
**Switching frequency:** 200/min.  
**Switching voltage:** 42 V  
**Material:** Galvanised steel



**Note:** Further information on request

Identification	Thread	Adjustment range	Operating principle
K- 07 30 24 94	G 1/8	0,3 - 2,0 bar	closer
K- 07 30 24 95	G 1/8	1,0 - 10,0 bar	closer
K- 07 30 24 96	G 1/8	10,0 - 70,0 bar	closer
K- 07 30 24 97	G 1/4	0,3 - 2,0 bar	closer
K- 07 30 24 98	G 1/4	1,0 - 10,0 bar	closer
K- 07 30 24 99	G 1/4	10,0 - 70,0 bar	closer
K- 07 30 24 10	G 1/8	0,3 - 2,0 bar	opener
K- 07 30 24 11	G 1/8	1,0 - 10,0 bar	opener
K- 07 30 24 12	G 1/8	10,0 - 70,0 bar	opener
K- 07 30 24 13	G 1/4	0,3 - 2,0 bar	opener
K- 07 30 24 14	G 1/4	1,0 - 10,0 bar	opener
K- 07 30 24 15	G 1/4	10,0 - 70,0 bar	opener



**Web:** <http://cat.hansa-flex.com/en/KDRSSTANDARD>

## K-DRS W WECHSELKONTAKT ANFLANSCHBAR

## Pressure switches changeover type, flange mounting

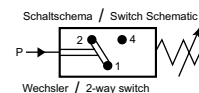
Special pressure switches for pneumatic applications. Extremely precise thanks to the large control diaphragm. Two through holes in the housing for flanging the switch.

**Design:** Spring-loaded diaphragm (NBR)  
**Application:** Air, neutral gases (lubricated or unlubricated)  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Coupling plug PG 11 P nach ISO 4400  
**Switching frequency:** 60/min.  
**Switching voltage:** max. 250 V AC/DC  
**Operating principle:** Changeover  
**Material:** to 10 bar: plastic Grivory (PA 61/XT) bzw.; to 16 bar: Alu black eloxed



**Note:** Further information on request

Identification	Thread	Adjustment range
K- 07 30 28 42	G 1/4	0,2 - 6,0 bar
K- 07 30 28 43	G 1/4	0,5 - 10,0 bar
K- 07 30 28 44	G 1/4	0,5 - 16,0 bar



**Web:** <http://cat.hansa-flex.com/en/KDRSWWECHSELKONTAKTANFLANSCHBAR>

**K-SCHUTZKAPPE DS**

## Hoods



For protecting the electrical connections and ensuring the IP65 degree of protection.

**Note:** Further information on request

Identification	For switch
K- 07 30 28 64	K-07302832
K- 07 30 28 65	K-07302494 - K-07302415, K-07302833 - K-07302835
K- 07 30 28 66	K-07302491, K-07302492

**Web:** <http://cat.hansa-flex.com/en/KSCHUTZKAPPEDS>

**K-DRS VAKUUM**

## Pressure switches

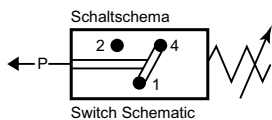


For liquid, non-corrosive and gaseous media. Easy to adjust, even under pressure. Can be integrated in any mounting position. Pressure adjustment by means of a hexagon-head screw.

**Design:** Spring-loaded diaphragm (NBR)  
**Application:** Air, hydraulic oil, oil emulsions, water  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Tab connectors 3 x 6.3 x 0.8  
**Switching frequency:** 200/min.  
**Switching voltage:** 42 V  
**Operating principle:** Changeover  
**Material:** Brass

**Note:** Further information on request

Identification	Thread	Adjustment range
K- 07 30 28 32	G 1/8	20 - 800 mbar vacuum



**Web:** <http://cat.hansa-flex.com/en/KDRSVAKUUM>

**K-DRS WECHSELKONTAKT**

## Pressure switches, changeover type



For liquid, non-corrosive and gaseous media. Easy to adjust, even under pressure. Can be integrated in any mounting position. Pressure adjustment by means of a hexagon-head screw.

**Design:** Spring-loaded diaphragm (NBR); Spring-loaded piston (10 to 70 bar versions)  
**Application:** Air, hydraulic oil, oil emulsions, water  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Tab connectors 3 x 6.3 x 0.8  
**Switching frequency:** 200/min.  
**Switching voltage:** 42 V  
**Operating principle:** Changeover  
**Material:** Galvanised steel

**Note:** Further information on request

Identification	Thread	Adjustment range	Material
K- 07 30 28 33	G 1/4	0,3 - 2,0 bar	Galvanised steel

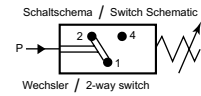


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**K-DRS WECHSELKONTAKT**

## Pressure switches, changeover type

Identification	Thread	Adjustment range	Material
K- 07 30 28 34	G 1/4	1,0 - 10,0 bar	Galvanised steel
K- 07 30 28 35	G 1/4	10,0 - 70,0 bar	Galvanised steel



**Web:** <http://cat.hansa-flex.com/en/KDRSWECHSELKONTAKT>

**K-DRS MINI**

## Pressure switches - Mini

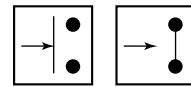
For liquid, non-corrosive and gaseous media. Easy to adjust, even under pressure. Can be integrated in any mounting position. Pressure adjustment by means of a hexagon-head screw.

**Design:** Spring-loaded diaphragm (NBR)  
**Application:** Air, hydraulic oil, oil emulsions, water  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Tab connectors 2 x 6.3 x 0.8  
**Switching frequency:** 200/min.  
**Switching voltage:** 42 V  
**Adjustment range:** 1.0 - 10 bar  
**Material:** Brass

**Note:** Further information on request



Identification	Thread	Adjustment range	Operating principle
K- 07 30 24 91	G 1/8	1,0 - 10 bar	closer
K- 07 30 24 92	G 1/8	1,0 - 10 bar	opener



Schließer    Öffner  
 Connector    Disconnecter

**Web:** <http://cat.hansa-flex.com/en/KDRSMINI>

**K-DRS W DREHBAR**

## Pressure switches, changeover type, turnable

For liquid, non-corrosive and gaseous media. Easy to adjust, even under pressure. Can be integrated in any mounting position. Pressure adjustment by means of a hexagon-head screw.

**Design:** Spring-loaded diaphragm (NBR)  
**Application:** Air, hydraulic oil, oil emulsions, water  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Coupling plug Pg 9, DIN 43650  
**Switching frequency:** 200/min.  
**Rated voltage:** 250 V  
**Operating principle:** Changeover  
**Material:** Galvanised steel

**Note:** Further information on request



Identification	Thread	Adjustment range
K- 07 30 28 55	G 1/8	0,3 - 2,0 bar
K- 07 30 28 56	G 1/8	1,0 - 10,0 bar
K- 07 30 28 57	G 1/8	10,0 - 70,0 bar
K- 07 30 28 58	G 1/4	0,3 - 2,0 bar

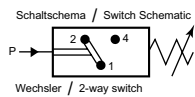


**K-DRS W DREHBAR**

(Continued)

## Pressure switches, changeover type, turnable

Identification	Thread	Adjustment range
K-07 30 28 59	G 1/4	1,0 - 10,0 bar
K-07 30 28 60	G 1/4	10,0 - 70,0 bar



Web: <http://cat.hansa-flex.com/en/KDRSWDREHBAR>

**K-DRS W BAJONETT**

## Pressure switches - changeover type

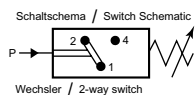


Special pressure switches for critical (water) or outdoor applications. Maximum degree of protection IP67 when a bayonet coupling is used for the electrical connection.

**Design:** Spring-loaded diaphragm (UR); Spring-loaded piston; (10 to 70 bar versions)  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Bayonet coupling connector Ø 2.5 mm  
**Switching frequency:** 200/min.  
**Rated voltage:** 42 V  
**Operating principle:** Changeover  
**Material:** Galvanised steel

Note: Further information on request

Identification	Thread	Adjustment range
K-07 30 28 36	G 1/8	0,5 - 2,0 bar
K-07 30 28 37	G 1/8	1,0 - 10,0 bar
K-07 30 28 38	G 1/8	10,0 - 70,0 bar
K-07 30 28 39	G 1/4	0,5 - 2,0 bar
K-07 30 28 40	G 1/4	1,0 - 10,0 bar
K-07 30 28 41	G 1/4	10,0 - 70,0 bar



Web: <http://cat.hansa-flex.com/en/KDRSWBAJONETT>

**Accessories:**

**K-WECHSELKONTAKT BANJOETT** - Changeover type bayonet coupling

**K-WECHSELKONTAKT BANJOETT**

## Changeover type bayonet coupling



Identification	Operating principle
K-07 30 28 63	system plug

Web: <http://cat.hansa-flex.com/en/KWECHSELKONTAKTBANJOETT>

**K-DRS NIEDERDRUCK**

## Pressure switches - low pressure type

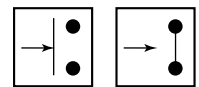
Economy series precision pressure switches for use in the low-pressure range (very low differential reset pressure: 5%).

**Design:** Spring-loaded diaphragm (NBR)  
**Application:** Air, oil emulsions, water  
**Ambient temperature:** -25 °C to +85 °C  
**Electrical connection:** Tab connectors 2 x 6.3 x 0.8  
**Switching frequency:** 100/min.  
**Rated voltage:** 42 V  
**Adjustment range:** 0.2 - 1.5 bar  
**Material:** Brass

**Note:** Further information on request



Identification	Thread	Adjustment range	Operating principle
K- 07 30 24 93	M 10 x 1	0,2 - 1,5 bar	closer
K- 07 30 24 09	M 10 x 1	0,2 - 1,5 bar	opener



Schließer Connector  
 Öffner Disconnector

**Web:** <http://cat.hansa-flex.com/en/KDRSNIEDERDRUCK>

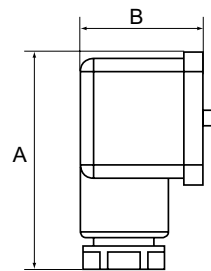
**K-DRS ELK GERÄTESTECKER**

## Pressure switches, connection with plug connector, type A acc. to DIN 43650

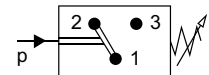
For converting pneumatic to electrical signals. Designed for use in rough vacuum applications (technical vacuum). Universal switch type, suitable as NC, NO or changeover contact. These devices are free from paint-wetting impairment substances (PWIS).

**Application:** Pneumatic applications  
**Switching frequency:** 200/min.  
**Switching voltage:** max. 250 V AC / 28 V DC  
**Protection IP:** IP 65 (DIN 43650), IP 67 (M 12 x 1)  
**Temp. range:** -10 °C to +80 °C  
**Setting cap:** Aluminium, powder-coated  
**Housing:** Special die-cast material  
**Diaphragm, seal:** NBR

**Note:** Further information on request



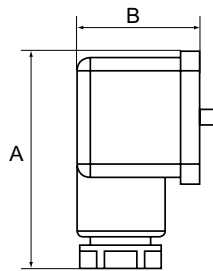
Identification	Connection	Adjustment range	A mm	B mm
K- 07 30 28 45	G 1/4	0,2 - 2,0 bar	48,0	28,0
K- 07 30 28 46	G 1/4	0,5 - 8,0 bar	48,0	28,0
K- 07 30 28 47	G 1/4	1,0 - 16,0 bar	48,0	28,0



**Web:** <http://cat.hansa-flex.com/en/KDRSELKGERAETESTECKER>

**K-DRS ELK ANSCHLUSS M 1**

Pressure switches, electrical connection M 12 x 1



For converting pneumatic to electrical signals. Designed for use in rough vacuum applications (technical vacuum). Universal switch type, suitable as NC, NO or changeover contact. These devices are free from paint-wetting impairment substances (PWIS).

**Application:** Pneumatic applications

**Switching frequency:** 200/min.

**Switching voltage:** max. 250 V AC / 28 V DC

**Protection IP:** IP 65 (DIN 43650), IP 67 (M 12 x 1)

**Temp. range:** -10 °C to +80 °C

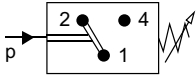
**Setting cap:** Aluminium, powder-coated

**Housing:** Special die-cast material

**Diaphragm, seal:** NBR

**Note:** Further information on request

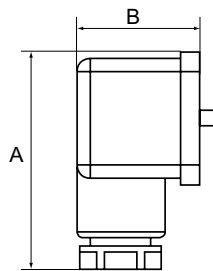
Identification	Connection	Adjustment range	A mm	B mm
K-07 30 28 48	G 1/4	0,2 - 2,0 bar	48,0	28,0
K-07 30 28 49	G 1/4	0,5 - 8,0 bar	48,0	28,0
K-07 30 28 50	G 1/4	1,0 - 16,0 bar	48,0	28,0



**Web:** <http://cat.hansa-flex.com/en/KDRSELKANSCHLUSSM1>

**K-DRS ELK GERAETESTECKER VAKUUM**

Pressure switches, connection with plug connector, type A acc. to DIN 43650



For converting pneumatic to electrical signals. Designed for use in rough vacuum applications (technical vacuum). Universal switch type, suitable as NC, NO or changeover contact. These devices are free from paint-wetting impairment substances (PWIS).

**Application:** Pneumatic applications

**Switching frequency:** 200/min.

**Switching voltage:** max. 250 V AC / 28 V DC

**Adjustment range:** -0.85 / +1 bar

**Protection IP:** IP 65 (DIN 43650), IP 67 (M 12 x 1)

**Temp. range:** -10 °C to +80 °C

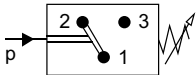
**Setting cap:** Aluminium, powder-coated

**Housing:** Special die-cast material

**Diaphragm, seal:** Perbunan

**Note:** Further information on request

Identification	Connection	A mm	B mm
K-07 30 28 51	Flange	48,0	28,0
K-07 30 28 53	G 1/4	48,0	28,0



**Web:** <http://cat.hansa-flex.com/en/KDRSELKGERAETESTECKERVAKUUM>



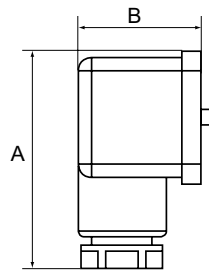
**K-DRS ELK ANSCHLUSS M VAKUUM**

Pressure switches, electrical connection M 12 x 1

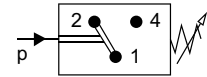
For converting pneumatic to electrical signals. Designed for use in rough vacuum applications (technical vacuum). Universal switch type, suitable as NC, NO or changeover contact. These devices are free from paint-wetting impairment substances (PWIS).

**Application:** Pneumatic applications  
**Switching frequency:** 200/min.  
**Switching voltage:** max. 250 V AC / 28 V DC  
**Adjustment range:** -0.85 / +1 bar  
**Protection IP:** IP 65 (DIN 43650), IP 67 (M 12 x 1)  
**Temp. range:** -10 °C to +80 °C  
**Setting cap:** Aluminium, powder-coated  
**Housing:** Special die-cast material  
**Diaphragm, seal:** Perbunan

**Note:** Further information on request



Identification	Connection	A mm	B mm
K-07 30 28 52	Flange	48,0	28,0
K-07 30 28 54	G 1/4	48,0	28,0



**Web:** <http://cat.hansa-flex.com/en/KDRSELKANSCHLUSSMVAKUUM>

**K-DRS KOMPR. MDR 2**

Pressure switches

Single-phase version

**Media temperature:** -5 °C to +80 °C  
**max. shut-off pressure:** 12 bar  
**Switching capacity:** 2,2 kW  
**Contact type:** NC (2-pole)  
**max. operating cycles:** 120 (electrical), 600 (mechanical)  
**Protection IP:** IP 44

**Note:** Further information on request



Identification	Pneumatic connection	Adjustment range
K-07 30 24 16	G 1/4	4,0 - 12,0 bar

**Web:** <http://cat.hansa-flex.com/en/KDRSKOMPRMDR2>

**K-KOMPR. MDR 2**

compressors MDR2



Identification	Designation
K-07 30 28 67	Unloading valve



**K-KOMPR. MDR 2**

(Continued)

**compressors MDR2****Identification**

K- 07 30 28 70

K- 07 30 28 74

**Designation**

Hood with On/Off-Switch

Diaphragm

**Web:** <http://cat.hansa-flex.com/en/KKOMPRMDR2>**K-DRS MDR 3 O ENTLASTU VENT**

»MDR 3« pressure switches, without unloading valve, with on/off switch, without motor protection circuit, with flange F4 1/4



Three-phase version

**Media temperature:** -5 °C to +80 °C**max. shut-off pressure:** 35 bar**Switching capacity:** 7,5 kW**Contact type:** NC (3-pole)**max. operating cycles:** 120 (electrical), 600 (mechanical)**Protection IP:** IP 54**Note:** Further information on request

Identification	Pneumatic connection	Adjustment range
K- 07 30 24 17	G 1/2	4,0 - 11,0 bar
K- 07 30 24 21	G 1/2	6,0 - 16,0 bar

**Web:** <http://cat.hansa-flex.com/en/KDRSMDR3OENTLASTUVENT>**K-DRS MDR 3 M ENTLASTU VENT**

»MDR 3« pressure switches, with unloading valve, on/off switch, motor protection circuit and flange F4 1/4



Three-phase version

**Media temperature:** -5 °C to +80 °C**max. shut-off pressure:** 35 bar**Switching capacity:** 7,5 kW**Contact type:** NC (3-pole)**max. operating cycles:** 120 (electrical), 600 (mechanical)**Protection IP:** IP 54**Note:** Further information on request

Identification	Pneumatic connection	Adjustment range	max. load
K- 07 30 24 19	G 1/2	4,0 - 11,0 bar	10,0 - 16,0 A
K- 07 30 24 20	G 1/2	4,0 - 11,0 bar	4,0 - 6,3 A
K- 07 30 24 18	G 1/2	4,0 - 11,0 bar	6,3 - 10,0 A
K- 07 30 24 23	G 1/2	6,0 - 16,0 bar	4,0 - 6,3 A
K- 07 30 24 22	G 1/2	6,0 - 16,0 bar	6,3 - 10,0 A

**Web:** <http://cat.hansa-flex.com/en/KDRSMDR3MENTLASTUVENT>

## K-KOMPR. MDR 3 compressors MDR3



Identification	Designation
K- 07 30 28 68	Unloading valve
K- 07 30 28 78	Motor protection relay (overcurrent relay) 10/16 A
K- 07 30 28 79	Motor protection relay (overcurrent relay) 4/6,3 A
K- 07 30 28 77	Motor protection relay (overcurrent relay) 6,3/10 A
K- 07 30 28 71	Hood with On/Off-Switch
K- 07 30 28 75	Diaphragm



**Web:** <http://cat.hansa-flex.com/en/KKOMPRMDR3>

## K-DRS MDR 5 O ENTLASTU VENT

»MDR 5« pressure switches, without unloading valve / on/off switch / motor protection circuit, with flange 1/4

Three-phase version

**Media temperature:** -5 °C to +80 °C  
**max. shut-off pressure:** 16 bar  
**Switching capacity:** 5,5 kW  
**Contact type:** NC (3-pole)  
**max. operating cycles:** 120 (electrical), 600 (mechanical)  
**Protection IP:** IP 54



**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Pneumatic connection	Adjustment range
K- 07 30 24 24	G 1/2	2,0 - 11,0 bar
K- 07 30 24 26	G 1/2	2,5 - 16,0 bar

**Web:** <http://cat.hansa-flex.com/en/KDRSMDR5OENTLASTUVENT>

## K-DRS MDR 5 M ENTLASTU VENT

»MDR 5« pressure switches, with unloading valve / on/off switch / flange 1/4, without motor protection circuit



Three-phase version

**Media temperature:** -5 °C to +80 °C

**max. shut-off pressure:** 16 bar

**Switching capacity:** 5,5 kW

**Contact type:** NC (3-pole)

**max. operating cycles:** 120 (electrical), 600 (mechanical)

**Protection IP:** IP 54

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Pneumatic connection	Adjustment range
K-07 30 24 25	G 1/2	2,0 - 11,0 bar
K-07 30 24 27	G 1/2	2,5 - 16,0 bar

**Web:** <http://cat.hansa-flex.com/en/KDRSMDR5MENTLASTUVENT>

## K-KOMPR. MDR 5

compressors MDR5



Identification	Designation
K-07 30 28 69	Unloading valve
K-07 30 28 83	Motor protection relay (overcurrent relay) 1,50 - 2,45 A
K-07 30 28 84	Motor protection relay (overcurrent relay) 2,40 - 4,20 A
K-07 30 28 85	Motor protection relay (overcurrent relay) 4,00 - 7,00 A
K-07 30 28 80	Motor protection relay (overcurrent relay) 6,10 - 10,3 A
K-07 30 28 81	Motor protection relay (overcurrent relay) 9,00 - 14,0 A
K-07 30 28 82	Motor protection relay (overcurrent relay) 11,0 - 18,0 A
K-07 30 28 76	Diaphragm
K-07 30 28 73	Hood with On/Off-Switch
K-07 30 28 72	Hood without On/Off-Switch



**Web:** <http://cat.hansa-flex.com/en/KKOMPRMDR5>

**K-DRS ELEKTRONISCH**

## Pressure switches, electronic with digital display

Electronic pressure switch with digital display, made of stainless steel, for monitoring and measuring pressures in liquids, gases or compressed air. Applications: Machine tools, compressors and pumps, hydraulic and pneumatic systems, machinery in general

**Ambient temperature:** -20 °C to +80 °C

**Electrical connection:** Round plug connector M 12 x 1, 4-pol.

**Output signal:** 2 switching outputs

**Accuracy:** 1% of span

**Power supply:** DC 15 - 35V

**Wetted parts:** CrNi steel

**Messstofftemperatur:** -20 °C to +85 °C

**Prozessanschluss:** G 1/4

**Protection IP:** IP 65 and IP 67 (M 12 x 1)

**Housing:** CrNi steel

**Note:** Further information on request



Identification	Connection	Measuring range
K- 07 30 30 07	G 1/4	0 - 1,0 bar
K- 07 30 30 12	G 1/4	0 - 2.5 bar
K- 07 30 30 15	G 1/4	0 - 4.0 bar
K- 07 30 30 18	G 1/4	0 - 6.0 bar
K- 07 30 30 08	G 1/4	0 - 10.0 bar
K- 07 30 30 10	G 1/4	0 - 16.0 bar
K- 07 30 30 13	G 1/4	0 - 25.0 bar
K- 07 30 30 16	G 1/4	0 - 40.0 bar
K- 07 30 30 19	G 1/4	0 - 60.0 bar
K- 07 30 30 09	G 1/4	0 - 100.0 bar
K- 07 30 30 11	G 1/4	0 - 160.0 bar
K- 07 30 30 14	G 1/4	0 - 250.0 bar
K- 07 30 30 17	G 1/4	0 - 400.0 bar
K- 07 30 30 20	G 1/4	0 - 600.0 bar

**Web:** <http://cat.hansa-flex.com/en/KDRSELEKTRONISCH>

**Accessories:**

**K-ELEKTRO DRUCHSCHALTER EDS** - Electronic pressure switch EDS

**K-ELEKTRO DRUCHSCHALTER EDS**

## Electronic pressure switch EDS



Identification	Designation
K- 07 30 30 25	Straight connector, 4-pole, without cable
K- 07 30 30 26	Angular connector, 4-pole, without cable
K- 07 30 30 21	Straight connector, 4-pole, with 2 m PUR cable
K- 07 30 30 22	Straight connector, 4-pole, with 5 m PUR cable



**K-ELEKTRO DRUCHSCHALTER EDS**

(Continued)

**Electronic pressure switch EDS****Identification**

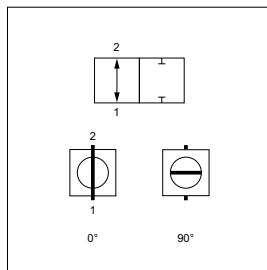
K- 07 30 30 23

K- 07 30 30 24

**Designation**

Angular connector, 4-pole, with 2 m PUR cable

Angular connector, 4-pole, with 5 m PUR cable

**Web:** <http://cat.hansa-flex.com/en/KELEKTRODRUCHSCHALTEREDS>**BKR ND DVGW****2-way ball valve in low pressure design****Connection 1 + 2:** BSP cylindrical internal threads**Contact travel:** 0°; 90°**Additional feature:** DVGW approval for gas**Temp. range:** Water: 0 °C to +120 °C, Gas: -20 °C to + 60 °C, Miscellaneous: - 20 °C to + 150 °C**Media:** Town gas, liquid gas, methane gas, Cold and hot water, oils, Compressed air and general hydrocarbons**Surface:** nickel plated**Material:** Elastomer O-ring double seal, Brass housing, Steel handle with yellow plastic protection, Brass ball, hard chrome-plated**Note:** The pressure figures are applicable for temperatures from 0 °C to +25 °C; at higher temperatures, pressure reductions must be taken into account.**Ordering information:** Other pressure and temperature figures available on request.

Identification	DN*	Connecting thread	BD* for gas bar	Operating pressure bar
BKR 06 ND DVGW	6	G 1/4" -19	5	64,0
BKR 10 ND DVGW	10	G 3/8" -19	5	64,0
BKR 13 ND DVGW	12	G 1/2" -14	5	63,0
BKR 20 ND DVGW	19	G 3/4" -14	5	40,0
BKR 25 ND DVGW	25	G 1" -11	5	40,0
BKR 32 ND DVGW	31	G 1.1/4" -11	5	30,0
BKR 40 ND DVGW	38	G 1.1/2" -11	5	30,0
BKR 50 ND DVGW	51	G 2" -11	5	25,0

DN = Nominal diameter, nominal width BD = Working pressure

**Web:** <http://cat.hansa-flex.com/en/BKRNDVGPNEU>

**BKR ND ROV****2-way ball valve in low pressure design**

With longer screw-in thread for pipe fittings to DIN 2353

**Connection 1 + 2:** BSP cylindrical internal threads

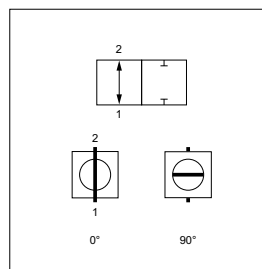
**Sealing form 1 + 2:** for screw-in pins with shapes A, B and if necessary E

**Contact travel:** 0°; 90°

**Temp. range:** Water: 0 °C to +130 °C, Air: - 20 °C to +130 °C

**Surface:** nickel plated

**Material:** Brass housing, Aluminium handle, Brass ball, hard chrome-plated, PTFE ball seal



**Note:** The pressure figures are applicable for temperatures from 0 °C to +25 °C; at higher temperatures, pressure reductions must be taken into account.

**Ordering information:** Other pressure and temperature figures available on request.

Identification	DN*	Connecting thread	Operating pressure bar
BKR 06 ND ROV	6	G 1/4" -19	64,0
BKR 10 ND ROV	10	G 3/8" -19	64,0
BKR 13 ND ROV	12	G 1/2" -14	50,0
BKR 20 ND ROV	19	G 3/4" -14	40,0
BKR 25 ND ROV	25	G 1" -11	40,0
BKR 32 ND ROV	31	G 1.1/4" -11	30,0
BKR 40 ND ROV	38	G 1.1/2" -11	30,0
BKR 50 ND ROV	51	G 2" -11	25,0

DN = Nominal diameter, nominal width

**Web:** <http://cat.hansa-flex.com/en/BKRNDROVPNEU>

**BKR ND K****2-way ball valve in low pressure design**

**Construction:** Compact type with T- handle

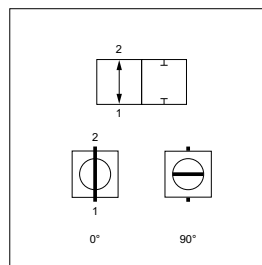
**Connection 1 + 2:** BSP cylindrical internal threads

**Contact travel:** 0°; 90°

**Temp. range:** Air: - 20 °C to + 150 °C, Water: 0 °C to +150 °C

**Surface:** nickel plated

**Material:** Brass housing, Aluminium handle, Brass ball, hard chrome-plated, PTFE ball seal



**Note:** The pressure figures are applicable for temperatures from 0 °C to +25 °C; at higher temperatures, pressure reductions must be taken into account.

**Ordering information:** Other pressure and temperature figures available on request.

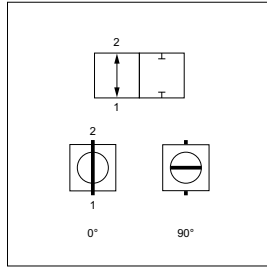
Identification	DN*	Connecting thread	Operating pressure bar
BKR 06 ND K	6	G 1/4" -19	50,0
BKR 10 ND K	10	G 3/8" -19	50,0
BKR 13 ND K	12	G 1/2" -14	50,0
BKR 20 ND K	19	G 3/4" -14	40,0
BKR 25 ND K	25	G 1" -11	40,0

DN = Nominal diameter, nominal width BD = Working pressure

**Web:** <http://cat.hansa-flex.com/en/BKRNDKPNEU>

**BKR ND**

## 2-way ball valve in low pressure design



**Connection 1 + 2:** BSP cylindrical internal threads

**Contact travel:** 0°; 90°

**Temp. range:** Air: - 20 °C to + 150 °C, Water: 0 °C to +150 °C

**Surface:** nickel plated

**Material:** Brass housing, Aluminium handle, Brass ball, hard chrome-plated, PTFE ball seal

**Note:** The pressure figures are applicable for temperatures from 0 °C to +25 °C; at higher temperatures, pressure reductions must be taken into account.

**Ordering information:** Other pressure and temperature figures available on request.

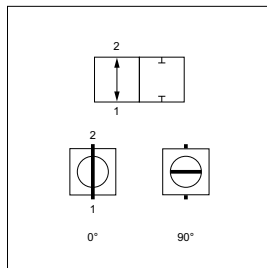
Identification	DN*	Connecting thread	Operating pressure bar
BKR 06 ND	6	G 1/4" -19	50,0
BKR 10 ND	10	G 3/8" -19	50,0
BKR 13 ND	12	G 1/2" -14	50,0
BKR 20 ND	19	G 3/4" -14	40,0
BKR 25 ND	25	G 1" -11	40,0
BKR 32 ND	31	G 1.1/4" -11	30,0
BKR 40 ND	38	G 1.1/2" -11	30,0
BKR 50 ND	51	G 2" -11	25,0
BKR 65 ND	65	G 2.1/2" -11	18,0
BKR 75 ND	76	G 3" -11	16,0
BKR 100 ND	100	G 4" -11	14,0

DN = Nominal diameter, nominal width

**Web:** <http://cat.hansa-flex.com/en/BKRNDPNEU>

**BKR HR ND**

## 2-way ball valve in low pressure design



**Connection 1:** BSP cylindrical internal threads

**Connection 2:** BSP cylindrical external threads

**Contact travel:** 0°; 90°

**Temp. range:** Air: - 20 °C to + 150 °C, Water: 0 °C to +150 °C

**Surface:** nickel plated

**Material:** Brass housing, Aluminium handle, Brass ball, hard chrome-plated, PTFE ball seal

**Note:** The pressure figures are applicable for temperatures from 0 °C to +25 °C; at higher temperatures, pressure reductions must be taken into account.

**Ordering information:** Other pressure and temperature figures available on request.

Identification	DN*	Connecting thread	Operating pressure bar
BKR 06 HR ND	6	G 1/4" -19	50,0
BKR 10 HR ND	10	G 3/8" -19	50,0
BKR 13 HR ND	12	G 1/2" -14	50,0
BKR 20 HR ND	19	G 3/4" -14	40,0
BKR 25 HR ND	25	G 1" -11	40,0
BKR 32 HR ND	31	G 1.1/4" -11	30,0
BKR 40 HR ND	38	G 1.1/2" -11	30,0
BKR 50 HR ND	51	G 2" -11	25,0

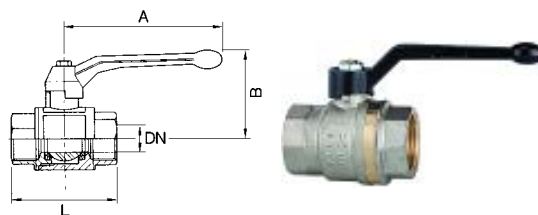
DN = Nominal diameter, nominal width SF = Safety factor AF = Width across flats

**Web:** <http://cat.hansa-flex.com/en/BKRHRNDPNEU>



**K-BKR LEICHT IG IG****Ball valves, lightweight type, female/female thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	Nickel-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket



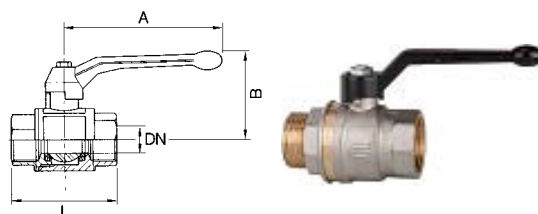
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 33	8	G 1/4	85,0	42,0	39,0
K-07 30 00 34	10	G 3/8	85,0	42,0	43,0
K-07 30 00 35	15	G 1/2	85,0	46,0	50,0
K-07 30 00 36	20	G 3/4	105,0	53,0	58,0
K-07 30 00 37	25	G 1	105,0	57,0	69,0
K-07 30 00 38	32	G 1 1/4	130,0	70,0	81,0
K-07 30 00 39	40	G 1 1/2	130,0	76,0	93,0
K-07 30 00 40	50	G 2	165,0	92,0	110,0

**Web:** <http://cat.hansa-flex.com/en/KBKRLEICHTIGIG>

**K-BKR LEICHT IG AG****Ball valves, lightweight type, female/male thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket



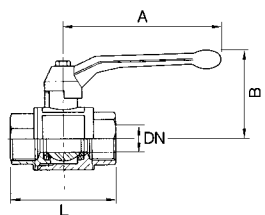
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 25	8	G 1/4	85,0	42,0	44,0
K-07 30 00 26	10	G 3/8	85,0	42,0	51,0
K-07 30 00 27	15	G 1/2	85,0	46,0	60,0
K-07 30 00 28	20	G 3/4	105,0	53,0	70,0
K-07 30 00 29	25	G 1	105,0	57,0	79,0
K-07 30 00 30	32	G 1 1/4	130,0	70,0	91,0
K-07 30 00 31	40	G 1 1/2	130,0	76,0	104,0
K-07 30 00 32	50	G 2	165,0	92,0	122,0

**Web:** <http://cat.hansa-flex.com/en/KBKRLEICHTIGAG>

**K-BKR IG IG**

## Brass ball valves, female/female thread



<b>Working pressure:</b>	Max. 25 bar
<b>Operating pressure:</b>	Max. 28 bar
<b>Operating temperature:</b>	-20 oC to +100 oC
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel Q235-A (1.0038) with blue PVC coating
<b>Ball:</b>	Nickel-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR

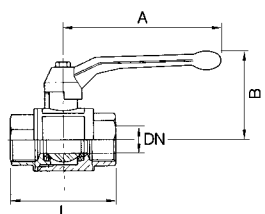
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 21 61	8	1/4	75,0	38,0	40,0
K-07 30 21 62	10	3/8	75,0	38,0	40,0
K-07 30 21 63	15	1/2	96,0	45,0	50,0
K-07 30 21 64	19	3/4	98,0	45,0	55,0
K-07 30 21 65	25	1	118,0	55,0	63,0
K-07 30 21 66	31	1 1/4	118,0	58,0	73,0
K-07 30 21 67	37	1 1/2	138,0	73,0	83,0
K-07 30 21 68	45	2	160,0	82,0	99,0

**Web:** <http://cat.hansa-flex.com/en/KBKRIIG>

**K-BKR IG AG**

## Brass ball valves, female/male thread



<b>Working pressure:</b>	Max. 25 bar
<b>Operating pressure:</b>	Max. 28 bar
<b>Operating temperature:</b>	-20 oC to +100 oC
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel Q235-A (1.0038) with blue PVC coating
<b>Ball:</b>	Nickel-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR

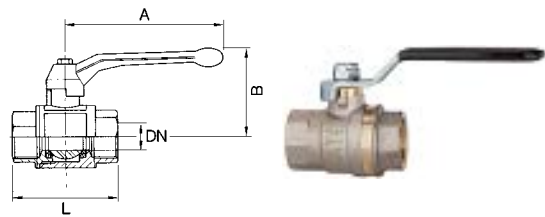
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 21 53	8	1/4	75,0	38,0	50,0
K-07 30 21 54	10	3/8	75,0	37,0	47,0
K-07 30 21 55	15	1/2	98,0	45,0	59,0
K-07 30 21 56	19	3/4	98,0	49,0	65,0
K-07 30 21 57	25	1	118,0	55,0	74,0
K-07 30 21 58	31	1 1/4	118,0	58,0	83,0
K-07 30 21 59	37	1 1/2	138,0	71,0	95,0
K-07 30 21 60	45	2	160,0	85,0	111,0

**Web:** <http://cat.hansa-flex.com/en/KBKRIIGAG>

**K-BKR SCHW STAHLHEBEL IG IG****Ball valves with black steel lever, lightweight type, female/female thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket



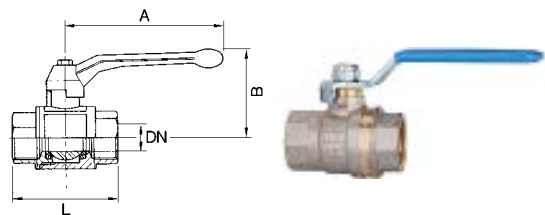
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 83	8	G 1/4	85,0	42,0	39,0
K-07 30 00 87	10	G 3/8	85,0	42,0	43,0
K-07 30 00 91	15	G 1/2	85,0	46,0	50,0
K-07 30 00 95	20	G 3/4	105,0	53,0	58,0
K-07 30 00 99	25	G 1	105,0	57,0	69,0
K-07 30 01 03	32	G 1 1/4	130,0	70,0	81,0
K-07 30 01 07	40	G 1 1/2	130,0	76,0	93,0
K-07 30 01 11	50	G 2	165,0	92,0	110,0

**Web:** <http://cat.hansa-flex.com/en/KBKRSCHWSTAHLHEBELIGIG>

**K-BKR BLAU STAHLHEBEL IG IG****Ball valves with blue steel lever, lightweight type, female/female thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket



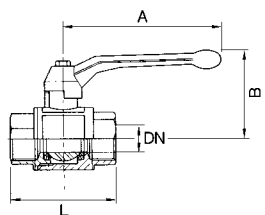
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 80	8	G 1/4	85,0	42,0	39,0
K-07 30 00 84	10	G 3/8	85,0	42,0	43,0
K-07 30 00 88	15	G 1/2	85,0	46,0	50,0
K-07 30 00 92	20	G 3/4	105,0	53,0	58,0
K-07 30 00 96	25	G 1	105,0	57,0	69,0
K-07 30 01 00	32	G 1 1/4	130,0	70,0	81,0
K-07 30 01 04	40	G 1 1/2	130,0	76,0	93,0
K-07 30 01 08	50	G 2	165,0	92,0	110,0

**Web:** <http://cat.hansa-flex.com/en/KBKRBLAUSTAHLHEBELIGIG>

**K-BKR GELB STAHLHEBEL IG IG**

Ball valves with yellow steel lever, lightweight type, female/female thread



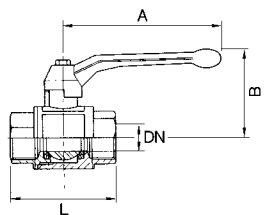
<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 81	8	G 1/4	85,0	42,0	39,0
K-07 30 00 85	10	G 3/8	85,0	42,0	43,0
K-07 30 00 89	15	G 1/2	85,0	46,0	50,0
K-07 30 00 93	20	G 3/4	105,0	53,0	58,0
K-07 30 00 97	25	G 1	105,0	57,0	69,0
K-07 30 01 01	32	G 1 1/4	130,0	70,0	81,0
K-07 30 01 05	40	G 1 1/2	130,0	76,0	93,0
K-07 30 01 09	50	G 2	165,0	92,0	110,0

**Web:** <http://cat.hansa-flex.com/en/KBKRGELBSTAHLHEBELIGIG>
**K-BKR SCHW STAHLHEBEL IG AG**

Ball valves with black steel lever, lightweight type, female/male thread



<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket

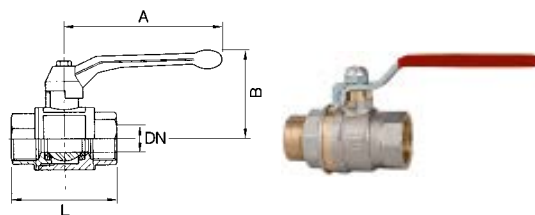
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 51	8	G 1/4	85,0	42,0	44,0
K-07 30 00 55	10	G 3/8	85,0	42,0	51,0
K-07 30 00 59	15	G 1/2	85,0	46,0	60,0
K-07 30 00 63	20	G 3/4	105,0	53,0	70,0
K-07 30 00 67	25	G 1	105,0	57,0	79,0
K-07 30 00 71	32	G 1 1/4	130,0	70,0	91,0
K-07 30 00 75	40	G 1 1/2	130,0	76,0	104,0
K-07 30 00 79	50	G 2	165,0	92,0	122,0

**Web:** <http://cat.hansa-flex.com/en/KBKRSCHWSTAHLHEBELIGAG>

**K-BKR ROT STAHLHEBEL IG AG****Ball valves with red steel lever, lightweight type, female/male thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket



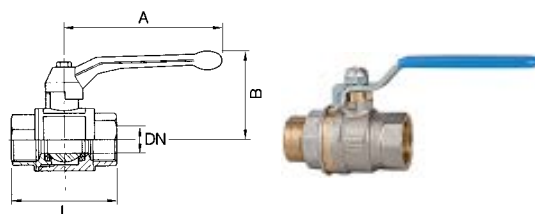
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 50	8	G 1/4	85,0	42,0	44,0
K-07 30 00 54	10	G 3/8	85,0	42,0	51,0
K-07 30 00 58	15	G 1/2	85,0	46,0	60,0
K-07 30 00 62	20	G 3/4	105,0	53,0	70,0
K-07 30 00 66	25	G 1	105,0	57,0	79,0
K-07 30 00 70	32	G 1 1/4	130,0	70,0	91,0
K-07 30 00 74	40	G 1 1/2	130,0	76,0	104,0
K-07 30 00 78	50	G 2	165,0	92,0	122,0

**Web:** <http://cat.hansa-flex.com/en/KBKRROTSTAHLHEBELIGAG>

**K-BKR BLAU STAHLHEBEL IG AG****Ball valves with blue steel lever, lightweight type, female/male thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket



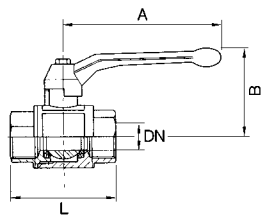
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 48	8	G 1/4	85,0	42,0	44,0
K-07 30 00 52	10	G 3/8	85,0	42,0	51,0
K-07 30 00 56	15	G 1/2	85,0	46,0	60,0
K-07 30 00 60	20	G 3/4	105,0	53,0	70,0
K-07 30 00 64	25	G 1	105,0	57,0	79,0
K-07 30 00 68	32	G 1 1/4	130,0	70,0	91,0
K-07 30 00 72	40	G 1 1/2	130,0	76,0	104,0
K-07 30 00 76	50	G 2	165,0	92,0	122,0

**Web:** <http://cat.hansa-flex.com/en/KBKRBLAUSTAHLHEBELIGAG>

**K-BKR GELB STAHLHEBEL IG AG**

## Ball valves with yellow steel lever, lightweight type, female/male thread



<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Steel, with plastic coating
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	HNBR / EPDM / PTFE. 2 O-Rings (HNBR / EPDM) 1 gasket (PTFE), additional PTFE-gasket

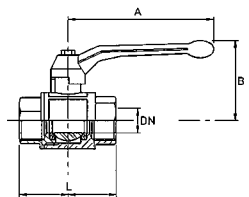
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 49	8	G 1/4	85,0	42,0	44,0
K-07 30 00 53	10	G 3/8	85,0	42,0	51,0
K-07 30 00 57	15	G 1/2	85,0	46,0	60,0
K-07 30 00 61	20	G 3/4	105,0	53,0	70,0
K-07 30 00 65	25	G 1	105,0	57,0	79,0
K-07 30 00 69	32	G 1 1/4	130,0	70,0	91,0
K-07 30 00 73	40	G 1 1/2	130,0	76,0	104,0
K-07 30 00 77	50	G 2	165,0	92,0	122,0

**Web:** <http://cat.hansa-flex.com/en/KBKRGELBSTAHLHEBELIGAG>

**K-BKR LANG IG IG**

## Ball valves, long-threaded type, female/female thread



<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	Thread acc. to ISO 7-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Aluminium, painted black
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR / EPDM

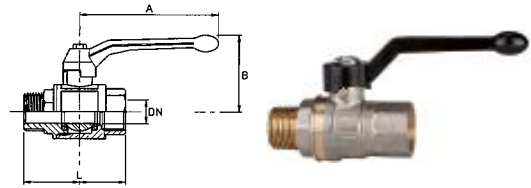
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 21 45	8	Rp/Rp 1/4	85,0	42,0	49,0
K-07 30 21 46	10	Rp/Rp 3/8	85,0	42,0	50,0
K-07 30 21 47	15	Rp/Rp 1/2	85,0	46,0	61,0
K-07 30 21 48	20	Rp/Rp 3/4	105,0	53,0	70,0
K-07 30 21 49	25	Rp/Rp 1	105,0	57,0	84,0
K-07 30 21 50	32	Rp/Rp 1 1/4	130,0	70,0	97,0
K-07 30 21 51	40	Rp/Rp 1 1/2	130,0	76,0	108,0
K-07 30 21 52	50	Rp/Rp 2	165,0	92,0	130,0

**Web:** <http://cat.hansa-flex.com/en/KBKRLANGIGIG>

**K-BKR LANG IG AG****Ball valves, long-threaded type, female/male thread**

<b>Application:</b>	Compressed air, water, non-toxic and non-corrosive gases, heating systems, agriculture
<b>Operating pressure:</b>	Max. 40 bar
<b>Operating temperature:</b>	-15 °C to +90 °C
<b>Thread description:</b>	Thread acc. to ISO 7-1
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Aluminium, painted black
<b>Ball:</b>	Chrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR / EPDM



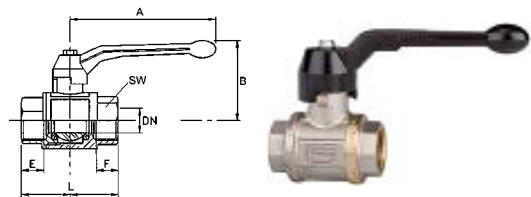
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 21 37	8	Rp/R 1/4	85,0	42,0	52,0
K-07 30 21 38	10	Rp/R 3/8	85,0	42,0	54,0
K-07 30 21 39	15	Rp/R 1/2	85,0	46,0	67,0
K-07 30 21 40	20	Rp/R 3/4	105,0	53,0	78,0
K-07 30 21 41	25	Rp/R 1	105,0	57,0	89,0
K-07 30 21 42	32	Rp/R 1 1/4	130,0	70,0	103,0
K-07 30 21 43	40	Rp/R 1 1/2	130,0	76,0	113,0
K-07 30 21 44	50	Rp/R 2	165,0	92,0	136,0

**Web:** <http://cat.hansa-flex.com/en/KBKRLANGIGAG>

**K-BKR HANDHEBEL IG IG****Ball valves with hand lever, female/female thread**

<b>Application:</b>	Compressed air, water, non-toxic and neutral gases, heating oil (EL),(S), lubricants, dieseloil, water beased coatings
<b>Operating temperature:</b>	-20 °C to +130 °C
<b>Thread description:</b>	G thread acc. to DIN EN ISO 228-1, R thread acc. to DIN EN 10226 (ISO 7-1)
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	hardchrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	PTFE



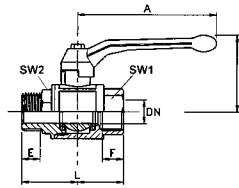
**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	E mm	F mm	L mm	AF mm
K-07 30 21 19	8	G 1/4	80	75,0	51,5	6,5	6,5	40,5	18
K-07 30 21 20	10	G 3/8	80	75,0	54,0	8,5	8,5	46,0	21
K-07 30 21 21	15	G 1/2	80	100,0	64,0	9,5	9,5	55,0	26
K-07 30 21 22	20	G 3/4	80	120,0	67,5	12,5	12,5	65,0	32
K-07 30 21 23	25	G 1	80	120,0	80,0	13,5	13,5	76,0	39
K-07 30 21 24	32	G 1 1/4	80	150,0	94,0	13,5	13,5	85,0	49
K-07 30 21 25	40	G 1 1/2	80	150,0	103,0	18,0	18,0	103,0	56
K-07 30 21 26	50	G 2	63	175,0	115,5	20,5	20,5	121,0	69
K-07 30 21 27	65	G 2 1/2	40	280,0	152,0	24,2	24,2	148,0	85
K-07 30 21 28	80	G 3	40	280,0	163,5	26,8	26,8	172,0	100

**Web:** <http://cat.hansa-flex.com/en/KBKRHANDHEBELIGIG>

**K-BKR HANDHEBEL IG AG**

## Ball valves with hand lever, female/male thread



<b>Application:</b>	Compressed air, water, non-toxic and neutral gases, heating oil (EL),(S), lubricants, dieseloil, water beased coatings
<b>Operating temperature:</b>	-20 °C to +130 °C
<b>Thread description:</b>	G thread acc. to DIN EN ISO 228-1, R thread acc. to DIN EN 10226 (ISO 7-1)
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	hardchrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	PTFE

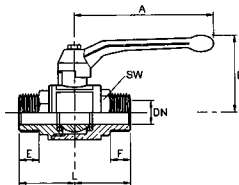
**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	E mm	F mm	L mm	AF1 mm	AF2 mm
K-07 30 00 17	8	G/R 1/4	80	75,0	51,5	11,0	7,0	49,0	18	18
K-07 30 00 18	10	G/R 3/8	80	75,0	54,0	11,0	8,5	56,0	21	21
K-07 30 00 19	15	G/R 1/2	80	100,0	64,0	14,9	8,5	68,0	26	27
K-07 30 00 20	20	G/R 3/4	80	100,0	68,0	16,0	14,0	77,0	32	33
K-07 30 00 21	25	G/R 1	80	120,0	80,0	19,0	15,0	89,0	39	40
K-07 30 00 22	32	G/R 1 1/4	80	150,0	95,0	21,2	16,0	100,0	49	50
K-07 30 00 23	40	G/R 1 1/2	80	150,0	103,0	21,2	18,0	114,5	56	57
K-07 30 00 24	50	G/R 2	80	175,0	115,5	25,5	21,0	136,0	69	70

**Web:** <http://cat.hansa-flex.com/en/KBKRHANDHEBELIGAG>

**K-BKR HANDHEBEL AG AG**

## Ball valves with hand lever, male/male thread



<b>Application:</b>	Compressed air, water, non-toxic and neutral gases, heating oil (EL),(S), lubricants, dieseloil, water beased coatings
<b>Operating temperature:</b>	-20 °C to +130 °C
<b>Thread description:</b>	G thread acc. to DIN EN ISO 228-1, R thread acc. to DIN EN 10226 (ISO 7-1)
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	hardchrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	PTFE

**Note:** Further information on request

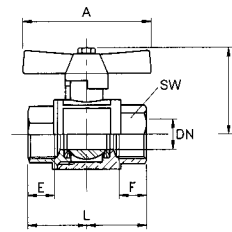
Identification	DN	Thread	PN (bar)	A mm	B mm	E mm	F mm	L mm	AF mm
K-07 30 00 09	8	R 1/4	100	75,0	51,5	10,9	10,9	54,5	18
K-07 30 00 10	10	R 3/8	100	100,0	61,0	11,2	11,2	66,0	22
K-07 30 00 11	15	R 1/2	100	100,0	64,0	14,9	14,9	82,0	27
K-07 30 00 12	20	R 3/4	100	120,0	76,0	16,0	16,0	95,0	33
K-07 30 00 13	25	R 1	100	120,0	80,0	19,0	19,0	107,0	40
K-07 30 00 14	32	R 1 1/4	100	150,0	96,4	21,2	21,2	122,4	50
K-07 30 00 15	40	R 1 1/2	100	150,0	102,9	21,2	21,2	136,0	57
K-07 30 00 16	50	R 2	80	175,0	117,8	25,0	25,0	159,5	70

**Web:** <http://cat.hansa-flex.com/en/KBKRHANDHEBELAGAG>



**K-BKR DREHGRIFIG IG****Ball valves with wing lever, female/female thread**

<b>Application:</b>	Compressed air, water, non-toxic and neutral gases, heating oil (EL),(S), lubricants, dieseloil, water beased coatings
<b>Operating temperature:</b>	-20 °C to +130 °C
<b>Thread description:</b>	G thread acc. to DIN EN ISO 228-1, R thread acc. to DIN EN 10226 (ISO 7-1)
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	hardchrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	PTFE



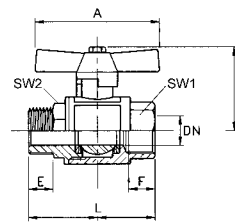
**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	E mm	F mm	L mm	AF mm
K-07 30 20 53	8	G 1/4	80	45,0	43,0	6,5	6,5	40,5	18
K-07 30 20 54	10	G 3/8	80	45,0	46,0	8,5	8,5	46,0	21
K-07 30 20 55	15	G 1/2	80	55,0	54,5	9,5	9,5	55,0	26
K-07 30 20 56	20	G 3/4	80	55,0	59,0	12,5	12,5	65,0	32
K-07 30 20 57	25	G 1	80	70,0	73,0	13,5	13,5	76,0	39

**Web:** <http://cat.hansa-flex.com/en/KBKRDREHGRIFIGIG>

**K-BKR DREHGRIFIG AG****Ball valves with wing lever, female/male thread**

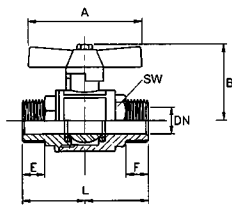
<b>Application:</b>	Compressed air, water, non-toxic and neutral gases, heating oil (EL),(S), lubricants, dieseloil, water beased coatings
<b>Operating temperature:</b>	-20 °C to +130 °C
<b>Thread description:</b>	G thread acc. to DIN EN ISO 228-1, R thread acc. to DIN EN 10226 (ISO 7-1)
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	hardchrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	PTFE



**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	E mm	F mm	L mm	AF1 mm	AF2 mm
K-07 30 20 37	8	G/R 1/4	80	45,0	43,0	11,0	7,0	49,0	18	18
K-07 30 20 38	10	G/R 3/8	80	45,0	45,5	11,0	9,0	56,0	21	21
K-07 30 20 39	15	G/R 1/2	80	55,0	54,5	15,0	8,0	68,0	27	26
K-07 30 20 40	20	G/R 3/4	80	55,0	58,5	16,0	13,0	77,0	33	32
K-07 30 20 41	25	G/R 1	80	70,0	70,5	19,0	14,5	88,4	40	39

**Web:** <http://cat.hansa-flex.com/en/KBKRDREHGRIFIGAG>

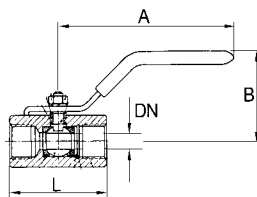
**K-BKR DREHGRIF AG AG****Ball valves with wing lever, male/male thread**

<b>Application:</b>	Compressed air, water, non-toxic and neutral gases, heating oil (EL),(S), lubricants, dieseloil, water beased coatings
<b>Operating temperature:</b>	-20 °C to +130 °C
<b>Thread description:</b>	G thread acc. to DIN EN ISO 228-1, R thread acc. to DIN EN 10226 (ISO 7-1)
<b>Housing:</b>	Nickel-plated brass
<b>Lever:</b>	Alu, painted black
<b>Ball:</b>	hardchrome-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	PTFE

**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	E mm	F mm	L mm	AF mm
K-07 30 20 22	8	R 1/4	100	45,0	43,0	11,0	11,0	54,5	18
K-07 30 20 23	10	R 3/8	100	45,0	51,0	11,2	11,2	66,0	21
K-07 30 20 24	15	R 1/2	100	55,0	54,5	14,9	14,9	82,0	27
K-07 30 20 25	20	R 3/4	100	55,0	66,0	16,1	16,1	94,0	33
K-07 30 20 26	25	R 1	100	70,0	70,0	19,0	19,0	107,0	40

**Web:** <http://cat.hansa-flex.com/en/KBKRDREHGRIFAGAG>

**K-BKR EINTEILIG VA****Ball valves**

	Full bore with G 1/4 to G 3/8, reduced bore with G 1/2 to G 2
<b>Operating pressure:</b>	max. 55 bar (depending on connection size and temperature)
<b>Operating temperature:</b>	Max. 150 °C
<b>Seal:</b>	PTFE
<b>Hand lever:</b>	Stainless steel 1.4301

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Material	DN	Thread	A mm	B mm	L mm
K-07 30 14 94	Stainless steel 1.4401/1.4408	5	G 1/4	60,0	30,0	39,8
K-07 30 14 95	Stainless steel 1.4401/1.4408	7	G 3/8	80,0	33,0	44,8
K-07 30 14 96	Stainless steel 1.4401/1.4408	9	G 1/2	110,0	57,0	56,5
K-07 30 14 97	Stainless steel 1.4401/1.4408	13	G 3/4	110,0	61,0	60,0
K-07 30 14 98	Stainless steel 1.4401/1.4408	15	G 1	124,0	70,0	70,0
K-07 30 14 99	Stainless steel 1.4401/1.4408	20	G 1 1/4	152,0	75,0	77,6
K-07 30 15 00	Stainless steel 1.4401/1.4408	25	G 1 1/2	150,0	80,0	87,0
K-07 30 15 01	Stainless steel 1.4401/1.4408	32	G 2	155,0	85,0	102,0

**Web:** <http://cat.hansa-flex.com/en/KBKREINTEILIGVA>

## K-BKR STANDARD ZWEITEILIG VA

## Ball valves

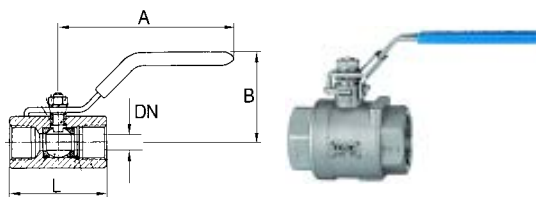
Full bore

**Operating pressure:** max. 70 bar (depending on temperature and nominal size)

**1.1/4" to 1.1/2":** 20 °C: 70 bar, 60 °C: 55 bar, 100 °C: 35 bar, 150 °C: 6 bar, 180 °C: 4 bar, 200 °C: 0 bar

**1/4" bis 1":** 20 °C: 70 bar, 60 °C: 65 bar, 100 °C: 45 bar, 150 °C: 7 bar, 180 °C: 4 bar, 200 °C: 0 bar

**2":** 20 °C: 60 bar, 60 °C: 40 bar, 100 °C: 30 bar, 150 °C: 5 bar, 180 °C: 4 bar, 200 °C: 0 bar

**Operating temperature:** 200 °C at 0 bar**Seal:** 15 % RPTFE (glass fibre reinforced PTFE)**Hand lever:** Stainless steel 1.4301

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Material	DN	Thread	A mm	B mm	L mm
K-07 30 00 01	Stainless steel 1.4401/1.4408	8	G 1/4	102,0	56,0	52,0
K-07 30 00 02	Stainless steel 1.4401/1.4408	10	G 3/8	102,0	56,0	52,0
K-07 30 00 03	Stainless steel 1.4401/1.4408	15	G 1/2	123,0	65,0	58,0
K-07 30 00 04	Stainless steel 1.4401/1.4408	20	G 3/4	123,0	68,0	67,0
K-07 30 00 05	Stainless steel 1.4401/1.4408	25	G 1	153,0	79,0	78,0
K-07 30 00 06	Stainless steel 1.4401/1.4408	32	G 1 1/4	153,0	84,0	90,0
K-07 30 00 07	Stainless steel 1.4401/1.4408	40	G 1 1/2	183,0	93,0	104,0
K-07 30 00 08	Stainless steel 1.4401/1.4408	50	G 2	183,0	99,0	127,0

**Web:** <http://cat.hansa-flex.com/en/KBKRSTANDARDZWEITEILIGVA>

## K-BKR GEWINDEAUSLAUF VA

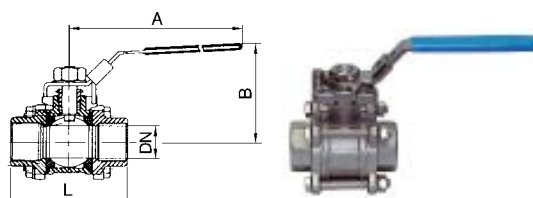
## Ball valves

**Operating pressure:** max. 70 bar (depending on temperature and nominal size)

**1.1/4" to 1.1/2":** 20 °C: 70 bar, 60 °C: 55 bar, 100 °C: 35 bar, 150 °C: 6 bar, 180 °C: 4 bar, 200 °C: 0 bar

**1/4" bis 1":** 20 °C: 70 bar, 60 °C: 65 bar, 100 °C: 45 bar, 150 °C: 7 bar, 180 °C: 4 bar, 200 °C: 0 bar

**2":** 20 °C: 60 bar, 60 °C: 40 bar, 100 °C: 30 bar, 150 °C: 5 bar, 180 °C: 4 bar, 200 °C: 0 bar

**Operating temperature:** 200 °C at 0 bar**Seal:** 15 % RPTFE (glass fibre reinforced PTFE)**Hand lever:** Stainless steel 1.4301

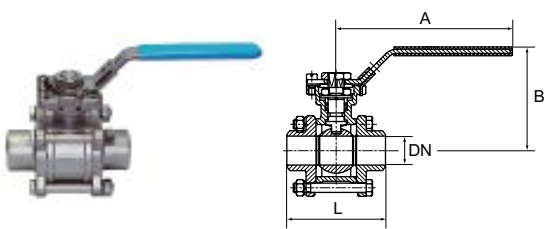
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Material	DN	Thread	A mm	B mm	L mm
K-07 30 14 86	Stainless steel 1.4401/1.4408	8	G 1/4	123,0	74,0	63,0
K-07 30 14 87	Stainless steel 1.4401/1.4408	10	G 3/8	123,0	74,0	63,0
K-07 30 14 88	Stainless steel 1.4401/1.4408	15	G 1/2	123,0	74,0	63,0
K-07 30 14 89	Stainless steel 1.4401/1.4408	20	G 3/4	123,0	78,0	73,0
K-07 30 14 90	Stainless steel 1.4401/1.4408	25	G 1	153,0	89,0	85,0
K-07 30 14 91	Stainless steel 1.4401/1.4408	32	G 1 1/4	153,0	94,0	96,0
K-07 30 14 92	Stainless steel 1.4401/1.4408	40	G 1 1/2	183,0	110,0	114,0
K-07 30 14 93	Stainless steel 1.4401/1.4408	50	G 2	183,0	118,0	134,0

**Web:** <http://cat.hansa-flex.com/en/KBKRGEWINDEAUSLAUFVA>

**K-BKR ANSCHWEISS VA**

## Ball valves



<b>Operating pressure:</b>	max. 70 bar (depending on temperature and nominal size)
<b>1.1/4" to 1.1/2":</b>	20 °C: 70 bar, 60 °C: 55 bar, 100 °C: 35 bar, 150 °C: 6 bar, 180 °C: 4 bar, 200 °C: 0 bar
<b>1/4" bis 1":</b>	20 °C: 70 bar, 60 °C: 65 bar, 100 °C: 45 bar, 150 °C: 7 bar, 180 °C: 4 bar, 200 °C: 0 bar
<b>2":</b>	20 °C: 60 bar, 60 °C: 40 bar, 100 °C: 30 bar, 150 °C: 5 bar, 180 °C: 4 bar, 200 °C: 0 bar
<b>Operating temperature:</b>	200 °C at 0 bar
<b>Seal:</b>	15 % RPTFE (glass fibre reinforced PTFE)
<b>Hand lever:</b>	Stainless steel 1.4301

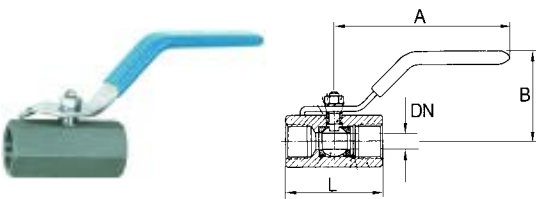
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	Material	DN	A mm	B mm	L mm
K-07 30 14 78	Stainless steel 1.4401/1.4408	12	123,0	74,0	70,0
K-07 30 14 79	Stainless steel 1.4401/1.4408	13	123,0	74,0	70,0
K-07 30 14 80	Stainless steel 1.4401/1.4408	15	123,0	74,0	75,0
K-07 30 14 81	Stainless steel 1.4401/1.4408	20	123,0	78,0	90,0
K-07 30 14 82	Stainless steel 1.4401/1.4408	25	152,0	90,0	100,0
K-07 30 14 83	Stainless steel 1.4401/1.4408	32	152,0	94,0	110,0
K-07 30 14 84	Stainless steel 1.4401/1.4408	40	182,0	110,0	125,0
K-07 30 14 85	Stainless steel 1.4401/1.4408	50	182,0	118,0	150,0

**Web:** <http://cat.hansa-flex.com/en/KBKRANSCHWEISSVA>

**K-BKR KL SERIE 374**

## Ball valves, 374 series



<b>Operating pressure:</b>	max. 70 bar (Depending on Temperature)
<b>Operating temperature:</b>	Max. 150 °C
<b>Seal:</b>	PTFE
<b>Hand lever:</b>	Stainless steel 1.4301

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Material	DN	Thread	A mm	B mm	L mm
K-07 30 15 32	Stainless steel 1.4401/1.4408	5	G 1/4	62,0	30,0	47,0
K-07 30 15 33	Stainless steel 1.4401/1.4408	7	G 3/8	82,0	30,0	51,0
K-07 30 15 34	Stainless steel 1.4401/1.4408	9	G 1/2	92,0	45,0	64,0
K-07 30 15 35	Stainless steel 1.4401/1.4408	13	G 3/4	94,0	50,0	68,0

**Web:** <http://cat.hansa-flex.com/en/KBKRKLSERIE374>

**K-BKR KL SERIE 375**

## Ball valves, 375 series

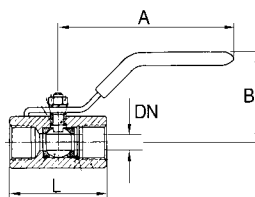
**Operating pressure:** max. 70 bar (depending on temperature and nominal size)

**Recommended values:** G 1/4 to G 1: 20 °C: 70 bar, 60 °C: 65 bar, 100 °C: 45 bar, 150 °C: 7 bar, 180 °C: 4 bar, 200 °C: 0 bar, G 1 1/4 to G 1 1/2: 20 °C: 70 bar, 60 °C: 55 bar, 100 °C: 35 bar, 150 °C: 7 bar, 180 °C: 4 bar, 200 °C: 0 bar, G 2: 20 °C: 60 bar, 60 °C: 40 bar, 100 °C: 0 bar

**Operating temperature:** 200 °C at 0 bar

**Seal:** 15 % RPTFE (glass fibre reinforced PTFE)

**Hand lever:** Stainless steel 1.4301



**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Material	DN	Thread	A mm	B mm	L mm
K- 07 30 15 36	Stainless steel 1.4401/1.4408	5	G 1/4	69,0	34,0	39,0
K- 07 30 15 37	Stainless steel 1.4401/1.4408	7	G 3/8	83,0	38,0	44,0
K- 07 30 15 38	Stainless steel 1.4401/1.4408	10	G 1/2	96,0	41,0	59,0
K- 07 30 15 39	Stainless steel 1.4401/1.4408	13	G 3/4	96,0	45,0	60,0
K- 07 30 29 80	Stainless steel 1.4401/1.4408	16	G 1	116,0	52,0	72,0
K- 07 30 29 81	Stainless steel 1.4401/1.4408	20	G 1 1/4	116,0	57,0	77,0
K- 07 30 29 82	Stainless steel 1.4401/1.4408	25	G 1 1/2	158,0	62,0	84,0
K- 07 30 29 83	Stainless steel 1.4401/1.4408	32	G 2	158,0	68,0	100,0

**Web:** <http://cat.hansa-flex.com/en/KBKRKLSEIE375>

**K-BKR SERIE VALVE LINE**

## Stainless steel ball valves

**Operating pressure:** max. 70 bar, depending on temperature and nominal size

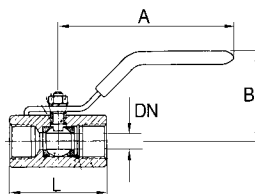
**Operating temperature:** -15 °C to +110 °C, depending on port size and temperature

**Thread description:** G thread acc. DIN EN ISO 228-1

**Seal:** PTFE

**Hand lever:** Stainless steel 1.4301

**Material:** sealing: PTFE



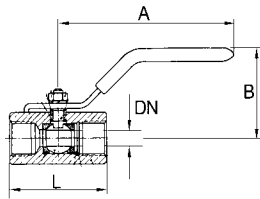
**Note:** Further information on request

Identification	Material	DN	Thread	A mm	B mm	L mm
K- 07 30 15 24	Stainless steel 1.4408	13	1/4	99,5	47,0	47,5
K- 07 30 15 25	Stainless steel 1.4408	13	3/8	99,5	47,0	47,5
K- 07 30 15 26	Stainless steel 1.4408	15	1/2	99,5	48,0	58,0
K- 07 30 15 27	Stainless steel 1.4408	20	3/4	126,5	62,0	65,0
K- 07 30 15 28	Stainless steel 1.4408	25	1	126,5	69,0	77,0
K- 07 30 15 29	Stainless steel 1.4408	32	1 1/4	153,0	81,0	90,0
K- 07 30 15 30	Stainless steel 1.4408	38	1 1/2	153,0	87,0	98,5
K- 07 30 15 31	Stainless steel 1.4408	50	2	192,0	95,0	122,0

**Web:** <http://cat.hansa-flex.com/en/KBKRSEIEVALVELINE>

**K-S-BKR O ENTL ABSCHL**

## Safety ball valves, lockable, without relief port



2/2-way safety ball valves made of nickel-plated brass. Specially designed for pneumatic applications. The ball valve can be locked manually. Full bore, heavy-duty type.

**Thread description:** Rp thread acc. to EN 10226

**Temperature:** -40 °C up to max. +170 °C; Warning: The freezing fluid in the system may damage the valve difficult

**Housing:** Nickel-plated brass

**Hand lever:** Steel - PVC coated

**Ball seals:** PTFE

**Stem seal:** PTFE

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	L mm
K-07 30 21 29	8	Rp 1/4	65	82,0	39,5	51,0
K-07 30 21 30	10	Rp 3/8	65	82,0	39,5	51,0
K-07 30 21 31	15	Rp 1/2	65	100,0	43,0	61,0
K-07 30 21 32	20	Rp 3/4	40	120,0	52,5	74,5
K-07 30 21 33	25	Rp 1	40	120,0	57,0	90,5
K-07 30 21 34	32	Rp 1 1/4	30	158,0	78,0	104,0
K-07 30 21 35	40	Rp 1 1/2	30	158,0	85,0	117,0
K-07 30 21 36	50	Rp 2	30	158,0	92,0	135,0

**Web:** <http://cat.hansa-flex.com/en/KSBKROENTLABSCHL>

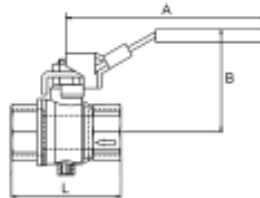
**Accessories:**

**K-VORHAENGESCHLOSS** - Padlock

## 6

**K-S-BKR M ENTL-BOHR ABSCHL**

## Safety ball valves, lockable, with relief port



2/2-way safety ball valves, two parts, made of nickel-plated brass. Specially designed for pneumatic applications.

The valve shuts off the supply line and bleeds the application area. Lockable hand lever in closed position.

**Operating temperature:** -10 °C to + 100 °C (depending on operating pressure)

**Relief port:** M 5 (>1": Relief port G 1/4")

**Thread description:** Rp thread acc. to EN 10226

**Housing:** Nickel-plated brass

**Hand lever:** Steel - PVC coated

**Ball:** hardchrome-plated brass

**Ball seals:** PTFE

**Stem seal:** PTFE

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	L mm
K-07 30 29 29	8	Rp 1/4	14	96,0	49,0	45,0
K-07 30 29 30	10	Rp 3/8	14	96,0	49,0	45,0
K-07 30 29 31	15	Rp 1/2	14	96,0	51,0	59,0
K-07 30 29 32	20	Rp 3/4	14	117,0	60,0	64,0
K-07 30 29 33	25	Rp 1	14	117,0	64,0	81,0
K-07 30 29 34	32	Rp 1 1/4	14	157,0	80,0	93,0
K-07 30 29 35	40	Rp 1 1/2	14	157,0	86,0	102,0
K-07 30 29 36	50	Rp 2	14	157,0	93,0	121,0

**Web:** <http://cat.hansa-flex.com/en/KSBKRMENTLBOHRABSCHL>

**Accessories:**

**K-VORHAENGESCHLOSS** - Padlock

**K-S-BKR FEDERRUECKSTELLUNG**

## Safety ball valve with spring return

2/2-way safety ball valves, two parts, made of nickel-plated brass with spring return. Applications: Compressed air, water, oils, fuel oil, fuels, inert gases. Silicone-free. The ball valve is closed in the normal position and opens against spring force.

**Operating temperature:** -20 °C to +170 °C

**Thread description:** Rp thread acc. to ISO 7-1

**Spring:** Stainless steel 1.4301

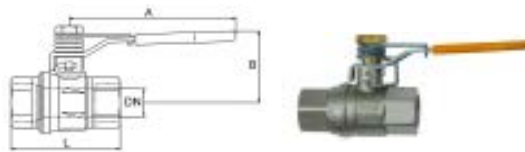
**Housing:** Nickel-plated brass

**Hand lever:** Steel - PVC coated

**Ball:** hardchrome-plated brass

**Ball seals:** PTFE

**Stem seal:** FKM



**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	L mm
K-07 30 30 40	8	Rp 1/4	65	100,0	40,0	50,0
K-07 30 30 43	10	Rp 3/8	65	100,0	40,0	60,0
K-07 30 30 39	15	Rp 1/2	65	100,0	43,0	75,0
K-07 30 30 42	20	Rp 3/4	40	120,0	51,0	80,0
K-07 30 30 36	25	Rp 1	40	120,0	55,0	90,0
K-07 30 30 38	32	Rp 1 1/4	40	158,0	75,0	110,0
K-07 30 30 37	40	Rp 1 1/2	40	158,0	81,0	120,0
K-07 30 30 41	50	Rp 2	40	158,0	88,0	140,0

**Web:** <http://cat.hansa-flex.com/en/KSBKRFEDERRUECKSTELLUNG>

**K-S-BKR M ENTL**

## Safety ball valves

2/2-way brass safety ball valves. Specially designed for pneumatic applications. The ball valve shuts off the supply side and relieves the application into the atmosphere.

**Operating temperature:** 0 °C to +60 °C

**Thread description:** Rp thread acc. to ISO 7-1

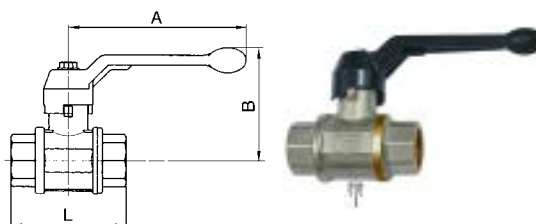
**Sealant:** PTFE

**Housing, ball, spindle, stuffing**

**box:** Nickel-plated brass

**Hand lever:** Die-cast aluminium, black

**Material:** sealing: PTFE



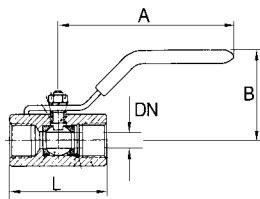
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm	max. working pressure at 20° C bar
K-07 30 21 08	8	Rp 1/4	100,0	61,0	52,0	12
K-07 30 21 09	10	Rp 3/8	100,0	61,0	55,0	12
K-07 30 21 10	15	Rp 1/2	100,0	64,0	69,0	12
K-07 30 21 11	20	Rp 3/4	120,0	76,0	77,0	12
K-07 30 21 12	25	Rp 1	120,0	80,0	89,0	12
K-07 30 21 13	32	Rp 1 1/4	150,0	98,0	103,0	12
K-07 30 21 14	40	Rp 1 1/2	150,0	104,0	114,0	12
K-07 30 21 15	50	Rp 2	175,0	119,0	134,0	12

**Web:** <http://cat.hansa-flex.com/en/KSBKRMENL>

**K-S-BKR M ENTL ABSCHL**

Safety ball valves lockable, with relief port



2/2-way stainless steel safety ball valves. Specially designed for pneumatic applications. The ball valve can be locked manually and has a relief port.

**Operating pressure:** Max. 10 bar  
**Operating temperature:** -20 °C to max. +100 °C  
**Relief port:** M 5  
**Thread description:** Rp thread acc. to ISO 7-1  
**Hand lever:** Stainless steel - PVC coated  
**Ball seals:** PTFE / NBR  
**Stem seal:** PTFE  
**Material:** Stainless steel

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 15 16	8	Rp 1/4	100,0	50,0	55,0
K-07 30 15 17	10	Rp 3/8	100,0	50,0	55,0
K-07 30 15 18	15	Rp 1/2	130,0	60,0	65,0
K-07 30 15 19	20	Rp 3/4	130,0	64,0	74,6
K-07 30 15 20	25	Rp 1	165,0	71,0	88,0
K-07 30 15 21	32	Rp 1 1/4	165,0	78,0	102,0
K-07 30 15 22	40	Rp 1 1/2	190,0	86,0	110,0
K-07 30 15 23	50	Rp 2	190,0	95,0	125,0

**Web:** <http://cat.hansa-flex.com/en/KSBKRMENLABSCHL>

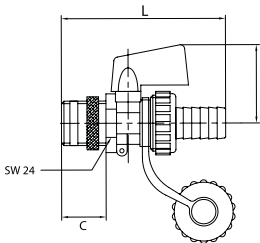
**Accessories:**

**K-VORHAENGESCHLOSS** - Padlock

6

**K-KFE-BKR**

KFE-ball valves



Boiler, filling and drain valves for heating systems.

**Operating pressure:** Max. 10 bar  
**Media temperature:** max. +110 °C  
**Stem:** I.D. 13  
**Hand lever:** Die cast zinc  
**Ball, cutting ring seal:** PTFE  
**spindle seal, hose nozzle, cap:** EPDM

**Note:** Further information on request

Identification	Thread	B mm	C mm	L mm	Material
K-07 30 30 34	G 1/2	37,0	20,0	74,6	Brass with a bare metal surface
K-07 30 30 35	G 1/2	37,0	20,0	74,6	Nickel-plated brass



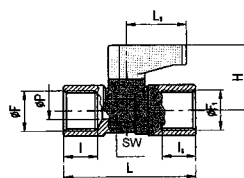
**Web:** <http://cat.hansa-flex.com/en/KKFEKBR>



**K-BKR MINI BLAUER GR**

## Mini ball valves with blue wing lever surface

**Operating pressure:** Max. 10 bar  
**Thread description:** Female thread G (DIN EN ISO 228-1), Male thread R (ISO 7-1)  
**Media temperature:** -10 °C to +80 °C  
**Turning handle:** Plastic  
**Housing and ball:** Nickel-plated brass  
**Ball seals:** PTFE  
**Stem seal:** NBR



**Note:** Further information on request

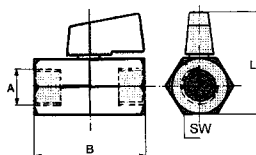
Identification	DN	Thread	H	L	L1	AF
			mm	mm	mm	mm
K- 07 30 20 06	6	G 1/8 female	23,0	34,0	24,0	15
K- 07 30 20 07	6	G 1/4 female	23,0	38,0	24,0	15
K- 07 30 20 08	8	G 3/8 female	24,0	43,0	24,0	17
K- 07 30 20 09	10	G 1/2 female	27,0	49,0	24,0	21
K- 07 30 20 02	6	G 1/8 female / R 1/8 male	23,0	34,0	24,0	15
K- 07 30 20 03	6	G 1/4 female / R 1/4 male	23,0	39,0	24,0	15
K- 07 30 20 04	8	G 3/8 female / R 3/8 male	24,0	43,0	24,0	17
K- 07 30 20 05	10	G 1/2 female / R 1/2 male	27,0	50,0	24,0	21

**Web:** <http://cat.hansa-flex.com/en/KBKRMINIPLAUERGR>

**K-BKR MINI GLATTE OBERFLAECHE**

## Mini ball valves

**Application:** Compressed air, water, oils, non-toxic gases  
**Operating pressure:** Max. 10 bar  
**Media temperature:** -10 °C to +80 °C  
**Housing and ball:** Nickel-plated brass  
**Hand lever, turning handle:** Plastic  
**Ball seals:** PTFE  
**Stem seal:** NBR



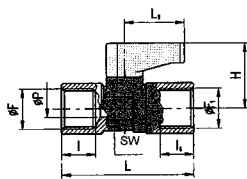
**Note:** Further information on request

Identification	Thread	B	L	AF
		mm	mm	mm
K- 07 30 20 86	G 1/8 female	39,0	38,0	20
K- 07 30 20 87	G 1/4 female	39,0	38,0	20
K- 07 30 20 88	G 3/8 female	42,0	38,0	20
K- 07 30 20 89	G 1/2 female	47,0	38,0	24
K- 07 30 20 82	G 1/8 female/male	39,0	38,0	20
K- 07 30 20 83	G 1/4 female/male	39,0	38,0	20
K- 07 30 20 84	G 3/8 female / male	40,0	38,0	20
K- 07 30 20 85	G 1/2 female/male	45,0	38,0	24

**Web:** <http://cat.hansa-flex.com/en/KBKRMINIGLATTEOBERFLAECHE>

**K-BKR MINI DREGRIF 1**

## Mini ball valves



**Operating pressure:** Max. 10 bar  
**Media temperature:** -10 °C to +80 °C  
**Turning handle:** Plastic  
**Housing and ball:** Nickel-plated brass  
**Ball seals:** PTFE  
**Stem seal:** NBR

**Note:** Further information on request

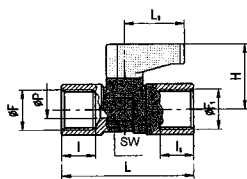
Identification	DN	Thread	H mm	L mm	L1 mm	AF mm
K-07 30 20 48	6	Rp 1/8 female	21,5	36,5	19,0	14
K-07 30 20 49	6	Rp 1/4 female	21,5	43,0	19,0	14
K-07 30 29 76	7	Rp 3/8 female	22,5	48,0	18,0	18
K-07 30 29 77	10	Rp 1/2 female	32,0	59,0	25,0	22
K-07 30 20 30	6	R/Rp 1/8 male / 1/8 female	21,5	35,5	19,0	14
K-07 30 20 31	6	R/Rp 1/4 male / 1/8 female	21,5	38,0	19,0	14
K-07 30 20 32	6	R/Rp 1/4 male / 1/4 female	21,5	40,5	19,0	14
K-07 30 20 33	6	R/Rp 3/8 male / 1/4 female	21,5	41,5	19,0	14
K-07 30 29 78	8	R/Rp 3/8 male / 3/8 female	22,5	44,5	19,5	18
K-07 30 29 79	10	R/Rp 1/2 male / 1/2 female	32,5	55,5	26,5	22



**Web:** <http://cat.hansa-flex.com/en/KBKRMINIDREGRIF1>

**K-BKR MINI SAFETY**

## Mini safety ball valves, non-lockable, with relief port - SAFETY



**Operating pressure:** 0.99 - 20 bar  
**Operating temperature:** -20 °C to max. +80 °C  
**Relief port:** 2,5  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Hand lever:** PA 66  
**Ball seals:** PTFE  
**Stem seal:** NBR  
**Material:** Nickel-plated brass

**Note:** Further information on request

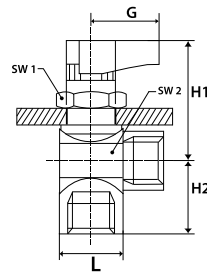
Identification	DN	Thread	H mm	L mm	L1 mm	AF mm
K-07 30 20 10	6	G 1/8 female	21,0	35,0	19,0	14
K-07 30 20 11	6	G 1/4 female	21,0	37,0	19,0	14
K-07 30 20 12	8	G 3/8 female	21,0	42,0	19,0	18

**Web:** <http://cat.hansa-flex.com/en/KBKRMINISAFETY>

**K-W90BK MINI**

## angle mini ball valves

**Application:** Compressed air, water, oil  
**Operating pressure:** -0,99 bar - 20 bar  
**Operating temperature:** -20 °C to +80 °C  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Housing and ball:** Chrome-plated brass  
**Hand lever:** PA 66 glass fibre-reinforced  
**Ball seals:** PTFE  
**Stem seal:** NBR



**Note:** Further information on request

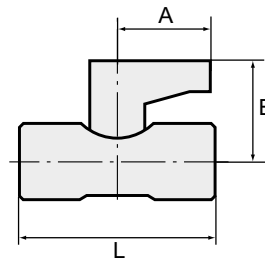
Identification	DN	Thread	G mm	H1 mm	H2 mm	L mm	AF1 mm	AF2 mm
K- 07 30 29 84	5	G 1/8 female	19,00	33,5	15,5	28,5	17	17
K- 07 30 29 85	5	G 1/4 female	19,00	33,5	17,5	28,5	17	17
K- 07 30 29 86	7	G 3/8 female	19,00	35,0	19,5	31,0	17	21

**Web:** <http://cat.hansa-flex.com/en/KW90BKMINI>

**K-BKR MINI VA IG**

## Mini ball valves, stainless steel, 2 x female thread

**Operating pressure:** max. 64 bar  
**Operating temperature:** -20 °C to +120 °C  
**Seal:** FKM (FPM)  
**Housing:** Stainless steel 1.4401 (AISI 316)  
**Hand lever:** Aluminium  
**Ball seals:** PTFE  
**Spindle:** Stainless steel 1.4401 (AISI 316)



**Note:** Further information on request

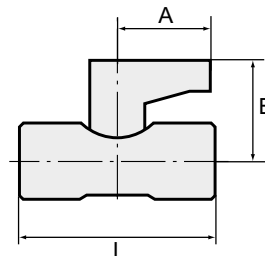
Identification	DN	Thread	A mm	B mm	L mm
K- 07 30 20 45	7	G 1/4	22,8	26,5	40,0
K- 07 30 20 46	7	G 3/8	22,8	26,5	42,0
K- 07 30 20 47	9	G 1/2	22,8	28,3	46,0

**Web:** <http://cat.hansa-flex.com/en/KBKRMINIVAIG>

**K-BKR MINI VA IG AG**

## Mini ball valves, stainless steel, female / male thread

**Operating pressure:** max. 64 bar  
**Operating temperature:** -20 °C to +120 °C  
**Seal:** FKM (FPM)  
**Housing:** Stainless steel 1.4401 (AISI 316)  
**Hand lever:** Aluminium  
**Ball seals:** PTFE  
**Spindle:** Stainless steel 1.4401 (AISI 316)



**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K- 07 30 20 13	7	G 1/4	22,8	26,5	40,0



**K-BKR MINI VA IG AG**

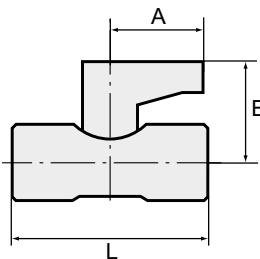
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## Mini ball valves, stainless steel, female / male thread

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 20 14	7	G 3/8	22,8	26,5	42,0
K-07 30 20 15	9	G 1/2	22,8	28,3	46,0

 Web: <http://cat.hansa-flex.com/en/KBKRMINIAGAG>
**K-BKR MINI VA AG**

## Mini ball valves, stainless steel, 2 x male thread



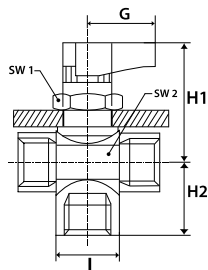
**Operating pressure:** max. 64 bar  
**Operating temperature:** -20 °C to +120 °C  
**Seal:** FKM (FPM)  
**Housing:** Stainless steel 1.4401 (AISI 316)  
**Hand lever:** Aluminium  
**Ball seals:** PTFE  
**Spindle:** Stainless steel 1.4401 (AISI 316)

Note: Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 20 19	7	G 1/4	22,8	26,5	50,0
K-07 30 20 20	7	G 3/8	22,8	26,5	50,0
K-07 30 20 21	9	G 1/2	22,8	28,3	58,0

 Web: <http://cat.hansa-flex.com/en/KBKRMINIAGAG>
**K-3 BKR MINI L**

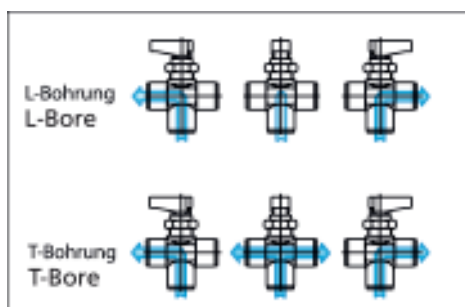
## 3-way mini ball valves, L-Bore



**Application:** Compressed air, water, oil  
**Operating pressure:** -0,99 bar - 20 bar  
**Operating temperature:** -20 °C to +80 °C  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Housing and ball:** Chrome-plated brass  
**Hand lever:** PA 66 glass fibre-reinforced  
**Ball seals:** PTFE  
**Stem seal:** NBR

Note: Further information on request

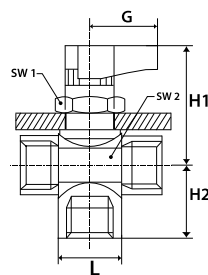
Identification	DN	Thread	G mm	H1 mm	H2 mm	L mm	AF1 mm	AF2 mm
K-07 30 29 87	5	G 1/8 female	19,00	33,5	15,5	35,0	17	17
K-07 30 29 88	5	G 1/4 female	19,00	33,5	17,5	37,0	17	17
K-07 30 29 89	7	G 3/8 female	19,00	35,0	19,5	42,0	17	21


 Web: <http://cat.hansa-flex.com/en/K3BKRMINIL>

**K-3 BKR MINI T**

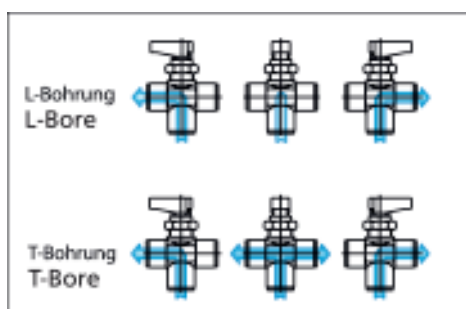
## 3-way mini ball valves, T-Bore

**Application:** Compressed air, water, oil  
**Operating pressure:** -0,99 bar - 20 bar  
**Operating temperature:** -20 °C to +80 °C  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Housing and ball:** Chrome-plated brass  
**Hand lever:** PA 66 glass fibre-reinforced  
**Ball seals:** PTFE  
**Stem seal:** NBR



**Note:** Further information on request

Identification	DN	Thread	G mm	H1 mm	H2 mm	L mm	AF1 mm	AF2 mm
K-07 30 29 90	5	G 1/8 female	19,00	33,5	15,5	35,0	17	17
K-07 30 29 91	5	G 1/4 female	19,00	33,5	17,5	37,0	17	17
K-07 30 29 92	7	G 3/8 female	19,00	35,0	19,5	42,0	17	21

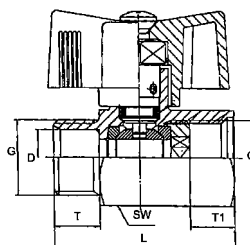


**Web:** <http://cat.hansa-flex.com/en/K3BKRMINIT>

**K-BKR MINI DREHGRIFF**

## Mini ball valves with wing lever

**Application:** Compressed air, water, oils, non-toxic gases  
**Operating pressure:** Max. 10 bar  
**Media temperature:** -10 °C to +90 °C  
**Housing and ball:** Nickel-plated brass  
**Hand lever, turning handle:** Plastic  
**Ball seals:** PTFE  
**Stem seal:** FKM



**Note:** Further information on request

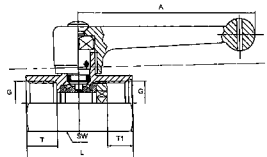
Identification	DN	Thread	L mm	AF mm	T mm	T1 mm
K-07 30 20 50	8	G 1/4 female	41,5	21	9,0	10,5
K-07 30 20 51	8	G 3/8 female	41,5	21	12,0	10,0
K-07 30 20 52	10	G 1/2 female	47,0	24	12,5	10,5
K-07 30 20 34	8	G 1/4 female/male	41,5	21	9,0	10,5
K-07 30 20 35	8	G 3/8 female / male	40,5	21	10,0	10,0
K-07 30 20 36	10	G 1/2 female/male	46,0	25	12,0	10,6



**Web:** <http://cat.hansa-flex.com/en/KBKRMINIDREHGRIFF>

**K-BKR MINI HANDHEBEL**

## Mini ball valves with hand lever



<b>Application:</b>	Compressed air, water, oils, non-toxic gases
<b>Operating pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	-10 °C to +90 °C
<b>Housing and ball:</b>	Nickel-plated brass
<b>Hand lever, turning handle:</b>	Plastic
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	FKM

**Note:** Further information on request

Identification	DN	Thread	A mm	L mm	AF mm	T mm	T1 mm
K-07 30 21 16	8	G 1/4 female	68,5	41,5	21	9,0	10,5
K-07 30 21 17	8	G 3/8 female	68,5	41,5	21	12,0	10,0
K-07 30 21 18	10	G 1/2 female	68,5	47,0	25	12,5	10,5
K-07 30 20 90	8	G 1/4 female/male	68,5	41,5	20	9,0	10,5
K-07 30 20 91	8	G 3/8 female / male	68,5	40,5	21	10,0	10,0
K-07 30 20 92	10	G 1/2 female/male	68,5	46,5	25	12,0	10,6

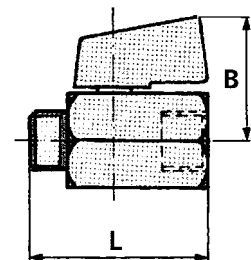


**Web:** <http://cat.hansa-flex.com/en/KBKRMINIHANDHEBEL>

## 6

**K-BKR MINI SERIE VALVE LINE**

## Mini ball valves



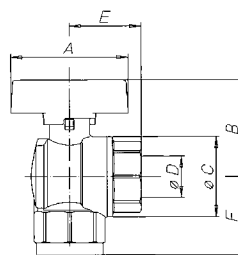
<b>Operating pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	-10 °C to +90 °C
<b>Turning handle:</b>	Plastic
<b>Housing and ball:</b>	Nickel-plated brass
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR

Identification	DN	Thread	B mm	L mm	AF mm
K-07 30 21 69	8	1/4 female	28,0	42,0	20
K-07 30 21 70	8	3/8 female	28,0	42,0	20
K-07 30 21 71	10	1/2 female	29,0	45,5	24
K-07 30 21 72	8	1/4 female/male	28,0	40,5	20
K-07 30 21 73	8	3/8 female/male	28,0	40,5	20
K-07 30 21 74	10	1/2 female/male	29,0	44,5	24

**Web:** <http://cat.hansa-flex.com/en/KBKRMINISERIEVALVELINE>

**K-BKR ECKFORM IG AG 1****Ball valves, angle type, female/female thread**

<b>Application:</b>	Gas, compressed air, water, oil, weak alkaline solutions
<b>Operating pressure:</b>	Liquids: 40/32 bar depending on the port size; Gas: max. 5 bar (MOP 5)
<b>Operating temperature:</b>	-15 °C to +100 °C for liquids; -15 °C to +60 °C for gas
<b>Thread description:</b>	R or RP thread acc. to ISO 7-1
<b>Housing, internal parts:</b>	Nickel-plated brass
<b>Lever:</b>	Aluminium, painted yellow
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR



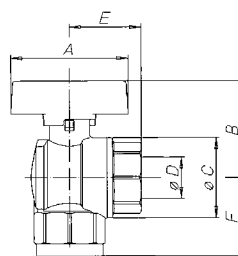
**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	Ø C mm	E mm	F mm
K- 07 30 20 42	15	Rp 1/2	40	47,0	38,0	31,0	31,0	33,0
K- 07 30 20 43	20	Rp 3/4	40	56,0	46,0	39,0	35,0	38,0
K- 07 30 20 44	25	Rp 1	40	56,0	50,0	48,0	42,0	46,0

**Web:** <http://cat.hansa-flex.com/en/KBKRECKFORMIGAG1>

**K-BKR ECKFORM IG AG AUS****Ball valves, angle type, female/male thread (male thread on side)**

<b>Application:</b>	Gas, compressed air, water, oil, weak alkaline solutions
<b>Operating pressure:</b>	Liquids: 40/32 bar depending on the port size; Gas: max. 5 bar (MOP 5)
<b>Operating temperature:</b>	-15 °C to +100 °C for liquids; -15 °C to +60 °C for gas
<b>Thread description:</b>	R or RP thread acc. to ISO 7-1
<b>Housing, internal parts:</b>	Nickel-plated brass
<b>Lever:</b>	Aluminium, painted yellow
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR



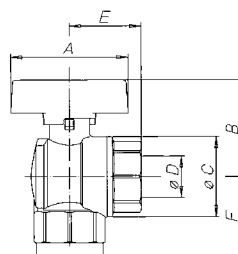
**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	Ø C mm	E mm	F mm
K- 07 30 20 27	15	R/Rp 1/2	40	47,0	37,0	31,0	37,0	33,0
K- 07 30 20 28	20	R/Rp 3/4	40	56,0	46,0	38,9	43,0	38,0
K- 07 30 20 29	25	R/Rp 1	40	56,0	50,0	48,0	51,0	46,0

**Web:** <http://cat.hansa-flex.com/en/KBKRECKFORMIGAGAUS>

**K-BKR ECKFORM AG AG****Ball valves, angle type, male/male thread**

<b>Application:</b>	Gas, compressed air, water, oil, weak alkaline solutions
<b>Operating pressure:</b>	Liquids: 40/32 bar depending on the port size; Gas: max. 5 bar (MOP 5)
<b>Operating temperature:</b>	-15 °C to +100 °C for liquids; -15 °C to +60 °C for gas
<b>Thread description:</b>	R or RP thread acc. to ISO 7-1
<b>Housing, internal parts:</b>	Nickel-plated brass
<b>Lever:</b>	Aluminium, painted yellow
<b>Ball seals:</b>	PTFE
<b>Stem seal:</b>	NBR



**Note:** Further information on request

Identification	DN	Thread	PN (bar)	A mm	B mm	Ø C mm	E mm	F mm
K- 07 30 20 16	15	R 1/2	40	47,0	38,0	31,0	37,0	35,0



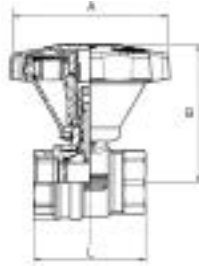
**K-BKR ECKFORM AG AG**

(Continued)

**Ball valves, angle type, male/male thread**

Identification	DN	Thread	PN (bar)	A mm	B mm	Ø C mm	E mm	F mm
K-07 30 20 17	20	R 3/4	40	56,0	46,0	38,5	43,0	40,0
K-07 30 20 18	25	R 1	40	56,0	50,0	48,0	51,0	48,0

**Web:** <http://cat.hansa-flex.com/en/KBKRECKFORMAGAG>

**K-BKR FEINEINSTELLUNG****Ball valves**

Brass ball valves in the standard series with fine adjustment. Unlike our classic standard ball valves (open-close function), this model features a special stem technology that allows finely modulated opening and closing of the line. The flow rate can be regulated extremely precisely as a result. The cock is made of low-lead brass with a bare brass surface on the inside. It is thus safe to use with drinking water.

This valve complies with the European standard EN 13828 and the working paper DVGW W 570.

**Operating pressure:** Max. 40 bar

**Operating temperature:** -15 °C to +100 °C

**Thread description:** G thread acc. DIN EN ISO 228-1

**Housing:** Nickel-plated brass (outside); Brass with a bare metal surface (inside)

**Handwheel:** Plastic

**Ball:** Chrome-plated brass

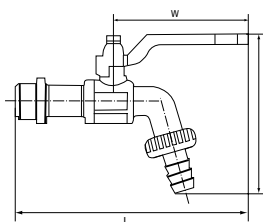
**Ball seals:** PTFE

**Stem seal:** NBR

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 00 41	10	G 3/8	83,0	63,0	43,4
K-07 30 00 42	15	G 1/2	83,0	70,0	50,1
K-07 30 00 43	20	G 3/4	83,0	76,0	58,0
K-07 30 00 44	25	G 1	83,0	80,0	68,8
K-07 30 00 45	32	G 1 1/4	130,0	110,0	81,0
K-07 30 00 46	40	G 1 1/2	130,0	116,0	93,2
K-07 30 00 47	50	G 2	130,0	123,0	110,2

**Web:** <http://cat.hansa-flex.com/en/KBKRFEINEINSTELLUNG>

**K-KUGELAUSLAUFHAEHNE MS NI****Bibcocks - Nickel-plated brass**

With hose connector, thread acc. to ISO 228-1.

**Application:** Water, gaseous and non-corrosive media, compressed air

**Operating pressure:** 15 bar (12 bar at G 1)

**Temp. range:** -20 °C to +80 °C

**Seal:** Teflon/NBR

**Housing:** Nickel-plated brass

**Material:** sealing: Teflon/NBR

**Note:** Further information on request

Identification	DN	Connection	PN (bar)	H mm	L mm	W mm
K-07 30 30 33	10	G 3/8 male	15	93,0	135,0	80,0
K-07 30 30 29	15	G 1/2 male	15	93,0	137,0	80,0
K-07 30 30 31	20	G 3/4 male	15	109,0	148,5	88,5
K-07 30 30 27	25	G 1 male	12	126,0	158,0	88,5

**Web:** <http://cat.hansa-flex.com/en/KKUGELAUSLAUFHAEHNEMSNI>



**K-KUGELAUSLAUFHAEHNE VA****Bibcocks - Stainless steel**

With hose connector, thread acc. to ISO 228-1, with lockable hand lever

**Application:** Water, gaseous and non-corrosive media, compressed air

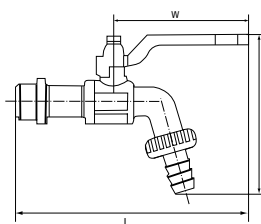
**Operating pressure:** 16 bar

**Temp. range:** -10 °C to +150 °C

**Seal:** Teflon/NBR

**Housing:** Stainless steel 1.4401

**Material:** sealing: Teflon/NBR



**Note:** Further information on request

Identification	DN	Connection	PN (bar)	H mm	L mm	W mm
K-07 30 30 30	12	G 1/2 male	16	91,0	149,0	90,0
K-07 30 30 32	20	G 3/4 male	16	102,0	156,0	90,0
K-07 30 30 28	25	G 1 male	16	116,0	145,0	90,0

**Web:** <http://cat.hansa-flex.com/en/KKUGELAUSLAUFHAEHNEVA>

**K-3 BKR T VA LEICHT****3-way ball valves, T-bore, lightweight type**

Sealing on all sides with T-bore. In contrast to the 1084 series, the lever of this model can only be turned 90° rather than 180°. Only two valve positions are therefore possible instead of four.

**Thread description:** Rp thread acc. to ISO 7-1

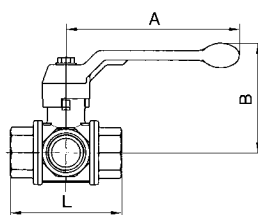
**Media temperature:** -15 °C to max. +100 °C

**Sealant:** PTFE

**Spring:** Stainless-steel

**Housing and ball:** Nickel-plated brass

**Hand lever:** Aluminium, painted black



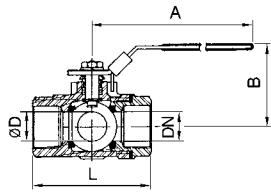
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	Bore inball	L mm	max. working pressure at 20° C bar
K-07 30 19 68	15	Rp 1/2	130,0	85,0	13	80,0	40
K-07 30 19 69	20	Rp 3/4	160,0	98,0	18	96,0	40
K-07 30 19 70	25	Rp 1	160,0	102,0	23	113,0	25
K-07 30 19 71	32	Rp 1 1/4	195,0	121,0	29	130,0	16
K-07 30 19 72	40	Rp 1 1/2	195,0	125,0	35	147,0	16
K-07 30 19 73	50	Rp 2	235,0	141,0	44	169,0	16

**Web:** <http://cat.hansa-flex.com/en/K3BKRTVALEICHT>

**K-3 BKR L VA**

## 3-way ball valves, L-bore



With L-bore, reduced bore. Version for sealing on all sides with integrated ISO flange plate (ISO 5211). The lever can be turned 360° to allow several switching variants.

**Operating pressure:** max. 63 bar  
**Operating temperature:** max. 160 °C  
**Bore:** L shaped  
**Recommended values:** Up to 40 °C: 63 bar, 150 °C: 28 bar  
**Seal:** RTFE  
**Hand lever:** Stainless steel  
**Ball valve:** Stainless steel 1.4408

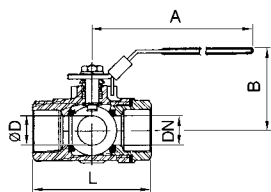
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	DN	Thread	A mm	B mm	L mm	Ø D mm
K-07 30 15 02	8	G 1/4	114,0	73,0	80,0	11,0
K-07 30 15 03	10	G 3/8	114,0	73,0	80,0	11,0
K-07 30 15 04	15	G 1/2	114,0	73,0	80,0	12,5
K-07 30 15 05	20	G 3/4	133,0	78,0	87,0	16,0
K-07 30 15 06	25	G 1	133,0	83,0	100,0	20,0
K-07 30 15 07	32	G 1 1/4	187,0	92,0	123,0	25,0
K-07 30 15 08	40	G 1 1/2	187,0	98,0	142,0	31,8
K-07 30 15 09	50	G 2	187,0	126,0	170,0	38,1

**Web:** <http://cat.hansa-flex.com/en/K3BKRLVA>

**K-3 BKR T VA**

## 3-way ball valves, T-bore



With T-bore, reduced bore. Version for sealing on all sides with integrated ISO flange plate (ISO 5211). The lever can be turned 360° to allow several switching variants.

**Operating pressure:** max. 63 bar  
**Operating temperature:** max. 160 °C  
**Bore:** T shaped  
**Recommended values:** Up to 40 °C: 63 bar, 150 °C: 28 bar  
**Seal:** RTFE  
**Hand lever:** Stainless steel  
**Ball valve:** Stainless steel 1.4408

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

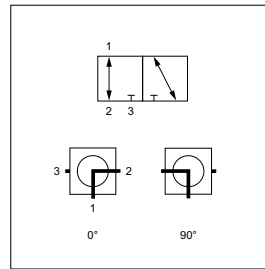
Identification	DN	Thread	A mm	B mm	L mm	Ø D mm
K-07 30 15 10	15	G 1/2	114,0	73,0	80,0	12,5
K-07 30 15 11	20	G 3/4	133,0	78,0	87,0	16,0
K-07 30 15 12	25	G 1	133,0	83,0	100,0	20,0
K-07 30 15 13	32	G 1 1/4	187,0	92,0	123,0	25,0
K-07 30 15 14	40	G 1 1/2	187,0	98,0	142,0	31,8
K-07 30 15 15	50	G 2	187,0	126,0	170,0	38,1

**Web:** <http://cat.hansa-flex.com/en/K3BKRTVA>

## 3 BKR ND L

## 3-way ball valve in low pressure design

**Connection 1 - 3:** BSP cylindrical internal threads  
**Sealing form 1 - 3:** Shape A  
**Bore:** L shaped  
**Contact travel:** 0°; 90°  
**Temp. range:** Water: 0 °C to +150 °C, Air: - 20 °C to + 150 °C  
**Surface:** nickel plated  
**Material:** Brass housing, Aluminium handle, Brass ball, hard chrome-plated, PTFE ball seal



**Ordering information:** Other pressure and temperature figures available on request.

Identification	DN*	Connecting thread	Operating pressure bar
3 BKR 06 ND L	6	G 1/4" -19	25,0
3 BKR 10 ND L	10	G 3/8" -19	25,0
3 BKR 13 ND L	12	G 1/2" -14	25,0
3 BKR 20 ND L	19	G 3/4" -14	25,0
3 BKR 25 ND L	25	G 1" -11	25,0
3 BKR 32 ND L	31	G 1.1/4" -11	25,0
3 BKR 40 ND L	38	G 1.1/2" -11	25,0
3 BKR 50 ND L	50	G 2" -11	25,0

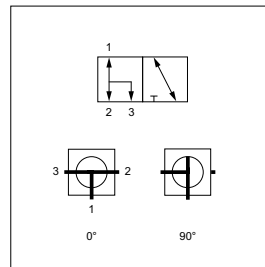
DN = Nominal diameter, nominal width

**Web:** <http://cat.hansa-flex.com/en/3BKRNDLPNEU>

## 3 BKR ND T

## 3-way ball valve in low pressure design

**Connection 1 - 3:** BSP cylindrical internal threads  
**Sealing form 1 - 3:** Shape A  
**Bore:** T shaped  
**Contact travel:** 0°; 90°  
**Temp. range:** Water: 0 °C to +150 °C, Air: - 20 °C to + 150 °C  
**Surface:** nickel plated  
**Material:** Brass housing, Aluminium handle, Brass ball, hard chrome-plated, PTFE ball seal



**Ordering information:** Other pressure and temperature figures available on request.

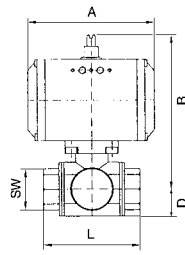
Identification	DN*	Connecting thread	Operating pressure bar
3 BKR 06 ND T	6	G 1/4" -19	25,0
3 BKR 10 ND T	10	G 3/8" -19	25,0
3 BKR 13 ND T	12	G 1/2" -14	25,0
3 BKR 20 ND T	19	G 3/4" -14	25,0
3 BKR 25 ND T	25	G 1" -11	25,0
3 BKR 32 ND T	31	G 1.1/4" -11	25,0
3 BKR 40 ND T	38	G 1.1/2" -11	25,0
3 BKR 50 ND T	51	G 2" -11	25,0

DN = Nominal diameter, nominal width

**Web:** <http://cat.hansa-flex.com/en/3BKRNDTPNEU>

**K-BKR STAN DOP VA**

## Stainless steel ball valves, double-acting actuator



2-way cock, 3-piece, full bore

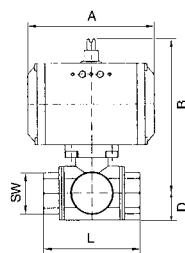
- Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback max. 63 bar (depending on temperature and nominal size)
- Operating pressure:** max. 63 bar (depending on temperature and nominal size)
- Operating temperature:** -20 °C to +70°C
- Angle of rotation:** 90 °
- Standardised interfaces:** Interface actuator / valve: four or eight threaded holes in the drive housing according to EN ISO 5211, Interface actuator / S
- Pilot pressure:** 5.5 bar
- Valve adapter:** Acc. to NAMUR
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4401, with ISO-flange plate
- Ball valve seal:** PTFE

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 42	15	Rp 1/2	133,0	144,0	24,0	75,0	29
K-07 30 02 43	15	Rp 1/2	116,0	135,0	24,0	75,0	29
K-07 30 02 44	20	Rp 3/4	133,0	148,0	27,0	80,0	35
K-07 30 02 45	20	Rp 3/4	116,0	139,0	27,0	80,0	35
K-07 30 02 46	25	Rp 1	133,0	157,0	30,0	90,0	41
K-07 30 02 47	32	Rp 1 1/4	137,0	176,0	37,0	110,0	50
K-07 30 02 48	40	Rp 1 1/2	137,0	186,0	40,0	120,0	58
K-07 30 02 49	50	Rp 2	161,0	207,0	50,0	140,0	74
K-07 30 02 50	65	Rp 2 1/2	180,0	238,0	60,0	185,0	89
K-07 30 02 51	80	Rp 3	209,0	257,0	82,0	205,0	104

**Web:** <http://cat.hansa-flex.com/en/KBKRSTANDOPVA>**K-BKR STAN EIN FED VA**

## Stainless steel ball valves, single-acting actuator - spring to close



2-way cock, 3-piece, full bore

- Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback max. 63 bar (depending on temperature and nominal size)
- Operating pressure:** max. 63 bar (depending on temperature and nominal size)
- Operating temperature:** -20 °C to +70°C
- Angle of rotation:** 90 °
- Standardised interfaces:** Interface actuator / valve: four or eight threaded holes in the drive housing according to EN ISO 5211, Interface actuator / S
- Pilot pressure:** 5.5 bar
- Valve adapter:** Acc. to NAMUR
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4401, with ISO-flange plate
- Ball valve seal:** PTFE

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 59	15	Rp 1/2	133,0	144,0	24,0	75,0	29
K-07 30 02 60	15	Rp 1/2	116,0	135,0	24,0	75,0	29
K-07 30 02 61	20	Rp 3/4	133,0	148,0	27,0	80,0	35
K-07 30 02 62	25	Rp 1	137,0	170,0	33,0	90,0	41
K-07 30 02 63	32	Rp 1 1/4	161,0	188,0	37,0	110,0	50
K-07 30 02 64	40	Rp 1 1/2	180,0	198,0	40,0	120,0	58
K-07 30 02 65	50	Rp 2	209,0	224,0	50,0	140,0	74



(Continued)

K-BKR STAN EIN FED VA

## Stainless steel ball valves, single-acting actuator - spring to close

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 66	65	Rp 2 1/2	221,0	268,0	60,0	185,0	85
K-07 30 02 67	80	Rp 3	221,0	280,0	67,0	205,0	100

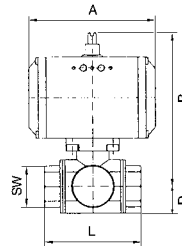
 Web: <http://cat.hansa-flex.com/en/KBKRSTANEINFEDVA>

K-3 BKR L DOPPELWIRKEND

## Stainless steel ball valves, 3-way, with double-acting actuator, L-bore

3-way cock, reduced bore

- Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
- Bore:** L shaped
- Operating pressure:** max. 63 bar (depending on temperature and nominal size)
- Operating temperature:** -20 °C to +70 °C
- Angle of rotation:** 90 °
- Standardised interfaces:** Interface actuator / valve: four or eight threaded holes in the drive housing according to EN ISO 5211, Interface actuator / S
- Pilot pressure:** 5.5 bar
- Valve adapter:** Acc. to NAMUR
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4401, with ISO-flange plate
- Ball valve seal:** PTFE/FKM


**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

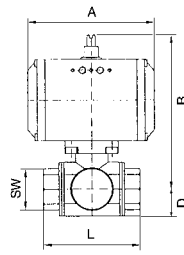
Identification	DN	Thread	Position	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 93	15	Rp 1/2	L 1	116,0	130,0	20,0	73,0	27
K-07 30 02 94	20	Rp 3/4	L 1	116,0	136,0	23,0	80,0	32
K-07 30 02 95	25	Rp 1	L 1	133,0	148,5	28,5	90,0	41
K-07 30 02 96	32	Rp 1 1/4	L 1	133,0	153,5	36,5	90,0	50
K-07 30 02 97	40	Rp 1 1/2	L 1	137,0	173,0	37,0	105,0	55
K-07 30 02 98	50	Rp 2	L 1	161,0	196,5	47,5	115,0	71

 Web: <http://cat.hansa-flex.com/en/K3BKRLDOPPELWIRKEND>

Kugelbohrung		Ball Bore			
		T			L
Position	0°				
	90°				
Switch position		T 1	T 2	T 3	L 4
Schaltstellung					

**K-3 BKR L EINFACHWIRKEND**

Stainless steel ball valves, 3-way, with single-acting actuator, L-bore



3-way cock, reduced bore

- Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
- Bore:** L shaped
- Operating pressure:** max. 63 bar (depending on temperature and nominal size)
- Operating temperature:** -20 °C to +70 °C
- Angle of rotation:** 90 °
- Standardised interfaces:** Interface actuator / valve: four or eight threaded holes in the drive housing according to EN ISO 5211, Interface actuator / S
- Pilot pressure:** 5.5 bar
- Valve adapter:** Acc. to NAMUR
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4401, with ISO-flange plate
- Ball valve seal:** PTFE/FKM

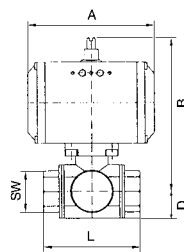
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	Position	A mm	B mm	D mm	L mm	AF mm
K-07 30 03 11	15	Rp 1/2	L 1	133,0	139,0	20,0	73,0	27
K-07 30 03 12	20	Rp 3/4	L 1	137,0	159,0	23,0	80,0	32
K-07 30 03 13	25	Rp 1	L 1	161,0	174,5	28,5	90,0	41
K-07 30 03 14	32	Rp 1 1/4	L 1	161,0	179,5	36,5	90,0	50
K-07 30 03 15	40	Rp 1 1/2	L 1	180,0	185,0	37,0	105,0	55
K-07 30 03 16	50	Rp 2	L 1	209,0	213,5	47,5	115,0	71

Kugelbohrung				
Ball Bore		T		L
Position	0°			
	90°			
Switch position		T 1	T 2	T 3
Schaltstellung				L 4

**Web:** <http://cat.hansa-flex.com/en/K3BKRLEINFACHWIRKEND>
**K-3 BKR T DOPPELWIRKEND T1**

Stainless steel ball valves, 3-way, with double-acting actuator, T-bore, normal position T1



3-way cock, reduced bore

- Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
- Bore:** T shaped
- Operating pressure:** max. 63 bar (depending on temperature and nominal size)
- Operating temperature:** -20 °C to +70 °C
- Angle of rotation:** 90 °
- Standardised interfaces:** Interface actuator / valve: four or eight threaded holes in the drive housing according to EN ISO 5211, Interface actuator / S
- Pilot pressure:** 5.5 bar
- Valve adapter:** Acc. to NAMUR
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4401, with ISO-flange plate
- Ball valve seal:** PTFE/FKM

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	Position	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 99	15	Rp 1/2	T 1	116,0	130,0	20,0	73,0	27
K-07 30 03 01	20	Rp 3/4	T 1	116,0	136,0	23,0	80,0	32
K-07 30 03 03	25	Rp 1	T 1	133,0	148,5	28,5	90,0	41
K-07 30 03 05	32	Rp 1 1/4	T 1	133,0	153,5	36,5	90,0	50



(Continued)

**K-3 BKR T DOPPELWIRKEND T1**

Stainless steel ball valves, 3-way, with double-acting actuator, T-bore, normal position T1

Identification	DN	Thread	Position	A mm	B mm	D mm	L mm	AF mm
K-07 30 03 07	40	Rp 1 1/2	T 1	137,0	173,0	37,0	105,0	55
K-07 30 03 09	50	Rp 2	T 1	161,0	196,5	47,5	115,0	71

 Web: <http://cat.hansa-flex.com/en/K3BKRTDOPPELWIRKENDT1>

Kugelbohrung				
Ball Bore		T		L
Position	0°			
	90°			
Switch position		T 1	T 2	T 3
Schaltstellung				

**K-3 BKR T DOPPELWIRKEND T2**

Stainless steel ball valves, 3-way, with double-acting actuator, T-bore, normal position

3-way cock, reduced bore

**Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback

**Bore:** T shaped

**Operating pressure:** max. 63 bar (depending on temperature and nominal size)

**Operating temperature:** -20 °C to +70 °C

**Angle of rotation:** 90 °

**Standardised interfaces:** Interface actuator / valve: four or eight threaded holes in the drive housing according to EN ISO 5211, Interface actuator / S

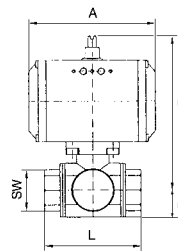
**Pilot pressure:** 5.5 bar

**Valve adapter:** Acc. to NAMUR

**Drive:** aluminium eloxed

**Drive seal:** NBR

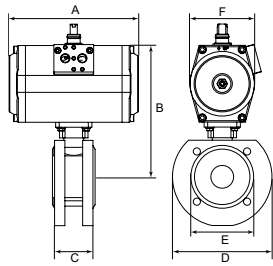
**Ball valve:** Stainless steel 1.4401, with ISO-flange plate

**Ball valve seal:** PTFE/FKM

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	Position	A mm	B mm	D mm	L mm	AF mm
K-07 30 03 00	15	Rp 1/2	T 2	116,0	130,0	20,0	73,0	27
K-07 30 03 02	20	Rp 3/4	T 2	116,0	136,0	23,0	80,0	32
K-07 30 03 04	25	Rp 1	T 2	133,0	148,5	28,5	90,0	41
K-07 30 03 06	32	Rp 1 1/4	T 2	133,0	153,5	36,5	90,0	50
K-07 30 03 08	40	Rp 1 1/2	T 2	137,0	173,0	37,0	105,0	55
K-07 30 03 10	50	Rp 2	T 2	161,0	196,5	47,5	115,0	71

 Web: <http://cat.hansa-flex.com/en/K3BKRTDOPPELWIRKENDT2>

Kugelbohrung				
Ball Bore		T		L
Position	0°			
	90°			
Switch position		T 1	T 2	T 3
Schaltstellung				

**K-BKR KOM****Ball valves (wafer type), with double-acting actuator**

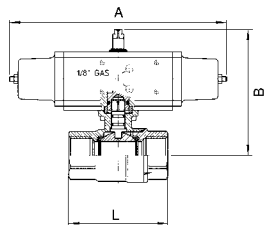
2-way ball valves compact flange type, full bore

- Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
- Operating pressure:** DN 15 - DN 50: max. 40 bar; DN 65 - DN 100: max. 16 bar
- Operating temperature:** -20 °C to +70 °C
- Angle of rotation:** 90 °
- Pilot pressure:** 5.5 bar
- Valve adapter:** Acc. to NAMUR
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4408, with ISO-flange plate
- Ball valve seal:** PTFE

**Note:** Further information on request

Identification	DN	A mm	B mm	C mm	D mm	E mm	F mm
K-07 30 02 76	15	116,0	125,0	40,0	95,0	45,0	61,5
K-07 30 02 77	20	116,0	129,3	44,0	105,0	58,0	61,5
K-07 30 02 78	25	133,0	138,6	53,0	115,0	68,0	68,5
K-07 30 02 79	32	137,0	158,2	58,4	135,0	78,0	80,0
K-07 30 02 80	40	161,0	176,3	62,0	145,0	88,0	92,5
K-07 30 02 81	50	161,0	185,5	78,0	155,0	102,0	92,5
K-07 30 02 82	65	180,0	205,0	100,0	185,0	122,0	92,5
K-07 30 02 83	80	209,0	240,0	120,0	200,0	138,0	110,5
K-07 30 02 75	100	221,0	272,0	152,0	220,0	158,0	120,0

**Web:** <http://cat.hansa-flex.com/en/KBKRRKOM>

**K-BKR DOP VA****Stainless steel ball valves, double-acting actuator**

- Design:** Pneumatic, double-piston, part-turn actuator, double-rocker principle
- Operating pressure:** max. 160 bar (G 3/8, G 1/2); max. 100 bar (G 3/4, G 1); max. 60 bar (G 1 1/4, G 1 1/2); max. 40 bar (G 2)
- Operating temperature:** -20 °C to +150 °C
- Angle of rotation:** 90 °
- Pilot pressure:** 5.6 bar
- Valve adapter:** Supplied as standard
- Temp. range:** -20 °C to +80 °C
- Drive:** aluminium eloxed
- Drive seal:** NBR
- Ball valve:** Stainless steel 1.4401/1.4301/1.4310/1.4408, with ISO-flange plate
- Ball valve seal:** PTFE/FKM

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K-07 30 02 52	10	Rp 3/8	114,0	134,0	51,0
K-07 30 02 53	15	Rp 1/2	114,0	139,0	61,0
K-07 30 02 54	20	Rp 3/4	130,0	153,0	70,0
K-07 30 02 55	25	Rp 1	130,0	157,0	85,0
K-07 30 02 56	32	Rp 1 1/4	144,0	171,0	95,0
K-07 30 02 57	40	Rp 1 1/2	152,0	181,0	105,0
K-07 30 02 58	50	Rp 2	169,0	196,0	125,0

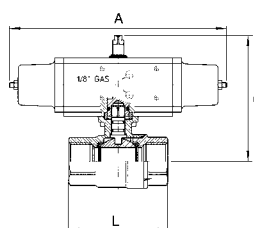
**Web:** <http://cat.hansa-flex.com/en/KBKRDOPVA>



## K-BKR EI FED VA

## Stainless steel ball valves, single-acting actuator, spring to close

<b>Design:</b>	Pneumatic, double-piston, part-turn actuator, double-rocker principle
<b>Operating pressure:</b>	max. 160 bar (G 3/8, G 1/2); max. 100 bar (G 3/4, G 1); max. 60 bar (G 1 1/4, G 1 1/2); max. 40 bar (G 2)
<b>Operating temperature:</b>	-20 °C to +150 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.6 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Stainless steel 1.4401/1.4301/1.4310/1.4408, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM



**Note:** Further information on request

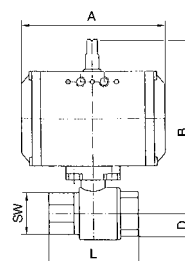
Identification	DN	Thread	A mm	B mm	L mm
K-07 30 02 68	10	Rp 3/8	221,0	142,0	51,0
K-07 30 02 69	15	Rp 1/2	221,0	147,0	61,0
K-07 30 02 70	20	Rp 3/4	240,0	163,0	70,0
K-07 30 02 71	25	Rp 1	240,0	167,0	85,0
K-07 30 02 72	32	Rp 1 1/4	294,0	183,0	95,0
K-07 30 02 73	40	Rp 1 1/2	320,0	207,0	105,0
K-07 30 02 74	50	Rp 2	357,0	234,0	125,0

**Web:** <http://cat.hansa-flex.com/en/KBKREIFEDVA>

## K-MBKR STELLANTR D MS

## Brass ball valves, double-acting actuator

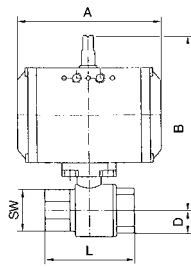
<b>Design:</b>	Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
<b>Operating pressure:</b>	max. 40 bar (to DN 32); max. 25 bar (from DN 40); max. 16 bar (from DN 65)
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.5 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Chrome-plated brass, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM



**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 00	15	Rp 1/2	133,0	142,0	17,0	75,0	26
K-07 30 02 01	15	Rp 1/2	116,0	133,0	17,0	75,0	26
K-07 30 02 02	20	Rp 3/4	133,0	145,0	20,0	80,0	32
K-07 30 02 03	20	Rp 3/4	116,0	136,0	20,0	80,0	32
K-07 30 02 04	25	Rp 1	133,0	148,0	25,0	90,0	41
K-07 30 02 05	25	Rp 1	116,0	139,0	25,0	90,0	41
K-07 30 02 06	32	Rp 1 1/4	116,0	150,0	30,0	110,0	50
K-07 30 02 07	40	Rp 1 1/2	133,0	166,0	36,0	120,0	55
K-07 30 02 08	50	Rp 2	137,0	191,0	45,0	140,0	70
K-07 30 02 09	65	Rp 2 1/2	161,0	213,0	57,0	155,0	83
K-07 30 02 10	80	Rp 3	161,0	225,0	68,0	182,0	98

**Web:** <http://cat.hansa-flex.com/en/KMBKRSTELLANTRDMS>

**K-BKR STELLANTR E FEDER MS****Brass ball valves, single-acting actuator - spring to close**

2-way cock, full bore

**Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback

**Operating pressure:** max. 40 bar (to DN 32); max. 25 bar (from DN 40); max. 16 bar (from DN 65)

**Operating temperature:** -20 °C to +70 °C

**Angle of rotation:** 90 °

**Pilot pressure:** 5.5 bar

**Valve adapter:** Supplied as standard

**Drive:** aluminium eloxed

**Drive seal:** NBR

**Ball valve:** Chrome-plated brass, with ISO-flange plate

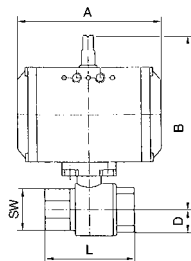
**Ball valve seal:** PTFE/FKM

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 27	15	Rp 1/2	133,0	142,0	17,0	75,0	26
K-07 30 02 28	20	Rp 3/4	133,0	145,0	20,0	80,0	32
K-07 30 02 29	25	Rp 1	133,0	148,0	25,0	90,0	41
K-07 30 02 30	32	Rp 1 1/4	137,0	173,0	30,0	110,0	50
K-07 30 02 31	40	Rp 1 1/2	137,0	180,0	36,0	120,0	55
K-07 30 02 32	50	Rp 2	180,0	203,0	45,0	140,0	70
K-07 30 02 33	65	Rp 2 1/2	209,0	230,0	57,0	155,0	83
K-07 30 02 34	80	Rp 3	209,0	242,0	68,0	182,0	98

**Web:** <http://cat.hansa-flex.com/en/KBKRSTELLANTREFEDERMS>

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**K-BKR STELLANTR E MS****Brass ball valves, single-acting actuator - spring to open**

2-way cock, full bore

**Design:** Pneumatic actuators, in double- or single acting version, with integrated end-position feedback

**Operating pressure:** max. 40 bar (to DN 32); max. 25 bar (from DN 40); max. 16 bar (from DN 65)

**Operating temperature:** -20 °C to +70 °C

**Angle of rotation:** 90 °

**Pilot pressure:** 5.5 bar

**Valve adapter:** Supplied as standard

**Drive:** aluminium eloxed

**Drive seal:** NBR

**Ball valve:** Chrome-plated brass, with ISO-flange plate

**Ball valve seal:** PTFE/FKM

**Note:** Further information on request

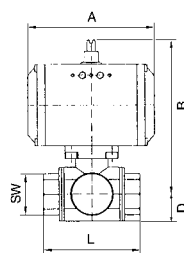
Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 02 18	15	Rp 1/2	133,0	142,0	17,0	75,0	26
K-07 30 02 19	15	Rp 1/2	116,0	133,0	17,0	75,0	26
K-07 30 02 20	20	Rp 3/4	133,0	145,0	20,0	80,0	32
K-07 30 02 21	25	Rp 1	133,0	148,0	25,0	90,0	41
K-07 30 02 22	32	Rp 1 1/4	137,0	173,0	30,0	110,0	50
K-07 30 02 23	40	Rp 1 1/2	137,0	180,0	36,0	120,0	55
K-07 30 02 24	50	Rp 2	180,0	203,0	45,0	140,0	70
K-07 30 02 25	65	Rp 2 1/2	209,0	230,0	57,0	155,0	83
K-07 30 02 26	80	Rp 3	209,0	242,0	68,0	182,0	98

**Web:** <http://cat.hansa-flex.com/en/KBKRSTELLANTREMS>

**K-3 BKR STELLANTR D L MS****Brass ball valves, 3-way, with double-acting actuator, L-bore**

3-way cock, L-bore, full bore

<b>Design:</b>	Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
<b>Bore:</b>	L shaped
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.5 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Chrome-plated brass, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	Position	PN (bar)	A mm	B mm	D mm	L mm	AF mm
K- 07 30 02 84	15	Rp 1/2	L	40	116,0	133,0	20,0	64,5	25
K- 07 30 02 85	20	Rp 3/4	L	40	116,0	137,0	24,0	76,0	31
K- 07 30 02 86	25	Rp 1	L	40	116,0	141,5	30,0	97,0	41
K- 07 30 02 87	32	Rp 1 1/4	L	40	133,0	165,5	37,0	118,0	55
K- 07 30 02 88	40	Rp 1 1/2	L	25	137,0	181,5	43,0	135,0	55
K- 07 30 02 89	50	Rp 2	L	25	161,0	204,0	56,0	157,0	67

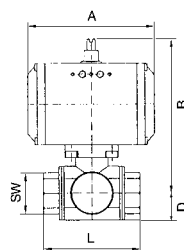
**Web:** <http://cat.hansa-flex.com/en/K3BKRSTELLANTRDLMS>

Kugelbohrung				
Ball Bore		T		L
Position	0°			
	90°			
Switch position		T 1	T 2	T 3
Schaltstellung				L 4

**K-3 BKR STELLANTR E L MS****Brass ball valves, 3-way, with single-acting actuator, L-bore**

3-way cock, L-bore, full bore

<b>Design:</b>	Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
<b>Bore:</b>	L shaped
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.5 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Chrome-plated brass, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

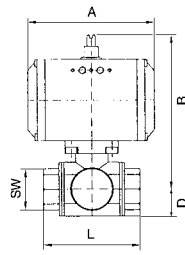
Identification	DN	Thread	Position	PN (bar)	A mm	B mm	D mm	L mm	AF mm
K- 07 30 02 90	15	Rp 1/2	L	40	133,0	142,0	20,0	64,5	25
K- 07 30 02 91	25	Rp 1	L	40	133,0	150,5	30,0	97,0	41
K- 07 30 02 92	40	Rp 1 1/2	L	25	180,0	193,5	43,0	135,0	55

**Web:** <http://cat.hansa-flex.com/en/K3BKRSTELLANTRDLMS>

Kugelbohrung				
Ball Bore		T		L
Position	0°			
	90°			
Switch position		T 1	T 2	T 3
Schaltstellung				L 4

**K-3 BKR STELLANTR E T MS**

Brass ball valves, 3-way, with double-acting actuator, T-bore, normal position



3-way cock, T-bore, full bore

<b>Design:</b>	Pneumatic actuators, in double- or single acting version, with integrated end-position feedback
<b>Bore:</b>	T shaped
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.5 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Chrome-plated brass, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM

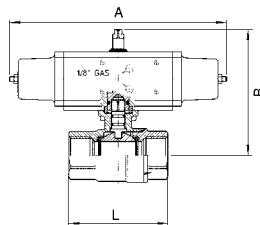
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

Identification	DN	Thread	Position	PN (bar)	A	B	D	L	AF
					mm	mm	mm	mm	mm
K-07 30 03 17	15	Rp 1/2	T 3	40	133,0	142,0	20,0	64,5	25
K-07 30 03 18	20	Rp 3/4	T 3	40	133,0	146,0	24,0	76,0	31
K-07 30 03 19	25	Rp 1	T 3	40	133,0	150,5	30,0	97,0	41
K-07 30 03 20	32	Rp 1 1/4	T 3	40	161,0	191,5	37,0	118,0	55
K-07 30 03 21	40	Rp 1 1/2	T 3	25	180,0	193,5	43,0	133,0	55
K-07 30 03 22	50	Rp 2	T 3	25	209,0	221,0	56,0	157,0	67

Kugelbohrung				
Ball Bore		T		L
Position	0°			
	90°			
Switch position		T 1	T 2	T 3
Schaltstellung				L 4

**Web:** <http://cat.hansa-flex.com/en/K3BKRSTELLANTRETMS>
**K-BKR ANTR D MS**

Brass ball valves, double-acting actuator



<b>Design:</b>	Pneumatic, double-piston, part-turn actuator, double-rocker principle
<b>Operating pressure:</b>	Max. 16 bar
<b>Operating temperature:</b>	-20 °C to +150 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.6 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Chrome-plated brass, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM

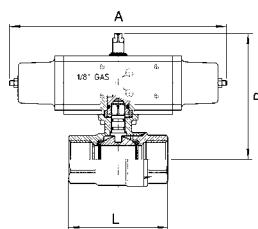
**Note:** Further information on request

Identification	DN	Thread	A	B	L
			mm	mm	mm
K-07 30 02 11	10	Rp 3/8	70,0	87,0	69,0
K-07 30 02 12	15	Rp 1/2	70,0	87,0	69,0
K-07 30 02 13	20	Rp 3/4	70,0	94,0	77,0
K-07 30 02 14	25	Rp 1	70,0	98,0	89,0
K-07 30 02 15	32	Rp 1 1/4	114,0	123,0	103,0
K-07 30 02 16	40	Rp 1 1/2	114,0	129,0	114,0
K-07 30 02 17	50	Rp 2	130,0	145,0	134,0

**Web:** <http://cat.hansa-flex.com/en/KBKRANTRDMS>

**K-BKR ANTR D FEDER MS****Brass ball valves, single-acting actuator - spring to close**

<b>Design:</b>	Pneumatic, double-piston, part-turn actuator, double-rocker principle
<b>Operating pressure:</b>	Max. 16 bar
<b>Operating temperature:</b>	-20 °C to +150 °C
<b>Angle of rotation:</b>	90 °
<b>Pilot pressure:</b>	5.6 bar
<b>Valve adapter:</b>	Supplied as standard
<b>Temp. range:</b>	-20 °C to +80 °C
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Ball valve:</b>	Chrome-plated brass, with ISO-flange plate
<b>Ball valve seal:</b>	PTFE/FKM



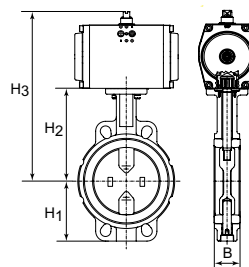
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm
K- 07 30 02 35	10	Rp 3/8	221,0	110,0	69,0
K- 07 30 02 36	15	Rp 1/2	221,0	110,0	69,0
K- 07 30 02 37	20	Rp 3/4	221,0	117,0	77,0
K- 07 30 02 38	25	Rp 1	221,0	121,0	89,0
K- 07 30 02 39	32	Rp 1 1/4	221,0	131,0	103,0
K- 07 30 02 40	40	Rp 1 1/2	221,0	137,0	114,0
K- 07 30 02 41	50	Rp 2	240,0	155,0	134,0

**Web:** <http://cat.hansa-flex.com/en/KBKANTRDFEDERMS>

**K-ZFL ABSP-KLAPPEN DOPPEL****Butterfly valves, with double-acting actuator, min. pilot pressure 5 bar**

<b>Design:</b>	Pneumatic actuators, in double- or single acting version
<b>Operating pressure:</b>	Max. 16 bar
<b>Operating temperature:</b>	-15 °C to +120 °C
<b>Media:</b>	Water / steam, salt water, salt water, ester, ketone, alkali, caustic soda, sodium hydroxide. Not recommended for hydrocarbons
<b>Pilot pressure:</b>	5.5 bar
<b>Valve adapter:</b>	Supplied as standard, operated by a 3/2- or 5/2-way valve
<b>Angle of rotation:</b>	90 °
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Housing:</b>	Grey cast iron GG25 epoxy resin coated, RAL 5015
<b>Seal:</b>	EPDM
<b>Shaft:</b>	SS416
<b>Shaft seal:</b>	EPDM



**Note:** Further information on request

Identification	Washer	DN	B mm	H1 mm	H2 mm	H3 mm	L mm
K- 07 30 03 28	Stainless Steel CF8M/1.4404	40	38,0	68,0	108,0	212,0	94,0
K- 07 30 03 29	Stainless Steel CF8M/1.4404	50	47,0	71,0	143,0	247,0	100,0
K- 07 30 03 30	Stainless Steel CF8M/1.4404	65	49,0	78,0	155,0	259,0	115,0
K- 07 30 03 31	Stainless Steel CF8M/1.4404	80	47,0	89,0	162,0	280,0	127,0
K- 07 30 03 32	Stainless Steel CF8M/1.4404	100	56,0	102,0	178,0	308,0	163,0



**K-ZFL ABSP-KLAPPEN DOPPEL**

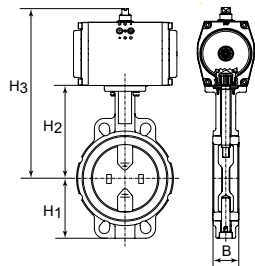
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Butterfly valves, with double-acting actuator, min. pilot pressure 5 bar

Identification	Washer	DN	B mm	H1 mm	H2 mm	H3 mm	L mm
K-07 30 03 33	Stainless Steel CF8M/1.4404	125	59,0	123,0	191,0	321,0	190,0
K-07 30 03 35	Stainless Steel CF8M/1.4404	150	59,0	138,0	205,0	352,0	216,0

Web: <http://cat.hansa-flex.com/en/KZFLABSPKLAPPENDOPPEL>**K-ZFL ABSP-KLAPPEN EINFACH**

Butterfly valves, with single-acting actuator - spring to close, min. pilot pressure 5 bar



<b>Design:</b>	Pneumatic actuators, in double- or single acting version
<b>Operating pressure:</b>	Max. 16 bar
<b>Operating temperature:</b>	-15 °C to +120 °C
<b>Media:</b>	Water / steam, salt water, salt water, ester, ketone, alkali, caustic soda, sodium hydroxide. Not recommended for hydrocarbons
<b>Pilot pressure:</b>	5.5 bar
<b>Valve adapter:</b>	Supplied as standard, operated by a 3/2- or 5/2-way valve
<b>Angle of rotation:</b>	90 °
<b>Drive:</b>	aluminium eloxed
<b>Drive seal:</b>	NBR
<b>Housing:</b>	Grey cast iron GG25 epoxy resin coated, RAL 5015
<b>Seal:</b>	EPDM
<b>Shaft:</b>	SS416
<b>Shaft seal:</b>	EPDM

Note: Further information on request

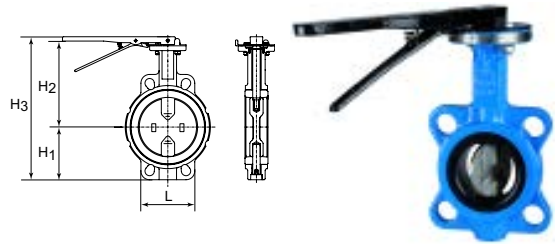
Identification	Washer	DN	B mm	H1 mm	H2 mm	H3 mm	L mm
K-07 30 03 36	Stainless Steel CF8M/1.4404	40	38,0	68,0	108,0	238,0	94,0
K-07 30 03 37	Stainless Steel CF8M/1.4404	50	47,0	71,0	143,0	273,0	100,0
K-07 30 03 38	Stainless Steel CF8M/1.4404	65	49,0	78,0	155,0	285,0	115,0
K-07 30 03 39	Stainless Steel CF8M/1.4404	80	47,0	89,0	162,0	292,0	127,0
K-07 30 03 40	Stainless Steel CF8M/1.4404	100	56,0	102,0	178,0	348,0	163,0
K-07 30 03 42	Stainless Steel CF8M/1.4404	125	59,0	123,0	191,0	361,0	190,0
K-07 30 03 44	Stainless Steel CF8M/1.4404	150	59,0	138,0	265,0	395,0	216,0

Web: <http://cat.hansa-flex.com/en/KZFLABSPKLAPPENEINFACH>

**K-ZFL ABSP-KLAPPEN**

## Butterfly valves

**Operating pressure:** Max. 16 bar  
**Operating temperature:** -15 °C to +120 °C  
**Media:** Water / steam, salt water, salt water, ester, ketone, alkali, caustic soda, sodium hydroxide. Not recommended for hydrocarbons  
**Temp. range:** -20 °C to +120 °C  
**Housing:** Grey cast iron GG25 epoxy resin coated, RAL 5015  
**Seal:** EPDM  
**Shaft:** SS416  
**Shaft seal:** EPDM  
**Hand lever:** GG25 epoxy resin coated



**Note:** Further information on request

Identification	Washer	DN	B mm	H1 mm	H2 mm	H3 mm	L mm
K- 07 30 03 45	Stainless Steel CF8M/1.4404	40	38,0	68,0	94,0	198,0	94,0
K- 07 30 03 46	Stainless Steel CF8M/1.4404	50	47,0	71,0	143,0	236,0	100,0
K- 07 30 03 47	Stainless Steel CF8M/1.4404	65	49,0	78,0	155,0	255,0	115,0
K- 07 30 03 48	Stainless Steel CF8M/1.4404	80	47,0	89,0	162,0	273,0	127,0
K- 07 30 03 49	Stainless Steel CF8M/1.4404	100	56,0	102,0	178,0	302,0	163,0
K- 07 30 03 50	Stainless Steel CF8M/1.4404	125	59,0	123,0	191,0	336,0	190,0
K- 07 30 03 51	Stainless Steel CF8M/1.4404	150	59,0	138,0	205,0	365,0	216,0

**Web:** <http://cat.hansa-flex.com/en/KZFLABSPKLAPPEN>

**K-ENDLAGEN-RUECKME KUNST M**

## End position feedback - plastic microswitch

Robust type in a plastic housing, Universal indicator for NAMUR sizes 80 x 30 and 130 x 30, Height-adjustable feet that adapt to different pinion projections, ON / OFF position indicator also visible from a distance, Easy-to-adjust, self-locking trip cam

**Cable gland:** M 20 x 1.5  
**min. switching power:** 1 mA at 4 V DC  
**Nominal switching capacity:** 1 mA to 5 A at 250 V AC  
**Switching function:** Changeover, silver-plated contacts  
**Protection IP:** IP 67, acc. to DIN EN 60529  
**Temp. range:** -20 °C to +70 °C  
**Housing:** Polyamide blue or black  
**Screw:** Stainless steel 1.4301  
**Shaft:** Polyamide PA6, black  
**Cover:** Polycarbonate, transparent  
**Mounting bridge:** PA6 with 30 % glass fibre  
**Seals:** EPDM and NBR  
**Sealant:** NBR



**Note:** Further information on request

Identification	Designation
K- 07 30 29 05	End position feedback, M 2 type with microswitch

**Web:** <http://cat.hansa-flex.com/en/KENDLAGENRUECKMEKUNSTM>

## K-ENDLAGEN-RUECKME KUNST S

### End position feedback plastic- inductive sensors



Robust type in a plastic housing, Universal indicator for NAMUR sizes 80 x 30 and 130 x 30, Height-adjustable feet that adapt to different pinion projections, ON / OFF position indicator also visible from a distance, Easy-to-adjust, self-locking trip cam

**Operational current:** 200 mA  
**Cable gland:** M 20 x 1.5  
**Switching function:** Positive switching, PNP NO contact, damped or undamped in the end position  
**Protection IP:** IP 67, acc. to DIN EN 60529  
**Temp. range:** -20 °C to +70 °C  
**Housing:** Polyamide blue or black  
**Screw:** Stainless steel 1.4301  
**Shaft:** Polyamide PA6, black  
**Cover:** Polycarbonate, transparent  
**Mounting bridge:** PA6 with 30 % glass fibre  
**Seals:** EPDM and NBR  
**Sealant:** NBR

**Note:** Further information on request

Identification	Voltage	Designation
K- 07 30 29 06	9 V - 36 V DC	End position feedback, D 2 type with inductive 3-wire sensors

**Web:** <http://cat.hansa-flex.com/en/KENDLAGENRUECKMEKUNSTS>

## K-ENDLAGEN-RUECKME ATEX N

### End position feedback ATEX version



**Power supply:** Rated voltage 8 VDC  
**Output current:** Damped <1 mA / undamped> 3 mA  
**Switching function:** Damped or undamped in the end position

Identification	Designation
K- 07 30 29 07	End position feedback, version with inductive NAMUR sensors, ATEX

**Web:** <http://cat.hansa-flex.com/en/KENDLAGENRUECKMEATEXN>

## K-ENDLAGEN-RUECKME ALU M

### End position feedback - ALU microswitch



Robust type in an aluminium housing, Universal indicator for NAMUR sizes 80 x 30 and 130 x 30, Height-adjustable feet that adapt to different pinion projections, ON / OFF position indicator also visible from a distance, Easy-to-adjust, self-locking trip cam

**Cable gland:** M 20 x 1.5, up to four cable glands possible  
**Switching function:** Changeover, silver-plated contacts  
**Protection IP:** EX TDA21 IP66/67 T 85 °C  
**Current:** max. 5 A  
**Temp. range:** -20 °C to +70 °C  
**Housing:** Die-cast aluminium EN AB 46100, epoxy powder-coated  
**Screw:** Stainless steel  
**Shaft:** Nickel-plated steel

**Note:** Further information on request

Identification	Voltage	Designation
K- 07 30 29 08	max. 250 V AC	End position feedback, SC-M 2 type with microswitch

**Web:** <http://cat.hansa-flex.com/en/KENDLAGENRUECKMEALUM>



**K-ENDLAGEN-RUECKME ALU S****End position feedback - ALU inductive sensors**

Robust type in an aluminium housing, Universal indicator for NAMUR sizes 80 x 30 and 130 x 30, Height-adjustable feet that adapt to different pinion projections, ON / OFF position indicator also visible from a distance, Easy-to-adjust, self-locking trip cam

**Cable gland:** M 20 x 1.5, up to four cable glands possible  
**Switching function:** PNP NO contact  
**Protection IP:** EX TDA21 IP66/67 T 85 °C  
**Temp. range:** -20 °C to +70 °C  
**Housing:** Die-cast aluminium EN AB 46100, epoxy powder-coated  
**Screw:** Stainless steel  
**Shaft:** Nickel-plated steel  
**Note:** Further information on request



Identification	Voltage	Designation
K- 07 30 29 09	10 V - 30 V DC	End position feedback, SC-D 2 type with inductive 3-wire sensors

**Web:** <http://cat.hansa-flex.com/en/KENDLAGENRUECKMEALUS>

**K-ENDLAGEN-RUECKME ATEX SC****End position feedback ATEX version**

Robust type in an aluminium housing, Universal indicator for NAMUR sizes 80 x 30 and 130 x 30, Height-adjustable feet that adapt to different pinion projections, ON / OFF position indicator also visible from a distance, Easy-to-adjust, self-locking trip cam

**Cable gland:** M 20 x 1.5, up to four cable glands possible  
**Protection IP:** EX TDA21 IP66/67 T 85 °C  
**Temp. range:** -20 °C to +70 °C  
**Housing:** Die-cast aluminium EN AB 46100, epoxy powder-coated



**Note:** Further information on request

Identification	Voltage	Designation
K- 07 30 29 10	8 V	End position feedback, version with inductive NAMUR sensors, ATEX

**Web:** <http://cat.hansa-flex.com/en/KENDLAGENRUECKMEATEXSC>

**K-BKR ELK 230 VAC MS****Brass ball valves with electric actuator 230 VAC, 50 Hz**

Voltage range 230 VAC, 50 Hz or 24 VDC. 2-way cock, full bore, for neutral gases and liquids.

Reversible electric rotary actuator.

**Operating pressure:** DN 15 - DN 32: max. 40 bar; DN 40 - DN 50: max. 25 bar

**Operating temperature:** -20 °C to +70 °C

**Duty cycle:** ED 30 %

**Relative humidity:** 30 % to 95 %

**Valve positions:** Manually operated

**protection class:** IP 67

**Actuating time:** 13 sec. = 230 VAC, 50 Hz, 15 sec. = 24 VDC

**Ambient temperature:** -20 °C to +60 °C

**Mounting flange:** ISO 5211

**Housing:** Aluminium, powder-coated

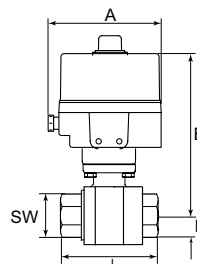
**Ball valve:** brass nickel plated

**Ball, operating shaft:** Chrome-plated brass

**Ball seals:** PTFE, glass fibre-reinforced

**Selector shaft seal:** FKM

**Note:** Further information on request



Identification	DN	Thread	A	B	D	L	AF
			mm	mm	mm	mm	mm
K- 07 30 20 64	15	Rp 1/2	152,0	189,0	17,0	75,0	26
K- 07 30 20 65	20	Rp 3/4	152,0	192,0	20,0	80,0	32

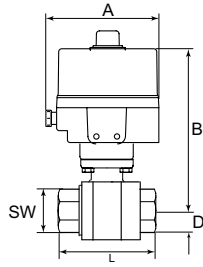
**K-BKR ELK 230 VAC MS**

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**Brass ball valves with electric actuator 230 VAC, 50 Hz**

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 20 66	25	Rp 1	152,0	195,0	25,0	90,0	41
K-07 30 20 67	32	Rp 1 1/4	152,0	206,0	30,0	110,0	50
K-07 30 20 68	40	Rp 1 1/2	152,0	213,0	36,0	120,0	55
K-07 30 20 69	50	Rp 2	152,0	224,0	45,0	140,0	70

**Web:** <http://cat.hansa-flex.com/en/KBKRELK230VACMS>

**K-BKR ELK 24 VDC MS****Brass ball valves with electric actuator 24 VDC**

Voltage range 230 VAC, 50 Hz or 24 VDC. 2-way cock, full bore, for neutral gases and liquids.

Reversible electric rotary actuator.

**Operating pressure:** DN 15 - DN 32: max. 40 bar; DN 40 - DN 50: max. 25 bar

**Operating temperature:** -20 °C to +70 °C

**Duty cycle:** ED 30 %

**Relative humidity:** 30 % to 95 %

**Valve positions:** Manually operated

**protection class:** IP 67

**Actuating time:** 13 sec. = 230 VAC, 50 Hz, 15 sec. = 24 VDC

**Ambient temperature:** -20 °C to +60 °C

**Mounting flange:** ISO 5211

**Housing:** Aluminium, powder-coated

**Ball valve:** brass nickel plated

**Ball, operating shaft:** Chrome-plated brass

**Ball seals:** PTFE, glass fibre-reinforced

**Selector shaft seal:** FKM

**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 20 76	15	Rp 1/2	152,0	189,0	17,0	75,0	26
K-07 30 20 77	20	Rp 3/4	152,0	192,0	20,0	80,0	32
K-07 30 20 78	25	Rp 1	152,0	195,0	25,0	90,0	41
K-07 30 20 79	32	Rp 1 1/4	152,0	206,0	30,0	110,0	50
K-07 30 20 80	40	Rp 1 1/2	152,0	213,0	36,0	120,0	55
K-07 30 20 81	50	Rp 2	152,0	224,0	45,0	140,0	70

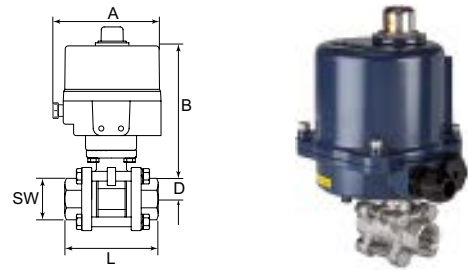
**Web:** <http://cat.hansa-flex.com/en/KBKRELK24VDCMS>

**K-BKR ELK 230 VAC, 50 HZ**

## Stainless steel ball valves with electric actuator 230 VAC, 50 Hz

Voltage range 230 VAC, 50 Hz or 24 VDC.  
Reversible electric rotary actuator.

<b>Media temperature:</b>	-20 °C to +70 °C
<b>Operating pressure:</b>	max. 63 bar (depending on temperature and nominal size)
<b>Duty cycle:</b>	ED 30 %
<b>Relative humidity:</b>	30 % to 95 %
<b>Valve positions:</b>	Manually operated
<b>protection class:</b>	IP 67
<b>Actuating time:</b>	13 sec. = 230 VAC, 50 Hz, 15 sec. = 24 VDC
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Length:</b>	DIN 3203 - M3
<b>Mounting flange:</b>	ISO 5211
<b>Housing:</b>	Aluminium, powder-coated
<b>Ball valve:</b>	Stainless steel 1.4401/1.4408
<b>Ball seals:</b>	PTFE, glass fibre-reinforced
<b>Selector shaft seal:</b>	PTFE, glass fibre-reinforced



**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 20 58	15	Rp 1/2	152,0	191,0	24,0	75,0	29
K-07 30 20 59	20	Rp 3/4	152,0	195,0	26,0	80,0	35
K-07 30 20 60	25	Rp 1	152,0	203,0	29,0	90,0	41
K-07 30 20 61	32	Rp 1 1/4	152,0	209,0	36,0	110,0	50
K-07 30 20 62	40	Rp 1 1/2	152,0	219,0	40,0	120,0	58
K-07 30 20 63	50	Rp 2	152,0	275,0	48,0	140,0	72

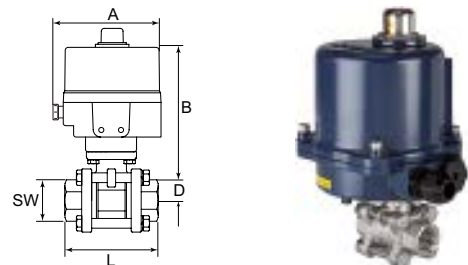
**Web:** <http://cat.hansa-flex.com/en/KBKRELK230VAC50HZ>

**K-BKR ELK 24VDC**

## Stainless steel ball valves with electric actuator 24 VDC

Voltage range 230 VAC, 50 Hz or 24 VDC.  
Reversible electric rotary actuator.

<b>Media temperature:</b>	-20 °C to +70 °C
<b>Operating pressure:</b>	max. 63 bar (depending on temperature and nominal size)
<b>Duty cycle:</b>	ED 30 %
<b>Relative humidity:</b>	30 % to 95 %
<b>Valve positions:</b>	Manually operated
<b>protection class:</b>	IP 67
<b>Actuating time:</b>	13 sec. = 230 VAC, 50 Hz, 15 sec. = 24 VDC
<b>Ambient temperature:</b>	-20 °C to +60 °C
<b>Length:</b>	DIN 3203 - M3
<b>Mounting flange:</b>	ISO 5211
<b>Housing:</b>	Aluminium, powder-coated
<b>Ball valve:</b>	Stainless steel 1.4401/1.4408
<b>Ball seals:</b>	PTFE, glass fibre-reinforced
<b>Selector shaft seal:</b>	PTFE, glass fibre-reinforced



**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	D mm	L mm	AF mm
K-07 30 20 70	15	Rp 1/2	152,0	191,0	24,0	75,0	29
K-07 30 20 71	20	Rp 3/4	152,0	195,0	26,0	80,0	35
K-07 30 20 72	25	Rp 1	152,0	203,0	29,0	90,0	41
K-07 30 20 73	32	Rp 1 1/4	152,0	209,0	36,0	110,0	50
K-07 30 20 74	40	Rp 1 1/2	152,0	219,0	40,0	120,0	58
K-07 30 20 75	50	Rp 2	152,0	275,0	48,0	140,0	72

**Web:** <http://cat.hansa-flex.com/en/KBKRELK24VDC>

**K-RD DURCHGANGSFORM**

## Unidirectional valves



**Operating pressure:** Max. 16 bar  
**Media temperature:** max. +180 °C  
**Opening pressure:** min. 0.4 to 0.5 bar (size G 1/4 to 1/2 inch); min. 0.1 bar (for size 3/4 to G 1)  
**Ambient temperature:** Max. +180 °C  
**Sealant:** FKM  
**Housing:** Brass

**Note:** Further information on request

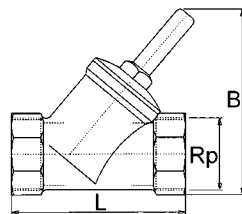
Identification	Thread	Length mm	AF mm
K- 07 30 24 48	G 1/4 female	53,0	19
K- 07 30 24 49	G 3/8 female	54,0	19
K- 07 30 24 50	G 1/2 female	63,0	24
K- 07 30 24 51	G 3/4 female	58,0	36
K- 07 30 24 52	G 1 female	68,5	46
K- 07 30 24 43	G 1/4 male	53,5	19
K- 07 30 24 44	G 3/8 male	54,0	19
K- 07 30 24 45	G 1/2 male	68,0	24
K- 07 30 24 46	G 3/4 male	77,0	36
K- 07 30 24 47	G 1 male	82,0	46



**Web:** <http://cat.hansa-flex.com/en/KRDDURCHGANGSFORM>

**K-RD SCHRAEGSITZ MS**

## Unidirectional valves



**Operating pressure:** Max. 10 bar  
**Thread description:** Rp thread acc. to DIN 2999  
**Media temperature:** max. +80 °C  
**Opening pressure:** min. 0.5 bar  
**Ambient temperature:** Max. +80 °C  
**Sealant:** NBR  
**Housing:** Brass

**Note:** Further information on request

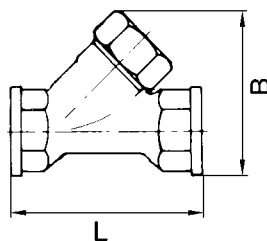
Identification	Thread	B mm	L mm	AF mm
K- 07 30 24 75	Rp 3/8	50,0	55,0	27
K- 07 30 24 76	Rp 1/2	50,0	59,0	27
K- 07 30 24 77	Rp 3/4	60,0	67,0	32
K- 07 30 24 78	Rp 1	71,0	83,0	38
K- 07 30 24 79	Rp 1 1/4	97,0	96,0	48
K- 07 30 24 80	Rp 1 1/2	114,0	106,0	54
K- 07 30 24 81	Rp 2	135,0	130,0	68

**Web:** <http://cat.hansa-flex.com/en/KRDSCHRAEGSITZMS>

**K-RD SCHRAEGSITZ VA**

## Unidirectional valves

**Operating pressure:** Max. 40 bar  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Media temperature:** max. +180 °C  
**Opening pressure:** min. 0.2 bar  
**Ambient temperature:** Max. +180 °C  
**Housing, internal parts:** Stainless Steel 1.4401/1.4408  
**Sealant:** FKM



**Note:** Further information on request

Identification	Thread	B mm	L mm	AF mm
K- 07 30 24 67	G 1/4	53,5	66,0	27
K- 07 30 24 68	G 3/8	53,5	66,0	27
K- 07 30 24 69	G 1/2	53,5	66,0	27
K- 07 30 24 70	G 3/4	68,0	76,0	32
K- 07 30 24 71	G 1	82,0	90,0	40
K- 07 30 24 72	G 1 1/4	97,0	110,0	50
K- 07 30 24 73	G 1 1/2	113,0	121,0	55
K- 07 30 24 74	G 2	131,0	151,0	70

**Web:** <http://cat.hansa-flex.com/en/KRDSCHRAEGSITZVA>

**K-RD 1**

## Unidirectional valves

**Operating pressure:** 10 bar  
**Thread description:** M-thread acc. DIN 13 (228.00), G-thread acc. DIN EN ISO 228-1 (228.01 to 228.04), R/  
Rp-thread to ISO 7-1  
**Media temperature:** max. +70 °C  
**Opening pressure:** min. 0.2 bar  
**Ambient temperature:** Max. +70 °C  
**Sealant:** NBR  
**Housing:** Nickel-plated brass



**Note:** Further information on request

Identification	Thread	Length mm	AF mm
K- 07 30 24 36	M 5	25,0	8
K- 07 30 24 37	G 1/8	36,5	13
K- 07 30 24 38	G 1/4	42,5	16
K- 07 30 24 39	G 3/8	51,0	20
K- 07 30 24 40	G 1/2	62,0	24

**Web:** <http://cat.hansa-flex.com/en/KRD1>

**K-RD KLEINSTBAUWEISE**

## Unidirectional valves, mini series



<b>Operating pressure:</b>	10 bar
<b>Thread description:</b>	M-thread acc. DIN 13 (228.00), G-thread acc. DIN EN ISO 228-1 (228.01 to 228.04), R/ Rp-thread to ISO 7-1
<b>Media temperature:</b>	max. +70 °C
<b>Opening pressure:</b>	min. 0.2 bar
<b>Ambient temperature:</b>	Max. +70 °C
<b>Sealant:</b>	NBR
<b>Housing:</b>	Nickel-plated brass

**Note:** Further information on request

Identification	Thread	Length mm	AF mm
K- 07 30 24 41	R/Rp 1/8	26,0	14
K- 07 30 24 42	R/Rp 1/4	32,0	17

**Web:** <http://cat.hansa-flex.com/en/KRDKLEINSTBAUWEISE>

**K-RD DURCHGANGSFORM VA**

## Non-return valves - Straight-way type stainless steel



<b>Operating pressure:</b>	2 - 10 bar
<b>Operating temperature:</b>	-10 °C to +150 °C
<b>Opening pressure:</b>	0.2 bar
<b>Spring:</b>	Stainless steel 1.4319
<b>Housing:</b>	Stainless steel 1.4404
<b>O-ring:</b>	FKM (FPM)

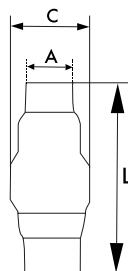
**Note:** Further information on request

Identification	Thread	Length mm	Opening pressure bar	AF mm
K- 07 30 24 28	G 1/8	40,0	0,2	13
K- 07 30 24 29	G 1/4	48,0	0,2	16

**Web:** <http://cat.hansa-flex.com/en/KRDDURCHGANGSFORMVA>

**K-RD DURCHGANGSFORM LEI VA**

## Check valve - straight-way type, lightweight series, stainless steel



Stainless steel check valve with full bore and very low opening pressure, no maintenance required. Applications: Compressed air, water, neutral gases, gaseous and liquid non-corrosive media, oils.

<b>Operating pressure:</b>	2 - 16 bar
<b>Operating temperature:</b>	-20 °C to +150 °C
<b>Opening pressure:</b>	min. 0.03 bar
<b>Sealant:</b>	FKM
<b>Spring:</b>	Stainless steel 1.4301
<b>Housing:</b>	Stainless steel 1.4301

**Note:** Further information on request

Identification	Thread	A mm	C mm	L mm
K- 07 30 29 23	G 1/4	20,0	32,0	55,9
K- 07 30 29 28	G 3/8	20,0	32,0	56,0
K- 07 30 29 22	G 1/2	25,0	32,0	55,6
K- 07 30 29 27	G 3/4	29,0	44,0	66,7
K- 07 30 29 19	G 1	36,0	53,0	83,6
K- 07 30 29 21	G 1 1/4	45,0	62,0	96,0
K- 07 30 29 20	G 1 1/2	51,0	78,0	114,0
K- 07 30 29 24	G 2	64,0	89,0	120,5



(Continued)

## K-RD DURCHGANGSFORM LEI VA

Check valve - straight-way type, lightweight series, stainless steel

Identification	Thread	A mm	C mm	L mm
K- 07 30 29 25	G 2 1/2	80,0	113,0	141,5
K- 07 30 29 26	G 3	94,0	132,0	160,0

Web: <http://cat.hansa-flex.com/en/KRDDURCHGANGSFORMLEIVA>

## K-SAUGKOERBE FUER RUECKSCHLAGV

Strainers for check valves

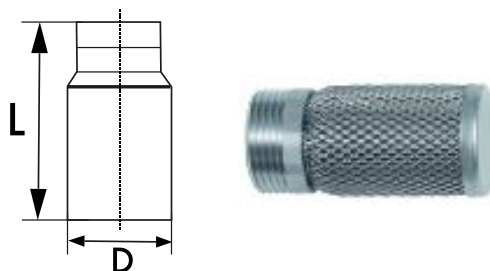
Corrosion resistant screw-in strainer, all stainless steel, to suit foot-operated or check valves.

**Thread description:** Stainless steel 1.4301

**Temp. range:** max. +150 °C

**Sealant:** NBR

**Housing, filter fabric:** Stainless steel 1.4301



Identification	Thread	D mm	L mm	Mesh size mm
K- 07 30 30 52	G 3/8	19,0	55,0	1,0
K- 07 30 30 47	G 1/2	22,0	55,0	1,0
K- 07 30 30 51	G 3/4	29,0	62,0	1,0
K- 07 30 30 44	G 1	36,0	71,0	1,0
K- 07 30 30 46	G 1 1/4	43,0	80,0	1,0
K- 07 30 30 45	G 1 1/2	49,0	90,0	1,0
K- 07 30 30 48	G 2	60,0	101,0	1,0
K- 07 30 30 49	G 2 1/2	80,0	111,0	1,8
K- 07 30 30 50	G 3	92,0	125,0	1,8

Web: <http://cat.hansa-flex.com/en/KSAUGKOERBEFUERRUECKSCHLAGV>

## K-RD VOLLER DURCHGANG

Non-return valves

Economy non-return valves with full passage and very low opening pressure.

**Operating temperature:** -10 °C to +100 °C

**Opening pressure:** 20 mbar

**Sealant:** NBR

**Spring:** Stainless-steel

**Housing:** Brass

**Slider:** Polyether imide (PEI)



**Note:** Further information on request

Identification	Thread	Length mm	Max. working pressure bar	AF mm
K- 07 30 24 53	Rp 3/8	47,0	40	20
K- 07 30 24 54	Rp 1/2	59,0	40	25
K- 07 30 24 55	Rp 3/4	65,0	40	31
K- 07 30 24 56	Rp 1	75,0	25	38
K- 07 30 24 57	Rp 1 1/4	83,0	25	48
K- 07 30 24 58	Rp 1 1/2	89,0	16	54
K- 07 30 24 59	Rp 2	101,0	16	67

Web: <http://cat.hansa-flex.com/en/KRDVOLLERDURCHGANG>

**K-RD RED**

## Non-return valves



Compact, low-price non-return valves with very low opening pressure.

**Operating temperature:** -10 °C to +100 °C

**Opening pressure:** 20 - 50 mbar

**Sealant:** NBR

**Spring:** Stainless-steel

**Housing:** Brass

**Slider:** Polyether imide (PEI)

**Note:** Further information on request

Identification	Thread	Length mm	Max. working pressure		AF mm
			bar		
K-07 30 24 30	G 1/2	44,5	40		25
K-07 30 24 31	G 3/4	47,5	40		31
K-07 30 24 32	G 1	56,0	25		38
K-07 30 24 33	G 1 1/4	62,0	25		48
K-07 30 24 34	G 1 1/2	70,0	16		54
K-07 30 24 35	G 2	78,0	16		67

**Web:** <http://cat.hansa-flex.com/en/KRDRED>

**K-RD FORM VOLLER DURCHGANG**

## Unidirectional valves



**Operating temperature:** -20 °C to +100 °C

**Thread description:** G thread acc. DIN EN ISO 228-1

**Opening pressure:** 0.2 - 0.4 bar

**Seals:** NBR

**Spring:** Stainless-steel

**Housing:** Brass

**Valve pin:** Brass

**Valve disc:** Stainless steel

**Note:** Further information on request

Identification	Thread	Length mm	Max. working pressure		AF mm
			bar		
K-07 30 24 60	G 3/8	54,0	25		23
K-07 30 24 61	G 1/2	57,0	25		27
K-07 30 24 62	G 3/4	64,0	25		33
K-07 30 24 63	G 1	74,5	25		40
K-07 30 24 64	G 1 1/4	82,0	18		50
K-07 30 24 65	G 1 1/2	93,0	18		55
K-07 30 24 66	G 2	100,0	18		70

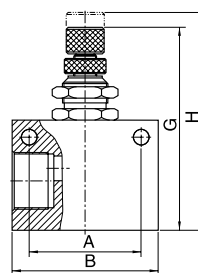
**Web:** <http://cat.hansa-flex.com/en/KRDFORMVOLLERDURCHGANG>



## K-DRV 1

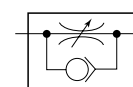
## Unidirectional flow control valves

**Operating pressure:** Max. 10 bar  
**Operating temperature:** Max. 70 °C  
**Sealant:** NBR  
**Housing:** Aluminium  
**Internal parts:** Aluminium/Brass



**Note:** Further information on request

Identification	Thread	A mm	B mm	G mm	H mm
K-07 30 12 32	G 1/8	22,0	32,0	46,90	52,3
K-07 30 12 33	G 1/4	26,0	36,0	50,80	56,3
K-07 30 12 34	G 3/8	35,0	50,0	65,00	74,0
K-07 30 12 35	G 1/2	35,0	50,0	65,00	74,0

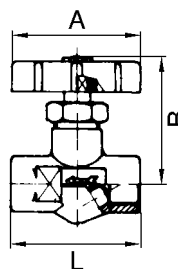


**Web:** <http://cat.hansa-flex.com/en/KDRV1>

## K-ABSPV AG

## Globe valves

**Operating pressure:** Max. 40 bar  
**Thread description:** With inside cone for ball-type hose fitting  
**Housing:** Brass  
**Handwheel:** Plastic  
**Spindle:** With stainless steel ball



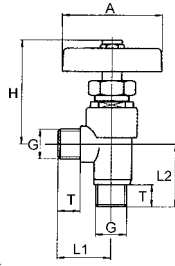
**Note:** Further information on request

Identification	DN	Thread	A mm	B mm	L mm	AF mm
K-07 30 03 52	6	G 1/4	48,0	50,0	42,0	17
K-07 30 03 53	8	G 3/8	48,0	55,0	52,0	22
K-07 30 03 54	11	G 1/2	48,0	65,0	67,0	27

**Web:** <http://cat.hansa-flex.com/en/KABSPVAG>

**K-ABSPV ECK**

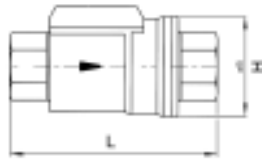
## Angle-type globe valves

**Operating pressure:** Max. 40 bar**Thread description:** With inside cone for ball-type hose fitting**Housing:** Brass**Handwheel:** Plastic**Spindle:** With stainless steel ball**Note:** Further information on request

Identification	DN	Thread	A mm	H mm	L1 mm	L2 mm	AF mm	T mm
K-07 30 12 49	6	G 1/4	48,0	45,0	25,0	27,0	19	11,0
K-07 30 12 50	8	G 3/8	48,0	45,0	25,0	27,0	19	11,0

**Web:** <http://cat.hansa-flex.com/en/KABSPVECK>**K-SPV DOPPEL**

## Check valves, double-acting



2/2-way check valves, specially designed for automated industrial plant engineering. A low-price, compact, space-saving and reliable alternative to ball valves with a pneumatic rotary actuator.

These valves have a full bore.

**Operating pressure:** Max. 10 bar**Pilot pressure:** min. 3.0 bar, max. 8 bar with double-acting actuator;  
min. 4.2 bar, max. 8 bar for single-drive**Temperature:** -20 °C to +80 °C (NBR); -20 °C to +150 °C (FKM)**Connection:** NAMUR-Interface, direct: 2 x G 1/8**Installation position:** Any**Housing, internal parts:** Nickel-plated brass**Spring:** Stainless-steel**Sealant:** Perbunan (NBR) or FKM (FPM)**Note:** Further information on request

Identification	DN	Thread	Sealant	H mm	L mm
K-07 30 25 37	10	Rp 3/8	NBR	46,0	98,0
K-07 30 25 38	15	Rp 1/2	NBR	51,7	112,0
K-07 30 25 39	20	Rp 3/4	NBR	63,5	135,0
K-07 30 25 40	25	Rp 1	NBR	69,0	143,0
K-07 30 25 41	10	Rp 3/8	FKM	46,0	98,0
K-07 30 25 42	15	Rp 1/2	FKM	51,7	112,0
K-07 30 25 43	20	Rp 3/4	FKM	63,5	135,0
K-07 30 25 44	25	Rp 1	FKM	69,0	143,0

**Web:** <http://cat.hansa-flex.com/en/KSPVDOPPEL>

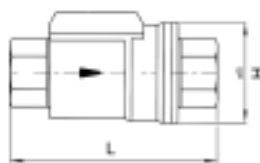
**K-SPV EINFACH**

## Check valves, single-acting - spring to close

2/2-way check valves, specially designed for automated industrial plant engineering. A low-price, compact, space-saving and reliable alternative to ball valves with a pneumatic rotary actuator.

These valves have a full bore.

**Operating pressure:** Max. 10 bar  
**Pilot pressure:** min. 3.0 bar, max. 8 bar with double-acting actuator;  
 min. 4.2 bar, max. 8 bar for single-drive  
**Temperature:** -20 °C to +80 °C (NBR); -20 °C to +150 °C (FKM)  
**Connection:** NAMUR-Interface, direct: 2 x G 1/8  
**Installation position:** Any  
**Housing, internal parts:** Nickel-plated brass  
**Spring:** Stainless-steel  
**Sealant:** Perbunan (NBR) or FKM (FPM)



**Note:** Further information on request

Identification	DN	Thread	Sealant	H mm	L mm
K-07 30 25 45	10	Rp 3/8	NBR	46,0	98,0
K-07 30 25 46	15	Rp 1/2	NBR	51,7	112,0
K-07 30 25 47	20	Rp 3/4	NBR	63,5	135,0
K-07 30 25 48	25	Rp 1	NBR	69,0	143,0
K-07 30 25 49	10	Rp 3/8	FKM	46,0	98,0
K-07 30 25 50	15	Rp 1/2	FKM	51,7	112,0
K-07 30 25 51	20	Rp 3/4	FKM	63,5	135,0
K-07 30 25 52	25	Rp 1	FKM	69,0	143,0

**Web:** <http://cat.hansa-flex.com/en/KSPVEINFACH>

**K-ABLAV ECKFORM**

## Drain valves, angle type, with hose fitting (for hose inside width 12 mm) and knurled screw, NBR seal

**Operating pressure:** Max. 25 bar  
**Operating temperature:** max. +90 °C  
**Housing:** Brass



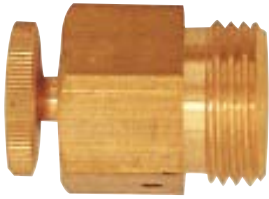
**Note:** Further information on request

Identification	Thread	Length mm
K-07 30 03 23	G 1/8	43,5
K-07 30 03 24	G 1/4	43,5

**Web:** <http://cat.hansa-flex.com/en/KABLAV ECKFORM>

**K-ABLASV GERADE**

Drain valves, straight type, with knurled screw



**Operating pressure:** Max. 25 bar  
**Operating temperature:** max. +90 °C  
**Housing:** Brass

**Note:** Further information on request

Identification	Thread	Length mm
K- 07 30 03 25	G 1/8	21,0
K- 07 30 03 26	G 1/4	25,0

**Web:** <http://cat.hansa-flex.com/en/KABLASVGERADE>**K-SNV ABSP V MS BL**

Quick-stop shut-off valves, brass



**Applications:** Fuel oil, liquefied gas (in gas phase), compressed air  
**Operating pressure:** max. 16 bar for valves with cutting ring connection; max. 4 bar for valves with pipe thread  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Housing:** Brass with a bare metal surface or chromed

**Note:** Further information on request

Identification	DN	Connection
K- 07 30 25 21	8	G 3/8 female thread
K- 07 30 30 85	12	G 1/2 female thread
K- 07 30 30 86	4	6 mm pipe
K- 07 30 30 87	6	8 mm pipe
K- 07 30 30 88	7	10 mm pipe
K- 07 30 30 89	10	12 mm pipe
K- 07 30 30 90	12	15 mm pipe

**Web:** <http://cat.hansa-flex.com/en/KSNVABSPVMSBL>

**K-SNV ABSP V MS CR**

## Quick-stop shut-off valves, chrome-plated brass

**Applications:** Fuel oil, liquefied gas (in gas phase), compressed air  
**Operating pressure:** max. 16 bar for valves with cutting ring connection; max. 4 bar for valves with pipe thread  
**Thread description:** G thread acc. DIN EN ISO 228-1  
**Housing:** Brass with a bare metal surface or chromed



**Note:** Further information on request

Identification	DN	Connection
K-07 30 30 91	7	G 1/4 female thread
K-07 30 30 92	8	G 3/8 female thread
K-07 30 30 93	12	G 1/2 female thread
K-07 30 30 94	4	6 mm pipe
K-07 30 30 95	6	8 mm pipe
K-07 30 25 22	7	10 mm pipe
K-07 30 30 96	10	12 mm pipe
K-07 30 25 23	12	15 mm pipe



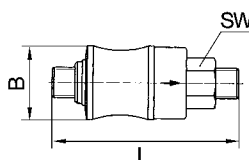
**Web:** <http://cat.hansa-flex.com/en/KSNVABSPVMSCR>

**K-HAND-SCHIEBEVENTIL**

## Manual slide valves

For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

**Operating pressure:** Max. 10 bar  
**Operating temperature:** max. +70 °C



**Note:** Further information on request

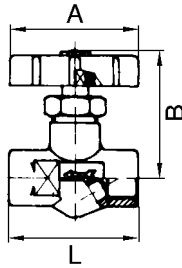
Identification	Thread	B mm	L mm	AF mm
K-07 30 15 92	G 1/8	21,0	67,0	14
K-07 30 15 93	G 1/4	24,0	77,0	17
K-07 30 15 94	G 3/8	31,0	87,0	22
K-07 30 15 95	G 1/2	35,0	104,0	26



**Web:** <http://cat.hansa-flex.com/en/KHANDSCHIEBEVENTIL>

**K-NADELVENTILE MS**

## Needle valves



**Operating pressure:** Max. 16 bar  
**Temperature:** -30 °C to +110 °C  
**Seals:** NBR  
**Housing:** Brass  
**Handwheel:** Plastic  
**Spindle:** With fine adjustment

**Note:** Further information on request

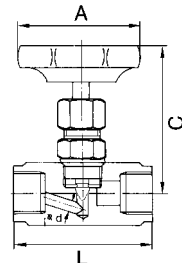
Identification	DN	Thread	A mm	B mm	L mm	AF mm
K-07 30 03 55	4	G 1/4 male	48,0	50,0	45,0	17
K-07 30 03 56	4	G 3/8 male	48,0	54,0	51,0	22
K-07 30 03 57	4	G 1/4 female	48,0	48,0	42,0	17
K-07 30 03 58	4	G 3/8 female	48,0	52,0	51,0	22
K-07 30 03 59	4	G 1/2 female	48,0	56,0	64,0	27



**Web:** <http://cat.hansa-flex.com/en/KNADELVENTILEMS>

**K-NADELVENTILE VA**

## Needle valves



**Operating pressure:** max. 400 bar (at 20 °C); max. 250 bar (at G 1 - 20 °C)  
**Operating temperature:** -20 °C to +120 °C  
**Sealant:** PTFE  
**Housing:** Stainless steel 1.4571  
**Handwheel:** Plastic  
**Material:** sealing: PTFE

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

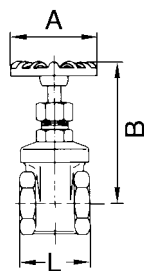
Identification	DN	Thread	A mm	C mm	L mm
K-07 30 24 03	4	G 1/8	50,0	74,0	50,0
K-07 30 24 04	5	G 1/4	50,0	73,0	50,0
K-07 30 24 05	6	G 3/8	50,0	72,0	55,0
K-07 30 24 06	8	G 1/2	63,0	83,0	60,0
K-07 30 24 07	10	G 3/4	63,0	100,0	75,0
K-07 30 24 08	12	G 1	80,0	110,0	100,0

**Web:** <http://cat.hansa-flex.com/en/KNADELVENTILEVA>

**K-MUFFEN ABSPERRSCHIEBER VA**

Female thread gate valves

**Operating pressure:** max. 14 bar  
**Media temperature:** max. +160 °C  
**Housing, internal parts:** Stainless Steel 1.4401/1.4408  
**Seal:** PTFE  
**Handwheel:** Aluminium



**Note:** Further information on request

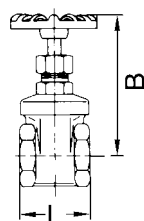
Identification	DN	Thread	A mm	B mm	L mm
K-07 30 22 01	15	G 1/2	70,0	100,0	55,0
K-07 30 22 02	20	G 3/4	70,0	107,0	60,0
K-07 30 22 03	25	G 1	80,0	110,0	65,0
K-07 30 22 04	32	G 1 1/4	80,0	130,0	75,0
K-07 30 22 05	40	G 1 1/2	90,0	147,0	85,0
K-07 30 22 06	50	G 2	100,0	170,0	95,0

**Web:** <http://cat.hansa-flex.com/en/KMUFFENABSPERRSCHIEBERVA>

**K-MUFFEN ABSPERRVENTIL MS**

Female thread globe valves

**Operating pressure:** Max. 10 bar  
**use:** Non-corrosive liquids and steam up to +90 °C  
**Housing, top part:** Brass  
**Seal:** NBR



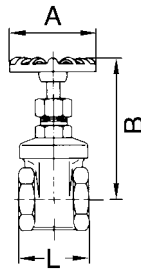
**Note:** Further information on request

Identification	DN	Thread	B mm	L mm
K-07 30 22 23	15	G 1/2	78,0	54,0
K-07 30 22 24	20	G 3/4	78,0	54,5
K-07 30 22 25	25	G 1	82,0	61,0
K-07 30 22 26	32	G 1 1/4	126,0	88,5
K-07 30 22 27	40	G 1 1/2	128,0	101,0
K-07 30 22 28	50	G 2	149,0	117,0

**Web:** <http://cat.hansa-flex.com/en/KMUFFENABSPERRVENTILMS>

## K-MUFFEN ABSPERRVENTIL VA

### Female thread globe valves



**Operating pressure:** max. 14 bar  
**Media temperature:** max. +160 °C  
**Housing, internal parts:** Stainless Steel 1.4401/1.4408  
**Seal:** FKM (FPM)  
**Handwheel:** Aluminium

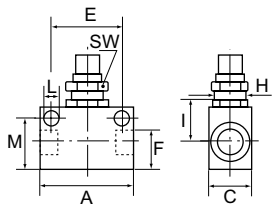
**Note:** Further information on request

Identification	DN	Thread	A mm	B closed	B open	L mm
K-07 30 22 16	10	G 3/8	70,0	89	99	52,0
K-07 30 22 17	15	G 1/2	70,0	89	99	52,0
K-07 30 22 18	20	G 3/4	80,0	95	107	66,0
K-07 30 22 19	25	G 1	80,0	102	118	76,0
K-07 30 22 20	32	G 1 1/4	90,0	130	150	86,0
K-07 30 22 21	40	G 1 1/2	90,0	132	142	94,0
K-07 30 22 22	50	G 2	100,0	154	167	118,0

**Web:** <http://cat.hansa-flex.com/en/KMUFFENABSPERRVENTILVA>

## K-DRV

### Unidirectional flow control valves

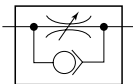


These valves are restricted in the flow direction and have free passage in the opposite direction.

**Operating pressure:** Max. 10 bar  
**Operating temperature:** max. +70 °C  
**Sealant:** NBR  
**Housing:** Alu eloxed  
**Internal parts:** Brass

**Note:** Further information on request

Identification	Thread	A mm	C mm	E mm	H size	I mm	L mm	M mm	AF mm
K-07 30 12 36	M 5	25,0	12,0	18,0	M 9 x 0.75 mm	10,0	3,2	12,2	11
K-07 30 12 37	G 1/8	34,0	16,0	24,0	M 12 x 0.75 mm	15,0	4,5	16,4	15
K-07 30 12 38	G 1/4	50,0	25,0	35,0	M 18 x 1.5 mm	24,0	6,5	23,8	22
K-07 30 12 39	G 3/8	58,0	25,0	40,0	M 18 x 1.5 mm	24,0	6,5	25,3	22
K-07 30 12 40	G 1/2	65,0	30,0	50,0	M 22 x 1.5 mm	29,0	6,5	33,0	26



**Web:** <http://cat.hansa-flex.com/en/KDRV>



## K-DRV 2

## Unidirectional flow control valves

Unidirectional flow control valve, restricted in the flow direction and free passage in the opposite direction.

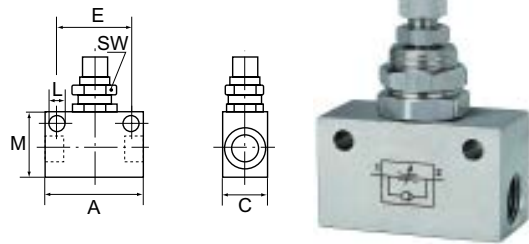
**Operating pressure:** Max. 10 bar

**Operating temperature:** 0 °C to +150 °C

**Sealant:** FKM

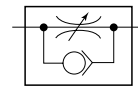
**Housing:** Stainless steel 1.4404

**Internal parts:** Stainless steel 1.4404



**Note:** Further information on request

Identification	Thread	A mm	C mm	E mm	L mm	M mm	AF mm
K-07 30 12 41	G 1/8	34,0	15,0	24,0	4,5	20,0	14
K-07 30 12 42	G 1/4	50,0	25,0	35,0	5,5	30,0	22



**Web:** <http://cat.hansa-flex.com/en/KDRV2>

## K-DV 1

## Bidirectional flow control valves

Straight-way valves with restricted flow in both directions.

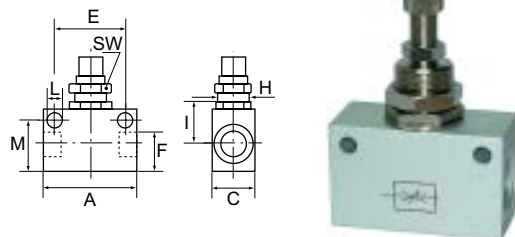
**Operating pressure:** Max. 10 bar

**Operating temperature:** max. +70 °C

**Internal parts:** Brass

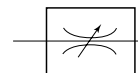
**Sealant:** NBR

**Housing:** Alu eloxed

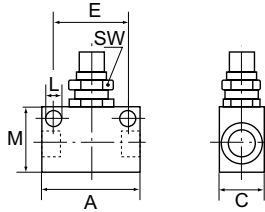


**Note:** Further information on request

Identification	Thread	A mm	C mm	E mm	H size	I mm	L mm	M mm	AF mm
K-07 30 12 43	G 1/8	34,0	16,0	24,0	M 12 x 0.75 mm	15,0	4,5	16,4	15
K-07 30 12 44	G 1/4	50,0	25,0	35,0	M 18 x 1.5 mm	24,0	6,5	23,8	22
K-07 30 12 45	G 3/8	58,0	25,0	40,0	M 18 x 1.5 mm	24,0	6,5	25,3	22
K-07 30 12 46	G 1/2	65,0	30,0	50,0	M 22 x 1.5 mm	29,0	6,5	33,0	26



**Web:** <http://cat.hansa-flex.com/en/KDV1>

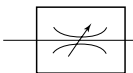
**K-DV 2**
**Bidirectional flow control valves**


Straight-way valves with restricted flow in both directions.

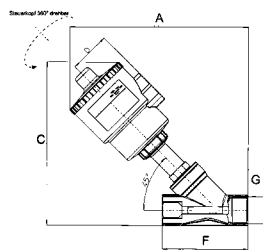
**Operating pressure:** Max. 10 bar  
**Operating temperature:** 0 °C to +150 °C  
**Internal parts:** Stainless steel 1.4404  
**Sealant:** FKM  
**Housing:** Stainless steel 1.4404

**Note:** Further information on request

Identification	Thread	A mm	C mm	E mm	L mm	M mm	AF mm
K-07 30 12 47	G 1/8	34,0	15,0	24,0	4,5	20,0	14
K-07 30 12 48	G 1/4	50,0	25,0	35,0	5,5	30,0	22



**Web:** <http://cat.hansa-flex.com/en/KDV2>

**K-SSV BR**
**Angle-seat valves with piston actuator**


Angle-seat valves with external pilot control and a self-aligning valve disc for neutral (bronze body) or corrosive (stainless steel body) media. Very high flow due to angled seat design, Water hammer prevented by fluid entry under the disc, Suitable for vacuum operation (low vacuum), NAMUR interface on the piston actuator. 3/2 and 5/2-way valves can be mounted directly.

**Differential pressure:** 0 - 16 bar  
**Media temperature:** -10 °C to +180 °C  
**Control air port:** G 1/8  
**Pilot fluid temperature:** max. +60 °C  
**Ambient temperature:** -20 °C to +70 °C  
**permissible static pressure:** Max. 16 bar  
**Valve housing:** Bronze  
**Connection piece:** Stainless steel  
**Operator:** Polyamide (glass fibre-reinforced)  
**Piston:** Nickel-plated brass (DN 15 to DN 32), PBT + GF 30% (DN 40 to DN 50)  
**Spindle:** Stainless steel  
**Sealant:** PTFE

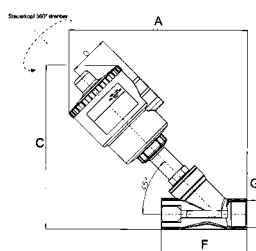
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off. Further information on request

Identification	A mm	C mm	F mm	Thread	max. operating differential pressure difference bar	min. control pressure	max. control pressure
K-07 30 25 24	163,0	153,0	65,0	G 1/2	16	4	10
K-07 30 25 25	173,0	163,0	75,0	G 3/4	10	4	10
K-07 30 25 26	191,0	181,0	75,0	G 3/4	16	4	10
K-07 30 25 27	206,0	196,0	90,0	G 1	11	4	10
K-07 30 25 28	246,0	236,0	90,0	G 1	16	4	8
K-07 30 25 29	255,0	245,0	110,0	G 1 1/4	14	4	8
K-07 30 25 30	270,0	264,0	120,0	G 1 1/2	11	4	8
K-07 30 25 31	306,0	300,0	120,0	G 1 1/2	16	4	8
K-07 30 25 32	316,0	311,0	150,0	G 2	10	4	8

**Web:** <http://cat.hansa-flex.com/en/KSSVBR>

**K-SSV VA**
**Angle-seat valves with piston actuator**

Angle-seat valves with external pilot control and a self-aligning valve disc for neutral (bronze body) or corrosive (stainless steel body) media. Very high flow due to angled seat design, Water hammer prevented by fluid entry under the disc, Suitable for vacuum operation (low vacuum), NAMUR interface on the piston actuator. 3/2 and 5/2-way valves can be mounted directly.



<b>Differential pressure:</b>	0 - 16 bar
<b>Media temperature:</b>	-10 °C to +180 °C
<b>Control air port:</b>	G 1/8
<b>Pilot fluid temperature:</b>	max. +60 °C
<b>Ambient temperature:</b>	-20 °C to +70 °C
<b>permissible static pressure:</b>	Max. 16 bar
<b>Valve housing:</b>	Stainless steel AISI 316
<b>Connection piece:</b>	Stainless steel
<b>Operator:</b>	Polyamide (glass fibre-reinforced)
<b>Piston:</b>	Nickel-plated brass (DN 15 to DN 32), PBT + GF 30% (DN 40 to DN 50)
<b>Spindle:</b>	Stainless steel
<b>Sealant:</b>	PTFE

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off. Further information on request

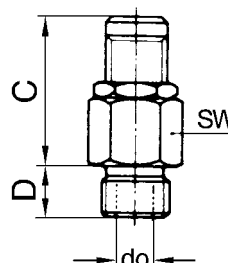
Identification	A mm	C mm	F mm	Thread	max. operating differential pressure difference bar	min. control pressure	max. control pressure
K-07 30 25 33	190,0	169,0	85,0	G 1/2	16	4	10
K-07 30 25 34	195,0	176,0	95,0	G 3/4	10	4	10
K-07 30 25 35	213,0	195,0	95,0	G 3/4	16	4	10
K-07 30 25 36	219,0	202,0	105,0	G 1	11	4	10

**Web:** <http://cat.hansa-flex.com/en/KSSVVA>

**K-ABBLV 1**
**Blow-off safety valves G 1/8**

Manual adjustment of the blow-off pressure (lock nut).

<b>Operating pressure:</b>	0.5 - 60 bar
<b>Operating temperature:</b>	max. 180 °C
<b>Seals:</b>	FKM
<b>Housing:</b>	Brass



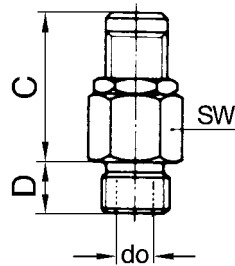
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Thread	Opening pressure	Blow-off capacity	C mm	D mm	Do mm	AF mm
K-07 30 29 17	G 1/8	0.5 - 1.0 bar	to 50 l/min	27,0	7,0	3,0	16
K-07 30 21 89	G 1/8	1.0 - 4.0 bar	to 200 l/min	27,0	7,0	3,0	16
K-07 30 21 90	G 1/8	3.0 - 7.0 bar	to 350 l/min	27,0	7,0	3,0	16
K-07 30 21 91	G 1/8	6.0 - 12.0 bar	to 650 l/min	27,0	7,0	3,0	16
K-07 30 21 92	G 1/8	10.0 - 18.0 bar	to 870 l/min	27,0	7,0	3,0	16
K-07 30 21 93	G 1/8	16.0 - 32.0 bar	to 1600 l/min	27,0	7,0	3,0	16
K-07 30 21 94	G 1/8	30.0 - 60.0 bar	to 3000 l/min	27,0	7,0	3,0	16

**Web:** <http://cat.hansa-flex.com/en/KABBLV1>

**K-ABBLV 2**

## Blow-off safety valves G 1/4



Manual adjustment of the blow-off pressure (lock nut).

**Operating pressure:** 0.5 - 60 bar  
**Operating temperature:** max. 180 °C  
**Seals:** FKM  
**Housing:** Brass

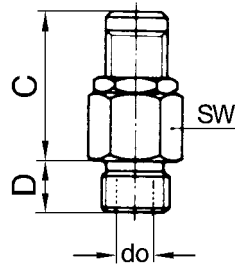
**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Thread	Opening pressure	Blow-off capacity	C mm	D mm	Do mm	AF mm
K-07 30 29 18	G 1/4	0.5 - 1.0 bar	to 50 l/min	27,0	7,0	3,0	16
K-07 30 21 95	G 1/4	1.0 - 4.0 bar	to 200 l/min	27,0	7,0	3,0	16
K-07 30 21 96	G 1/4	3.0 - 7.0 bar	to 350 l/min	27,0	7,0	3,0	16
K-07 30 21 97	G 1/4	6.0 - 12.0 bar	to 650 l/min	27,0	7,0	3,0	16
K-07 30 21 98	G 1/4	10.0 - 18.0 bar	to 870 l/min	27,0	7,0	3,0	16
K-07 30 21 99	G 1/4	16.0 - 32.0 bar	to 1600 l/min	27,0	7,0	3,0	16
K-07 30 22 00	G 1/4	30.0 - 60.0 bar	to 3000 l/min	27,0	7,0	3,0	16

**Web:** <http://cat.hansa-flex.com/en/KABBLV2>

**K-ABBLV VA 1**

## Stainless steel blow-off safety valves, G 1/8



Manual adjustment of the blow-off pressure (lock nut).

**Operating pressure:** 0.5 - 60 bar  
**Operating temperature:** max. 180 °C  
**Seals:** FKM  
**Spring:** Stainless steel 1.4310  
**Housing:** Stainless steel 1.4305

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Thread	Opening pressure	Blow-off capacity	C mm	D mm	Do mm	AF mm
K-07 30 21 75	G 1/8	0.5 - 1.0 bar	to 50 l/min	27,0	7,0	3,0	16
K-07 30 21 76	G 1/8	1.0 - 4.0 bar	to 200 l/min	27,0	7,0	3,0	16
K-07 30 21 77	G 1/8	3.0 - 7.0 bar	to 350 l/min	27,0	7,0	3,0	16
K-07 30 21 78	G 1/8	6.0 - 12.0 bar	to 650 l/min	27,0	7,0	3,0	16
K-07 30 21 79	G 1/8	10.0 - 18.0 bar	to 870 l/min	27,0	7,0	3,0	16
K-07 30 21 80	G 1/8	16.0 - 32.0 bar	to 1600 l/min	27,0	7,0	3,0	16
K-07 30 21 81	G 1/8	30.0 - 60.0 bar	to 3000 l/min	27,0	7,0	3,0	16

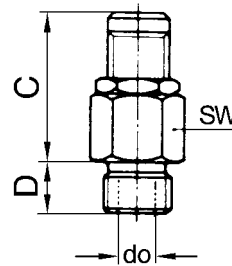
**Web:** <http://cat.hansa-flex.com/en/KABBLVA1>

## K-ABBLV VA 2

## Stainless steel blow off safety valves, G 1/4

Manual adjustment of the blow-off pressure (lock nut).

**Operating pressure:** 0.5 - 60 bar  
**Operating temperature:** max. 180 °C  
**Seals:** FKM  
**Spring:** Stainless steel 1.4310  
**Housing:** Stainless steel 1.4305



**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request For use on devices that have to be vented whenever they are turned off, either because of safety regulations or for technical reasons. The pneumatic devices are disconnected from the system and simultaneously vented each time they are shut off.

Identification	Thread	Opening pressure	Blow-off capacity	C mm	D mm	Do mm	AF mm
K-07 30 21 82	G 1/4	0.5 - 1.0 bar	to 50 l/min	27,0	7,0	3,0	16
K-07 30 21 83	G 1/4	1.0 - 4.0 bar	to 200 l/min	27,0	7,0	3,0	16
K-07 30 21 84	G 1/4	3.0 - 7.0 bar	to 350 l/min	27,0	7,0	3,0	16
K-07 30 21 85	G 1/4	6.0 - 12.0 bar	to 650 l/min	27,0	7,0	3,0	16
K-07 30 21 86	G 1/4	10.0 - 18.0 bar	to 870 l/min	27,0	7,0	3,0	16
K-07 30 21 87	G 1/4	16.0 - 32.0 bar	to 1600 l/min	27,0	7,0	3,0	16
K-07 30 21 88	G 1/4	30.0 - 60.0 bar	to 3000 l/min	27,0	7,0	3,0	16

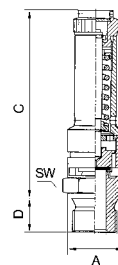
**Web:** <http://cat.hansa-flex.com/en/KABBLVVA2>

## K-SHV DN8

## Safety valves DN 8

For compressed air and non-toxic, non-flammable gases, cannot be used for liquids due to free blow-off, not suitable for steam. These valves are TÜV approved and have a TÜV type test number.

**Operating pressure:** 0,2 - 50 bar  
**Operating temperature:** -25 °C to +180 °C  
**Male thread:** G 3/8", G 1/2", G 3/4".  
**Seals:** FKM  
**Compression spring:** Stainless steel  
**Housing:** Brass  
**More information:** User manual on request



**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211)

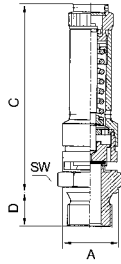
**Ordering information:** For full order codes with the desired operating pressure, please visit our online catalogue or on request.

**Web:** <http://cat.hansa-flex.com/en/KSHVDN8GRUPPE>

**Product versions:**  
 K-SHV DN8 -

**K-SHV DN10**

## Safety valves DN 10



For compressed air and non-toxic, non-flammable gases, cannot be used for liquids due to free blow-off, not suitable for steam. These valves are TÜV approved and have a TÜV type test number.

These valves are type-tested and are only allowed to be delivered with a fixed setting.

**Operating pressure:** 0,2 - 50 bar  
**Operating temperature:** -25 °C to +180 °C  
**Male thread:** G 3/8", G 1/2", G 3/4".  
**Seals:** FKM  
**Compression spring:** Stainless steel  
**Housing:** Brass  
**More information:** User manual on request

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211)

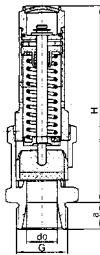
**Ordering information:** For full order codes with the desired operating pressure, please visit our online catalogue or on request.

**Web:** <http://cat.hansa-flex.com/en/KSHVDN10GRUPPE>

**Product versions:**  
 K-SHV DN10 - ,

**K-SHV**

## Safety valves



For compressed air and non-toxic, non-flammable gases, cannot be used for liquids due to free blow-off, not suitable for steam. These valves are TÜV approved and have a TÜV type test number.

**Operating pressure:** 0,2 - 26 bar  
**Operating temperature:** -10 °C to +200 °C  
**Male thread:** G 1/2", G 3/4", G 1", G 1 1/4", G 1 1/2", G 2".  
**Seals:** FKM  
**Compression spring:** C steel  
**Housing:** Brass

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

**Ordering information:** For full order codes with the desired operating pressure, please visit our online catalogue or on request.

**Web:** <http://cat.hansa-flex.com/en/KSHVGRUPPE>

**Product versions:**  
 K-SHV - ,

**K-HOCHLEIST SICHERHEITSVEN**

## High-pressure safety valves

Proportional, spring-loaded safety valves with a lifting device. Type-tested acc. to VdTÜV Specification for safety valves 100. Exceptionally reliable, even when installed in extreme environments (vibration-resistant design).

**Applications:** Compressed air and other non-toxic, neutral and non-flammable gases may escape freely. Not suitable for steam.

**Operating pressure:** 0.5 - 20 bar

**Operating temperature:** max. 180 °C

**Spring bonnet:** Brass (up to G 1) / cast iron (powder coated blue G 1 1/4 or larger)

**Valve body:** Brass

**Note:** G thread acc. to DIN EN ISO 228-1, with ISO flange plate (acc. to ISO 5211) Further information on request

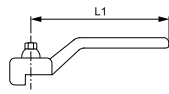
**Ordering information:** For full order codes with the desired operating pressure, please visit our online catalogue or on request.

**Web:** <http://cat.hansa-flex.com/en/KHOCHLEISTSICHERHEITSVEN>



**ND GRIFF**

## Handle for ND ball valve



**suitable for:** Low pressure ball valve  
**Material:** Steel

Identification	for ball valve	L1 mm
ND GRIFF DN 06 13	DN 06 - 12	80,0
ND GRIFF DN 20 25	DN 19/DN 25	113,0
ND GRIFF DN 32 40	DN 31/DN 38	137,5
ND GRIFF DN 50	DN 51	157,0
ND GRIFF DN 65	DN 65	197,0
ND GRIFF DN 100	DN 76 - DN 100	250,0

DN = Nominal diameter, nominal width

**Web:** <http://cat.hansa-flex.com/en/NDGRIFFPNEU>

**ND GRIFF K BA**

## Handle for ND ball valve



**Material:** Aluminium

Identification	for ball valve
ND GRIFF K 06 13 BA	DN 06 - 12
ND GRIFF K 20 25 BA	DN 19 - DN 25

DN = Nominal diameter, nominal width

**Web:** <http://cat.hansa-flex.com/en/NDGRIFFKBAPEU>

**K-VORHAENGESCHLOSS VERSION 2**

## Padlock - Version 2



**Identification**  
 K- 07 30 29 12

**Web:** <http://cat.hansa-flex.com/en/KVORHAENGESCHLOSSVERSION2>



**K-SCHMUTZFAENGER ROTGUSS**

## Strainers

For liquids, gases, steam, water, mineral, fuel and hydraulic oils, fuels and other non-corrosive media in a liquid or gaseous state.

**Operating pressure:** Max. 16 bar

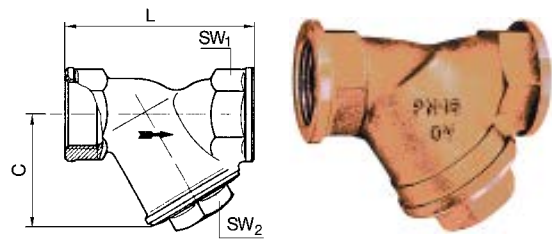
**Operating temperature:** -15 °C to +150 °C

**Screen:** Double stainless steel screen for fine filtration, mesh size 0.25 mm

**Housing:** Bronze

**Head piece:** Brass

**Seals:** FKM (FPM) O-ring



**Note:** Further information on request

Identification	DN	Thread	C mm	L mm	AF1 mm	AF2 mm
K-07 30 25 08	8	G 1/4	34,0	56,0	21	17
K-07 30 25 09	10	Rp 3/8	34,0	63,5	22	17
K-07 30 25 10	15	Rp 1/2	42,0	66,5	27	22
K-07 30 25 11	20	Rp 3/4	52,0	76,5	32	27
K-07 30 25 12	25	G 1	61,0	90,0	38	32
K-07 30 25 13	32	G 1 1/4	73,0	112,0	47	41
K-07 30 25 14	40	G 1 1/2	82,0	120,0	54	46
K-07 30 25 15	50	G 2	94,0	150,0	66	56

**Web:** <http://cat.hansa-flex.com/en/KSCHMUTZFAENGERROTGUSS>

**K-ERSATZSIEBE SM-FI RG**

## Replacement strainer-Sets for mudflaps made of gunmetal

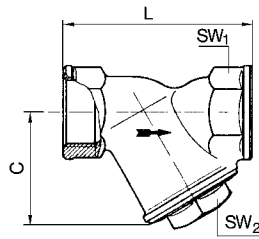


Identification	Port size
K-07 30 28 92	1/4, 3/8
K-07 30 28 93	1/2
K-07 30 28 94	3/4
K-07 30 28 95	1
K-07 30 28 96	1 1/4
K-07 30 28 97	1 1/2
K-07 30 28 98	2

**Web:** <http://cat.hansa-flex.com/en/KERSATZSIEBESMFIRG>

**K-SCHMUTZFAENGER VA**

## Strainers



**Operating pressure:** Max. 40 bar  
**Operating temperature:** max. 180 °C  
**Thread description:** G thread acc. to ISO 228-1  
**Media temperature:** max. 180 °C  
**Screen:** Stainless steel, mesh size 0.6 mm  
**Housing and head piece:** stainless steel 1.4401/1.4408

**Note:** Further information on request

Identification	DN	Thread	C mm	L mm	AF1 mm	AF2 mm
K-07 30 25 00	8	G 1/4	47,0	65,0	26	19
K-07 30 25 01	10	G 3/8	47,0	65,0	26	19
K-07 30 25 02	15	G 1/2	47,0	65,0	26	19
K-07 30 25 03	20	G 3/4	60,0	80,0	32	21
K-07 30 25 04	25	G 1	71,0	90,0	41	27
K-07 30 25 05	32	G 1 1/4	77,0	105,0	49	28
K-07 30 25 06	40	G 1 1/2	87,0	120,0	56	32
K-07 30 25 07	50	G 2	103,0	140,0	69	41

**Web:** <http://cat.hansa-flex.com/en/KSCHMUTZFAENGERVA>

**K-ERSATZSIEBE SM-FI VA**

## Replacement strainer-Sets for mudflaps made of gunmetal



Identification	Port size
K-07 30 28 99	1/4, 3/8, 1/2
K-07 30 29 00	3/4
K-07 30 29 01	1
K-07 30 29 02	1 1/4
K-07 30 29 03	1 1/2
K-07 30 29 04	2

**Web:** <http://cat.hansa-flex.com/en/KERSATZSIEBESMFIVA>

**K-SCHMUTZFAENGER MS BL****Strainers - brass**

Suitable for domestic water services, heating and air conditioning plants or compressed air systems. Not suitable for steam.

**Operating pressure:** Max. 20 bar

**Operating temperature:** -20 °C to +110 °C

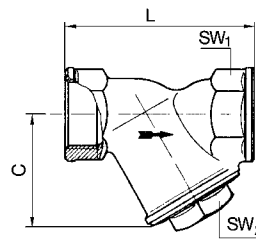
**Thread description:** G-thread acc. ISO 228-1, tolerance class B

**Screen:** Stainless steel, mesh size 0.5 mm

**Housing:** Brass with a bare metal surface

**Head piece:** Brass with a bare metal surface

**Seals:** NBR O-ring



**Note:** Further information on request

Identification	DN	Thread	C mm	L mm	AF1 mm	AF2 mm
K-07 30 29 93	8	G 1/4	40,0	55,0	18	20
K-07 30 29 94	10	G 3/8	40,0	55,0	21	20
K-07 30 29 95	15	G 1/2	40,0	58,0	25	20
K-07 30 29 96	20	G 3/4	48,0	70,0	31	27
K-07 30 29 97	25	G 1	56,0	87,0	38	32
K-07 30 29 98	32	G 1 1/4	64,0	96,0	47	36
K-07 30 29 99	40	G 1 1/2	73,0	106,0	57	38
K-07 30 30 00	50	G 2	89,0	126,0	67	46

**Web:** <http://cat.hansa-flex.com/en/KSCHMUTZFAENGERMSBL>

**K-ERSATZSIEBE SM-FI MG****Replacement screens for Strainer Brass**

Identification	Port size
K-07 30 30 01	1/4, 3/8, 1/2
K-07 30 30 02	3/4
K-07 30 30 03	1
K-07 30 30 04	1 1/4
K-07 30 30 05	1 1/2
K-07 30 30 06	2

**Web:** <http://cat.hansa-flex.com/en/KERSATZSIEBESMFIMG>

7



# Cylinders and control valves

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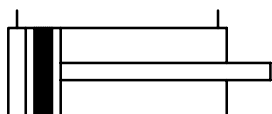
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Inline function connectors	805

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**K-RUNDZYLINDER DOPP O E D**

Round cylinders, double acting, magnetic, non-cushioned



Economy standard version with aluminum pipe and magnet piston.

**Media:** Filtered (50 µm), unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. 10 bar

**Set pressure:** 0,6 bar

**Temp. range:** -10 °C to +60 °C

**Design:** Connection: Aluminium pipe / end caps flanged

**Piston rod:** Stainless steel 1.4301 (Ø 16), C45 steel, hard chrome-plated (Ø 20 and Ø 25)

**Pipe:** Aluminium alloy, anodised

**Cover, floor, guide bush:** Technopolymer

**Piston rod seal:** PU

**Piston seal:** PU

**Note:** Maximum recommended stroke: Ø 16 = stroke 200, Ø 20 and Ø 25 = stroke 500. Longer strokes can result in malfunctions. Further information on request

Identification	Ø piston	stroke	Connection	Piston rod thread
K-07 15 17 62	16 mm	10	M 5	M 6
K-07 15 17 63	16 mm	25	M 5	M 6
K-07 15 17 64	16 mm	50	M 5	M 6
K-07 15 17 65	16 mm	80	M 5	M 6
K-07 15 17 66	16 mm	100	M 5	M 6
K-07 15 17 67	16 mm	125	M 5	M 6
K-07 15 17 68	16 mm	160	M 5	M 6
K-07 15 17 69	16 mm	200	M 5	M 6
K-07 15 17 70	20 mm	10	G 1/8	M 8
K-07 15 17 71	20 mm	25	G 1/8	M 8
K-07 15 17 72	20 mm	50	G 1/8	M 8
K-07 15 17 73	20 mm	80	G 1/8	M 8
K-07 15 17 74	20 mm	100	G 1/8	M 8
K-07 15 17 75	20 mm	125	G 1/8	M 8
K-07 15 17 76	20 mm	160	G 1/8	M 8
K-07 15 17 77	20 mm	200	G 1/8	M 8
K-07 15 17 78	20 mm	250	G 1/8	M 8
K-07 15 17 79	20 mm	500	G 1/8	M 8
K-07 15 17 80	25 mm	10	G 1/8	M 10 x 1.25
K-07 15 17 81	25 mm	25	G 1/8	M 10 x 1.25
K-07 15 17 82	25 mm	50	G 1/8	M 10 x 1.25
K-07 15 17 83	25 mm	80	G 1/8	M 10 x 1.25
K-07 15 17 84	25 mm	100	G 1/8	M 10 x 1.25
K-07 15 17 85	25 mm	125	G 1/8	M 10 x 1.25
K-07 15 17 86	25 mm	160	G 1/8	M 10 x 1.25
K-07 15 17 87	25 mm	200	G 1/8	M 10 x 1.25
K-07 15 17 88	25 mm	250	G 1/8	M 10 x 1.25
K-07 15 17 89	25 mm	500	G 1/8	M 10 x 1.25



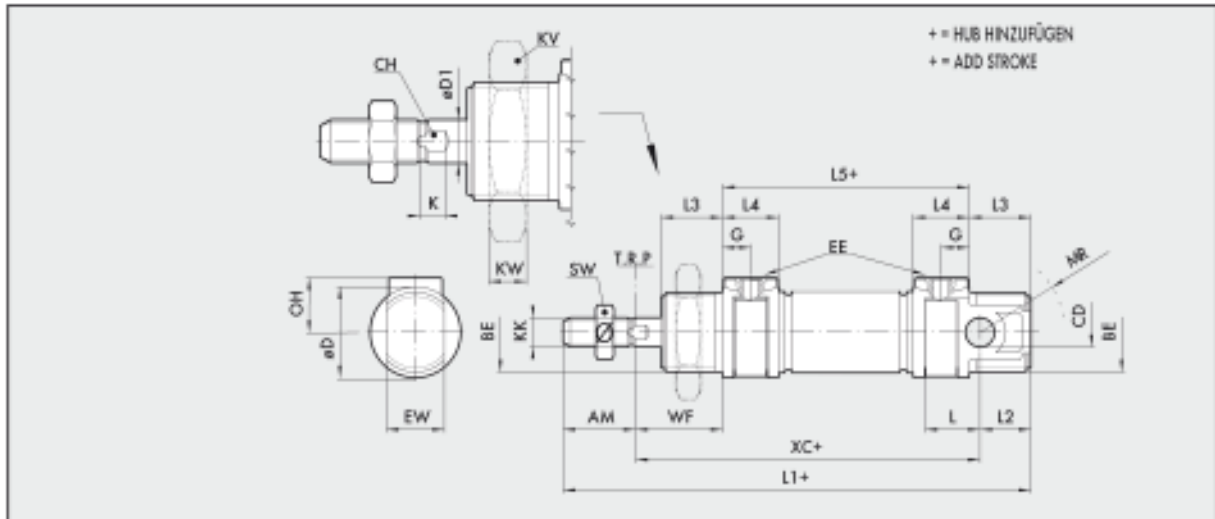
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K-RUNDZYLINDER DOPP O E D

Round cylinders, double acting, magnetic, non-cushioned

RUNDZYLINDER TP NACH ISO 6432 - Ø16 BIS Ø25, DOPPELTWIRKEND OHNE EINSTELLBARE DÄMPFUNG

ROUND CYLINDERS TP ACC. TO ISO 6432 - Ø16 TO Ø25, DOUBLE ACTING, NON-CUSHIONED



Ø	AM	BE	CD (H9)	ØD	ØD1	G	EE	EW (#13)	OH	L	L1	L2	L3	L4	L5	RK	XC(-1)	WF	KW	KV	MR	SW	CH	K
16	16	M16x1.5	6	21	6	4.7	M5	12	12	11	111	13	17	9.5	56	M6	82	22	8	24	16	10	5	3.5
20	20	M22x1.5	8	25	8	7.7	1/8"	16	16	15	129	14	17	15.5	68	M8	95	24	7	32	18	13	7	4.6
25	22	M22x1.5	8	30	10	7.7	1/8"	16	17	15	143	17	20	15.5	73	M10x1.25	104	28	7	32	21	17	8	5.5

Für die Gewinde an Deckel und Boden gelten folgende maximale Drehmomente:

Kolben Ø	Max. Drehmoment [Nm] an Gewinde BE (Deckel)	Max. Drehmoment [Nm] an Gewinde BE (Boden)	Max. Drehmoment [Nm] an Gewinde EE
16	12	8	1,2
20	22	15	3,0
25	22	15	3,0

Web: <http://cat.hansa-flex.com/en/KRUNDZYLINDERDOPPOED>**Accessories:**

- K-FUSSBEFESTIGUNG 5 - Foot model
- K-FLANSCHBEFESTIGUNGEN1 - Flange model
- K-KOPFMUTTER DECKEL BODEN 2 - Hexagon nut (for head)
- K-KOLST MUTTERN - Rod nut
- K-GABELKOEPFEN 3 - Fork model
- K-GELENKAUGEN 2 - Rod eye model
- K-SCHWENKLAGER 1 - Counter-hinge model
- K-SENSORHALTER - Sensor support (with T-slot adapter)
- K-SENSOREN T-NUT 5 - DSL reed sensor
- K-SENSOREN T-NUT 1 - Sensor for T-slot

**K-SCHWENKLAGER**

## Counter-hinge model



Identification	Ø piston	Ø pin mm
K-07 15 21 54	20 - 25 mm / 20 - 25 mm	6,5

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKLAGER>

**K-SENSORHALTER**

## Sensor support (with T-slot adapter)

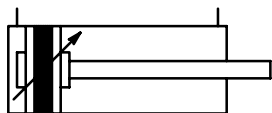


Identification	Design
K-07 15 21 24	Universal sensor support Ø 8 to Ø 50

**Web:** <http://cat.hansa-flex.com/en/KSENSORHALTER>

**K-RUNDZYLINDER DOPP M D**

## Rundzylinder, doppeltwirkend (mit Magnet, mit einstellbarer Dämpfung)



Single and double-acting cylinders, with magnetic piston.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. 10 bar

**Set pressure:** 0,8 bar (Ø 8 bis Ø 12), 0,6 bar (Ø 16 bis Ø 25)

**Temp. range:** -10 °C to +80 °C

**Design:** Flanged joint between stainless steel barrel and heads

**Piston rod:** C45 steel, hard chrome-plated

**Pipe:** Stainless steel 1.4301

**Piston:** Synthetic (acetal) resin

**Sealant:** NBR

**Note:** Maximum recommended stroke: Double-acting: Ø 8 - Ø 10 = 100 stroke, Ø 12 - Ø 16 = 200 stroke, Ø 20 - Ø 25 = 250 stroke Single-acting: Ø 8 - Ø 25 = 50 stroke. Longer stroke lengths can cause operational malfunctions. Further information on request

Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 24 89	16 mm	10	M 5	M 6
K-07 15 24 90	16 mm	25	M 5	M 6
K-07 15 24 91	16 mm	50	M 5	M 6
K-07 15 24 92	16 mm	80	M 5	M 6
K-07 15 24 93	16 mm	100	M 5	M 6
K-07 15 24 94	16 mm	125	M 5	M 6
k-07 15 24 95	16 mm	160	M 5	M 6
K-07 15 24 96	16 mm	200	M 5	M 6
K-07 15 24 97	20 mm	10	G 1/8	M 8

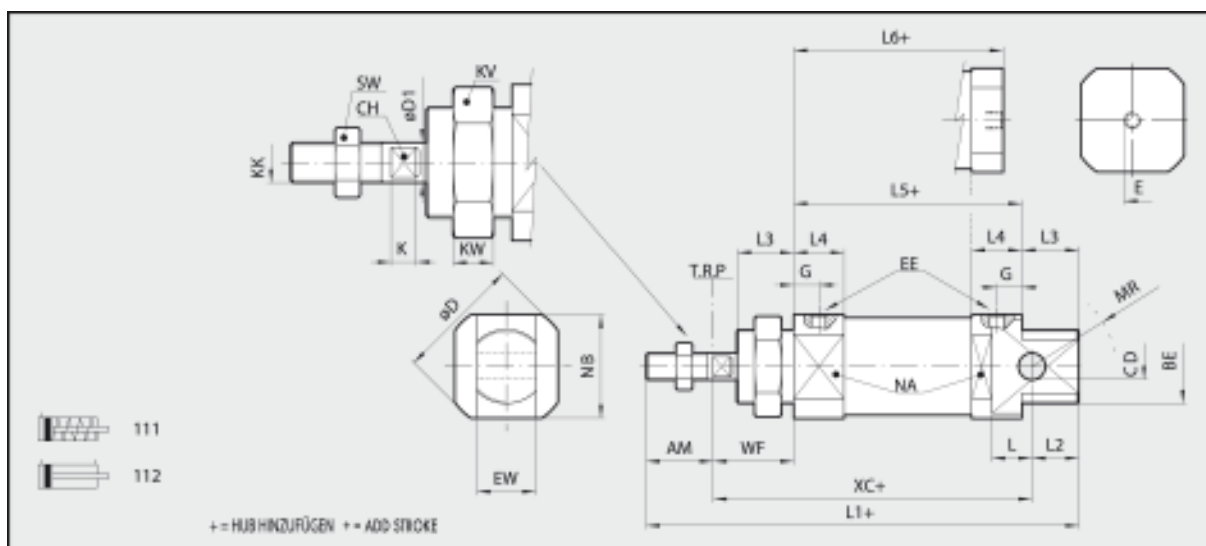


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K-RUNDZYLINDER DOPP M D

Rundzylinder, doppelwirkend (mit Magnet, mit einstellbarer Dämpfung)

Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 24 98	20 mm	25	G 1/8	M 8
K-07 15 24 99	20 mm	50	G 1/8	M 8
K-07 15 25 00	20 mm	80	G 1/8	M 8
K-07 15 25 01	20 mm	100	G 1/8	M 8
K-07 15 25 02	20 mm	125	G 1/8	M 8
K-07 15 25 03	20 mm	160	G 1/8	M 8
K-07 15 25 04	20 mm	200	G 1/8	M 8
K-07 15 25 05	20 mm	250	G 1/8	M 8
K-07 15 25 06	25 mm	10	G 1/8	M 10 x 1.25
K-07 15 25 07	25 mm	25	G 1/8	M 10 x 1.25
K-07 15 24 88	25 mm	50	G 1/8	M 10 x 1.25
K-07 15 25 08	25 mm	80	G 1/8	M 10 x 1.25
K-07 15 25 09	25 mm	100	G 1/8	M 10 x 1.25
K-07 15 25 10	25 mm	125	G 1/8	M 10 x 1.25
K-07 15 25 11	25 mm	160	G 1/8	M 10 x 1.25
K-07 15 25 12	25 mm	200	G 1/8	M 10 x 1.25
K-07 15 25 13	25 mm	250	G 1/8	M 10 x 1.25

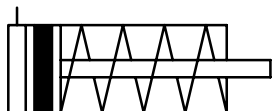


Ø	AM (+0.0; -2.0)	BE	ØCD (H9)	ØD	ØD1	E	G	BE	EW (±1.1)	L	L1	L2	L3	L4	L5	L6	KK	XC (+1)	WF (±1.2)	KW	KV	MR	NA	NB	SW	CH	K
8	12	M12x1,25	4	17	4	M5	6	M5	8	6,5	86	10	12	10	46	46	M4	64	16	7	19	12	15	15	7	3	3
10	12	M12x1,25	4	17	4	M5	6	M5	8	6,5	86	10	12	10	46	46	M4	64	16	7	19	12	15	15	7	3	3
12	16	M16x1,5	6	19	6	M5	6	M5	12	9	104	13	17	10	49	47	M6	75	22	8	24	16	17	17	10	5	3,5
16	16	M16x1,5	6	20	6	1/8	6	M5	12	9	111	13	17	10	56	53	M6	82	22	8	24	16	20	20	10	5	3,5
20	20	M22x1,5	8	28	8	1/8	8	G 1/8	16	12	129	14	17	15	68	61	M8	95	24	10	32	18	28	24	13	7	4,6
25	22	M22x1,5	8	33	10	1/8	9	G 1/8	16	12	143	17	20	17	73	66,5	M10x1,25	104	28	10	32	21	30	30	17	8	5

Web: <http://cat.hansa-flex.com/en/KRUNDZYLINDERDOPPM D>

**K-RUNDZYLINDER EINF O D**

## Miniature cylinders, single-acting (magnetic, non-cushioned)



Single and double-acting cylinders, with magnetic piston.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. 10 bar

**Set pressure:** 0,8 bar (Ø 8 bis Ø 12), 0,6 bar (Ø 16 bis Ø 25)

**Temp. range:** -10 °C to +80 °C

**Design:** Flanged joint between stainless steel barrel and heads

**Piston rod:** C45 steel, hard chrome-plated

**Pipe:** Stainless steel 1.4301

**Piston:** Synthetic (acetal) resin

**Sealant:** NBR

**Note:** Maximum recommended stroke: Double-acting: Ø 8 - Ø 10 = 100 stroke, Ø 12 - Ø 16 = 200 stroke, Ø 20 - Ø 25 = 250 stroke Single-acting: Ø 8 - Ø 25 = 50 stroke. Longer stroke lengths can cause operational malfunctions. Further information on request

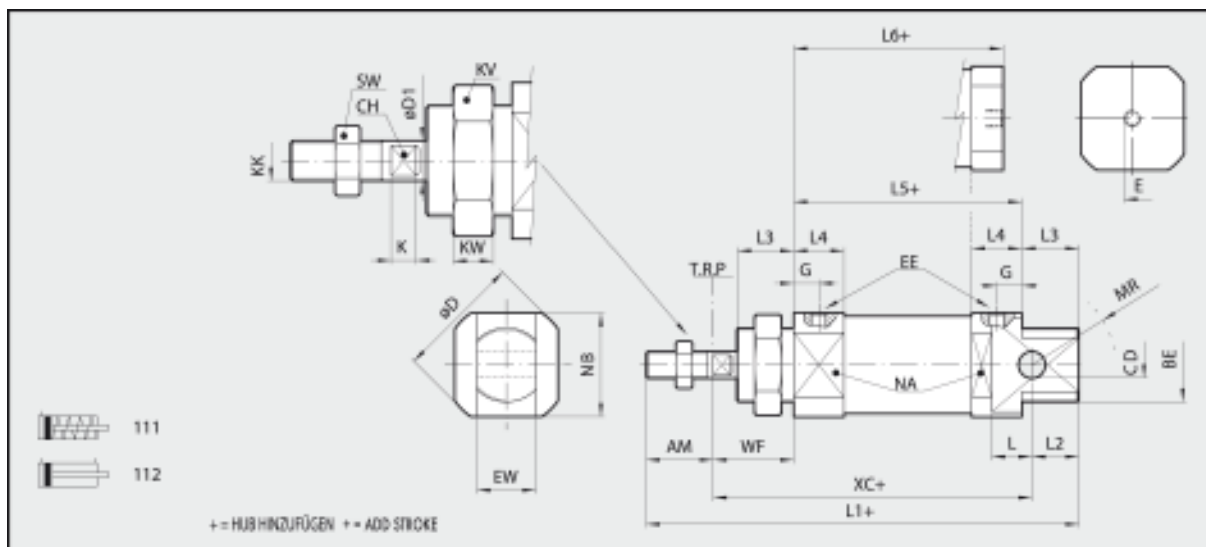
Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 17 11	8 mm	10	M 5	M 4
K-07 15 17 12	8 mm	25	M 5	M 4
K-07 15 17 13	8 mm	50	M 5	M 4
K-07 15 17 14	10 mm	10	M 5	M 4
K-07 15 17 15	10 mm	25	M 5	M 4
K-07 15 17 16	10 mm	50	M 5	M 4
K-07 15 17 17	12 mm	10	M 5	M 6
K-07 15 17 18	12 mm	25	M 5	M 6
K-07 15 17 19	12 mm	50	M 5	M 6
K-07 15 17 20	16 mm	10	M 5	M 6
K-07 15 17 21	16 mm	25	M 5	M 6
K-07 15 17 22	16 mm	50	M 5	M 6
K-07 15 17 23	20 mm	10	G 1/8	M 8
K-07 15 17 24	20 mm	25	G 1/8	M 8
K-07 15 17 25	20 mm	50	G 1/8	M 8
K-07 15 17 26	25 mm	10	G 1/8	M 10 x 1.25
K-07 15 17 27	25 mm	25	G 1/8	M 10 x 1.25
K-07 15 17 28	25 mm	50	G 1/8	M 10 x 1.25



(Continued)

## K-RUNDZYLINDER EINF O D

Miniature cylinders, single-acting (magnetic, non-cushioned)



Ø	AM (+0,0; 2,0)	BE	øCD (H9)	øD	øD1	E	G	EE	EW (±1,1)	L	L1	L2	L3	L4	L5	L6	KK	XC (+)	WF (±1,2)	KW	KV	MR	NA	NB	SW	CH	K
8	12	M12x1,25	4	17	4	M5	6	M5	8	6,5	86	10	12	10	46	46	M4	64	16	7	19	12	15	15	7	3	3
10	12	M12x1,25	4	17	4	M5	6	M5	8	6,5	86	10	12	10	46	46	M4	64	16	7	19	12	15	15	7	3	3
12	16	M16x1,5	6	19	6	M5	6	M5	12	9	104	13	17	10	49	47	M6	75	22	8	24	16	17	17	10	5	3,5
16	16	M16x1,5	6	20	6	1/8	6	M5	12	9	111	13	17	10	56	53	M6	82	22	8	24	16	20	20	10	5	3,5
20	20	M22x1,5	8	28	8	1/8	8	G 1/8	16	12	129	14	17	15	68	61	M8	95	24	10	32	18	28	24	13	7	4,6
25	22	M22x1,5	8	33	10	1/8	9	G 1/8	16	12	143	17	20	17	73	66,5	M10x1,25	134	28	10	32	21	30	30	17	8	5

Web: <http://cat.hansa-flex.com/en/KRUNDZYLINDEREINFOD>

## Accessories:

- K-FUSSBEFESTIGUNG 5 - Foot model
- K-FLANSCHBEFESTIGUNGEN1 - Flange model
- K-KOPFMUTTER DECKEL BODEN 2 - Hexagon nut (for head)
- K-GABELKOEPF 3 - Fork model
- K-GELENKAUGEN 2 - Rod eye model
- K-SCHWENKLAGER 1 - Counter-hinge model
- K-SENSORHALTER - Sensor support (with T-slot adapter)
- K-SENSOREN T-NUT 1 - Sensor for T-slot

## K-RUNDZYLINDER DOPP O D

Miniature cylinders, double acting (magnetic, non-cushioned)

Single and double-acting cylinders, with magnetic piston.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. 10 bar

**Set pressure:** 0,8 bar (Ø 8 bis Ø 12), 0,6 bar (Ø 16 bis Ø 25)

**Temp. range:** -10 °C to +80 °C

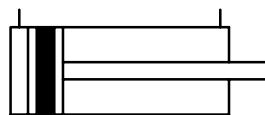
**Design:** Flanged joint between stainless steel barrel and heads

**Piston rod:** C45 steel, hard chrome-plated

**Pipe:** Stainless steel 1.4301

**Piston:** Synthetic (acetal) resin

**Sealant:** NBR



**Note:** Maximum recommended stroke: Double-acting: Ø 8 - Ø 10 = 100 stroke, Ø 12 - Ø 16 = 200 stroke, Ø 20 - Ø 25 = 250 stroke Single-acting: Ø 8 - Ø 25 = 50 stroke. Longer stroke lengths can cause operational malfunctions. Further information on request

Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 16 67	8 mm	10	M 5	M 4
K-07 15 16 68	8 mm	25	M 5	M 4
K-07 15 16 69	8 mm	50	M 5	M 4

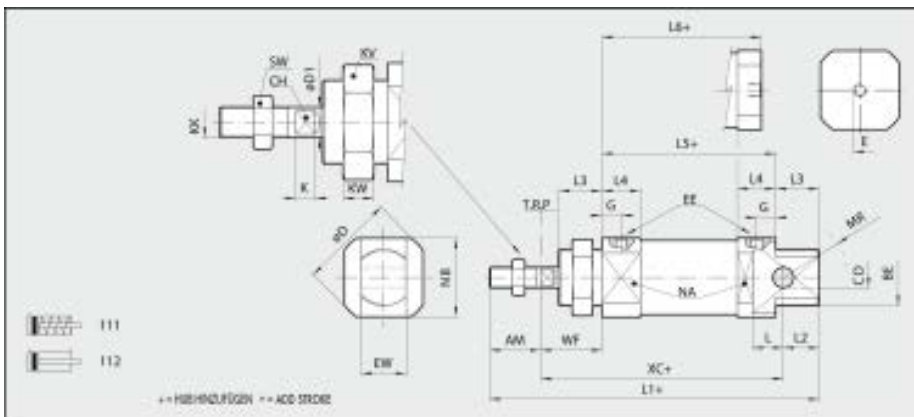
**K-RUNDZYLINDER DOPP O D**

(Continued)

Miniature cylinders, double acting (magnetic, non-cushioned)

Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 16 70	8 mm	80	M 5	M 4
K-07 15 16 71	8 mm	100	M 5	M 4
K-07 15 16 72	10 mm	10	M 5	M 4
K-07 15 16 73	10 mm	25	M 5	M 4
K-07 15 16 74	10 mm	50	M 5	M 4
K-07 15 16 75	10 mm	80	M 5	M 4
K-07 15 16 76	10 mm	100	M 5	M 4
K-07 15 16 77	12 mm	10	M 5	M 6
K-07 15 16 78	12 mm	25	M 5	M 6
K-07 15 16 79	12 mm	50	M 5	M 6
K-07 15 16 80	12 mm	80	M 5	M 6
K-07 15 16 81	12 mm	100	M 5	M 6
K-07 15 16 82	12 mm	125	M 5	M 6
K-07 15 16 83	12 mm	160	M 5	M 6
K-07 15 16 84	12 mm	200	M 5	M 6
K-07 15 16 85	16 mm	10	M 5	M 6
K-07 15 16 86	16 mm	25	M 5	M 6
K-07 15 16 87	16 mm	50	M 5	M 6
K-07 15 16 88	16 mm	80	M 5	M 6
K-07 15 16 89	16 mm	100	M 5	M 6
K-07 15 16 90	16 mm	125	M 5	M 6
K-07 15 16 91	16 mm	160	M 5	M 6
K-07 15 16 92	16 mm	200	M 5	M 6
K-07 15 16 93	20 mm	10	G 1/8	M 8
K-07 15 16 94	20 mm	25	G 1/8	M 8
K-07 15 16 95	20 mm	50	G 1/8	M 8
K-07 15 16 96	20 mm	80	G 1/8	M 8
K-07 15 16 97	20 mm	100	G 1/8	M 8
K-07 15 16 98	20 mm	125	G 1/8	M 8
K-07 15 16 99	20 mm	160	G 1/8	M 8
K-07 15 17 00	20 mm	200	G 1/8	M 8
K-07 15 17 01	20 mm	250	G 1/8	M 8
K-07 15 17 02	25 mm	10	G 1/8	M 10 x 1.25
K-07 15 17 03	25 mm	25	G 1/8	M 10 x 1.25
K-07 15 17 04	25 mm	50	G 1/8	M 10 x 1.25
K-07 15 17 05	25 mm	80	G 1/8	M 10 x 1.25
K-07 15 17 06	25 mm	100	G 1/8	M 10 x 1.25
K-07 15 17 07	25 mm	125	G 1/8	M 10 x 1.25
K-07 15 17 08	25 mm	160	G 1/8	M 10 x 1.25
K-07 15 17 09	25 mm	200	G 1/8	M 10 x 1.25
K-07 15 17 10	25 mm	250	G 1/8	M 10 x 1.25

Web: <http://cat.hansa-flex.com/en/KRUNDZYLINDERDOPPOD>



Ø	AM (+3.2L8)	SE	øCD (M)	øD	øD1	E	G	EE	ØØ (M1)	L	L1	L2	L3	L4	L5	L6	EE	XC(1)	WF (+1.2)	ØR	ØV	ØR1	ØR2	ØR3	ØR4	ØR5	ØR6	ØR7	ØR8	ØR9	ØR10
8	12	MF2x1.25	4	11	4	M5	5	M5	8	6.5	88	10	11	10	46	46	M4	64	16	7	18	12	11	15	7	3	1				
10	12	MF2x1.25	4	11	4	M5	5	M5	8	6.5	88	10	11	10	46	46	M4	64	16	7	18	12	11	15	7	3	1				
12	16	MF1x1.5	6	15	8	M5	5	M5	12	9	104	15	17	10	49	47	M4	75	21	8	24	16	17	17	16	5	3.5				
16	16	MF1x1.5	6	20	8	1/8	8	M5	12	9	111	11	11	10	50	51	M4	80	21	8	24	16	20	28	10	5	3.5				
20	20	AG2x1.5	8	28	8	1/8	8	G1/8	16	12	128	14	17	15	68	61	M4	95	24	10	31	18	38	34	11	7	4.6				
25	22	AG2x1.5	8	31	10	1/8	9	G1/8	16	12	143	17	20	17	71	64.5	M10x1.25	104	28	12	31	21	30	30	17	8	5				

**K-KOLST MUTTERN**

Rod nut



Identification	Ø piston	Thread piston rod
K- 07 15 21 40	8 - 10 mm	M 4
K- 07 15 21 41	12 - 16 mm / 16 mm	M 6

**Web:** <http://cat.hansa-flex.com/en/KKOLSTMUTTERN>

**K-FLANSCHBEFESTIGUNGEN1**

Flange model

**Standard:** ISO 6432



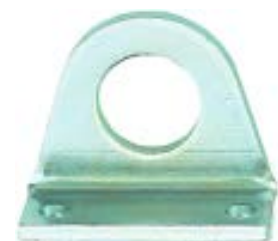
Identification	Ø piston	Design
K- 07 15 21 18	8 - 10 mm	One flange
K- 07 15 21 19	12 - 16 mm / 16 mm	One flange
K- 07 15 21 20	20 - 25 mm / 20 - 25 mm	One flange

**Web:** <http://cat.hansa-flex.com/en/KFLANSCHBEFESTIGUNGEN1>

**K-FUSSBEFESTIGUNG 5**

Foot model

**Standard:** ISO 6432



Identification	Ø piston	Design
K- 07 15 21 21	8 - 10 mm	One flange
K- 07 15 21 22	12 - 16 mm / 16 mm	One flange
K- 07 15 21 23	20 - 25 mm / 20 - 25 mm	One flange

**Web:** <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNG5>

**K-KOPFMUTTER DECKEL BODEN 2**

Hexagon nut (for head)



Identification	Ø piston	Thread
K-07 15 21 28	8 - 10 mm	M 12 x 1.25
K-07 15 21 29	12 - 16 mm / 16 mm	M 16 x 1.5
K-07 15 21 30	20 - 25 mm / 20 - 25 mm	M 22 x 1.5

**Web:** <http://cat.hansa-flex.com/en/KKOPFMUTTERDECKELBODEN2>

**K-GABELKOEPFE 3**

Fork model



Identification	Ø piston	Design	Thread piston rod
K-07 15 21 26	8 - 10 mm	With hinged spring pin	M 4
K-07 15 21 60	12 - 16 mm / 16 mm	With hinged spring pin	M 6

**Web:** <http://cat.hansa-flex.com/en/KGABELKOEPF3>

**K-SCHWENKLAGER 1**

Counter-hinge model



Identification	Ø piston	Ø pin mm
K-07 15 21 25	8 - 10 mm	4,5
K-07 15 21 53	12 - 16 mm / 16 mm	5,5

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKLAGER1>

**K-GELENTKAUGEN 2**

Rod eye model



Identification	Ø piston	Thread piston rod
K-07 15 21 27	8 - 10 mm	M 4
K-07 15 21 62	12 - 16 mm / 16 mm	M 6

**Web:** <http://cat.hansa-flex.com/en/KGELENTKAUGEN2>

**K-RUNDZYLINDER DOPP O D 1**

Round cylinders, double acting (magnetic, non-cushioned)

Version with magnetic piston

**Media:** Filtered (50 µm), unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. 10 bar

**Set pressure:** 0,4 bar (Ø 32 und Ø 40), 0,3 bar (Ø 50)

**Temp. range:** -10 °C to +80 °C

**Design:** Screwed joint between stainless steel barrel and heads

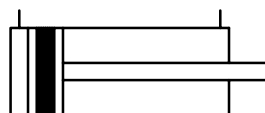
**Piston rod:** C45 steel, hard chrome-plated

**Pipe:** Anodised aluminium

**Piston:** Technopolymer

**Sealant:** NBR

**Note:** Further information on request



**Ordering information:** Note: 500 mm is the maximum stroke available for the double-acting type.

Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 17 29	32 mm	25	G 1/8	M 10 x 1.25
K-07 15 17 30	32 mm	50	G 1/8	M 10 x 1.25
K-07 15 17 31	32 mm	80	G 1/8	M 10 x 1.25
K-07 15 17 32	32 mm	100	G 1/8	M 10 x 1.25
K-07 15 17 33	32 mm	125	G 1/8	M 10 x 1.25
K-07 15 17 34	32 mm	160	G 1/8	M 10 x 1.25
K-07 15 17 35	32 mm	200	G 1/8	M 10 x 1.25
K-07 15 17 36	32 mm	250	G 1/8	M 10 x 1.25
K-07 15 17 37	32 mm	320	G 1/8	M 10 x 1.25
K-07 15 17 38	32 mm	400	G 1/8	M 10 x 1.25
K-07 15 17 39	32 mm	500	G 1/8	M 10 x 1.25
K-07 15 17 40	40 mm	25	G 1/4	M 12 x 1.25
K-07 15 17 41	40 mm	50	G 1/4	M 12 x 1.25
K-07 15 17 42	40 mm	80	G 1/4	M 12 x 1.25
K-07 15 17 43	40 mm	100	G 1/4	M 12 x 1.25
K-07 15 17 44	40 mm	125	G 1/4	M 12 x 1.25
K-07 15 17 45	40 mm	160	G 1/4	M 12 x 1.25
K-07 15 17 46	40 mm	200	G 1/4	M 12 x 1.25
K-07 15 17 47	40 mm	250	G 1/4	M 12 x 1.25
K-07 15 17 48	40 mm	320	G 1/4	M 12 x 1.25
K-07 15 17 49	40 mm	400	G 1/4	M 12 x 1.25
K-07 15 17 50	40 mm	500	G 1/4	M 12 x 1.25
K-07 15 17 51	50 mm	25	G 1/4	M 16 x 1.5
K-07 15 17 52	50 mm	50	G 1/4	M 16 x 1.5
K-07 15 17 53	50 mm	80	G 1/4	M 16 x 1.5
K-07 15 17 54	50 mm	100	G 1/4	M 16 x 1.5
K-07 15 17 55	50 mm	125	G 1/4	M 16 x 1.5
K-07 15 17 56	50 mm	160	G 1/4	M 16 x 1.5
K-07 15 17 57	50 mm	200	G 1/4	M 16 x 1.5
K-07 15 17 58	50 mm	250	G 1/4	M 16 x 1.5
K-07 15 17 59	50 mm	320	G 1/4	M 16 x 1.5

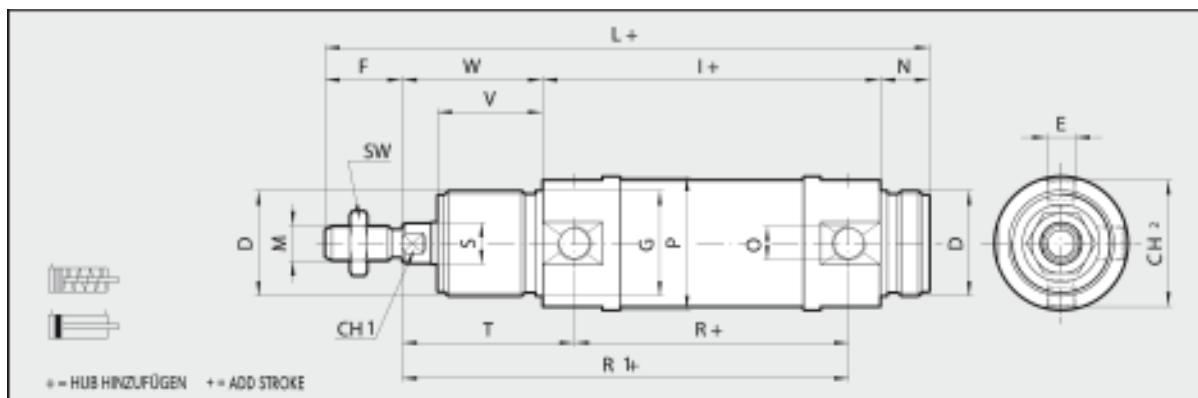


**K-RUNDZYLINDER DOPP O D 1**

(Continued)

Round cylinders, double acting (magnetic, non-cushioned)

Identification	Ø piston	stroke	Connection	Thread piston rod
K-07 15 17 60	50 mm	400	G 1/4	M 16 x 1.5
K-07 15 17 61	50 mm	500	G 1/4	M 16 x 1.5



Ø	D	E	F	Ø G	CH1	I	L	M	N	Ø	ØP	R	ØS	SW	T	CH2	V	W	L1
32	M30x1.5	M8x1	22	30	10	96	172	M10x1.25	14	G1/8	38	78	12	17	49	36	30	40	220
40	M38x1.5	M10x1	24	38	13	113	198	M12x1.25	16	G1/4	46	89	16	19	57	43	35	45	251
50	M45x1.5	M12x1.5	32	45	17	120	220	M16x1.5	18	G1/4	57	96	20	24	62	54	38	50	284

Minimum	Stroke	Max.	I			L			R1			L1		
Minimal	Hub	Maximal	Ø 32	Ø 40	Ø 50	Ø 32	Ø 40	Ø 50	Ø 32	Ø 40	Ø 50	Ø 32	Ø 40	Ø 50
0	<C?	50	96	113	120	172	198	220	127	146	158	220	251	284
50	<C?	100	125	145.5	155.5	201	230.5	255.5	156	178.5	193.5	249	283.5	319.5
100	<C?	150	154	178	191	230	263	291	185	211	229	278	316	355
150	<C?	200	183	210.5	226.5	259	295.5	326.5	214	243.5	264.5	307	348.5	390.5
200	<C?	250	212	243	262	288	328	362	243	276	300	336	381	426

Für weitere Maße vorstehende Tabelle anwenden. Ausnahme T und R<sub>1</sub> sind beinhaltet in R<sub>1</sub>.Web: <http://cat.hansa-flex.com/en/KRUNDZYLINDERDOPPOD1>**Accessories:**

- K-FUSSBEFESTIGUNG 2 - Foot model
- K-KOPFMUTTER DECKEL BODEN - Hexagon nut (for head)
- K-GABELKOEPF 4 - Fork model
- K-GELENKAUGEN 5 - Rod eye model
- K-SCHWENKLAGER 2 - Counter-hinge model
- K-SENSORHALTER - Sensor support (with T-slot adapter)
- K-SENSOREN T-NUT 1 - Sensor for T-slot

**K-GABELKOEPF 2**

Fork model



Identification	Ø piston	Design	Thread piston rod
K-07 15 21 99	50 mm / 50 - 63 mm / 80 - 100 mm	With hinged spring pin	M 16 x 1.5

Web: <http://cat.hansa-flex.com/en/KGABELKOEPF2>



**K-AUSGLEICHKUPPLUNGEN 1**

Self-aligning rod coupler



Identification	Ø piston	Thread piston rod
K- 07 15 21 78	32 mm / 32 mm / 32 - 40 mm	M 10 x 1.25

**Web:** <http://cat.hansa-flex.com/en/KAUSGLEICHKUPPLUNGEN1>

**K-GELENKAUGEN 4**

Rod eye model



Identification	Ø piston	Thread piston rod
K- 07 15 21 93	40 mm / 40 mm / 50 - 63 mm	M 12 x 1.25

**Web:** <http://cat.hansa-flex.com/en/KGELENKAUGEN4>

**K-SCHWENKLAGER 2**

Counter-hinge model

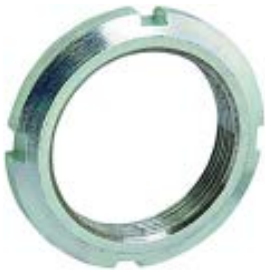


Identification	Ø piston	Design
K- 07 15 21 37	32 mm	With two pins and Snap rings
K- 07 15 21 38	40 mm	With two pins and Snap rings
K- 07 15 21 39	50 mm	With two pins and Snap rings

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKLAGER2>

**K-KOPFMUTTER DECKEL BODEN**

Hexagon nut (for head)



Identification	Ø piston	Thread
K-07 15 21 44	32 mm	M 30 x 1,5
K-07 15 21 45	40 mm	M 38 x 1,5
K-07 15 21 46	50 mm	M 45 x 1,5

**Web:** <http://cat.hansa-flex.com/en/KKOPFMUTTERDECKELBODEN>

**K-FUSSBEFESTIGUNG 2**

Foot model

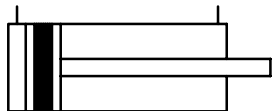


Identification	Ø piston	Design
K-07 15 21 34	32 mm	One flange
K-07 15 21 35	40 mm	One flange
K-07 15 21 36	50 mm	One flange

**Web:** <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNG2>

**K-KURZH ZYL DOPPELW ACP**

Short-stroke cylinders, double acting (magnetic, non-cushioned)



Suitable for installation in limited spaces, with magnet.

**Media:** Filtered compressed air, lubricated (ensure continuity) or unlubricated

**Operating pressure:** Max. 10 bar

**Set pressure:** 0,6 bar (Ø 12 bis Ø 32), 0,4 bar (Ø 40 bis Ø 80)

**Temp. range:** -10 °C to +80 °C

**Piston rod:** C45 steel, hard chrome-plated

**Pipe:** Aluminium alloy, anodised

**head diameter:** Ø 12 to Ø 25 painted brass, Ø 32 to Ø 80 aluminium

**Piston:** Ø 12 to Ø 63 synthetic (acetal) resin, Ø 80 alu/PTFE

**Piston rod seal:** NBR (additional charge for PU and FKM)

**Piston seal:** NBR (additional charge for PU and FKM)

**Note:** Further information on request

Identification	Ø piston	stroke	Connection	thread internal piston rod
K-07 15 11 31	12 mm	5	M 5	M 3
K-07 15 11 32	12 mm	10	M 5	M 3
K-07 15 11 33	12 mm	25	M 5	M 3
K-07 15 11 34	12 mm	30	M 5	M 3
K-07 15 11 35	12 mm	40	M 5	M 3
K-07 15 11 36	16 mm	5	M 5	M 5
K-07 15 11 37	16 mm	10	M 5	M 5
K-07 15 11 38	16 mm	25	M 5	M 5



(Continued)

K-KURZH ZYL DOPPELW ACP

## Short-stroke cylinders, double acting (magnetic, non-cushioned)

Identification	Ø piston	stroke	Connection	thread internal piston rod
K-07 15 11 39	16 mm	30	M 5	M 5
K-07 15 11 40	16 mm	40	M 5	M 5
K-07 15 11 41	20 mm	5	M 5	M 5
K-07 15 11 42	20 mm	10	M 5	M 5
K-07 15 11 43	20 mm	25	M 5	M 5
K-07 15 11 44	20 mm	30	M 5	M 5
K-07 15 11 45	20 mm	40	M 5	M 5
K-07 15 11 46	20 mm	50	M 5	M 5
K-07 15 11 47	25 mm	5	G 1/8	M 5
K-07 15 11 48	25 mm	10	G 1/8	M 5
K-07 15 11 49	25 mm	25	G 1/8	M 5
K-07 15 11 50	25 mm	30	G 1/8	M 5
K-07 15 11 51	25 mm	40	G 1/8	M 5
K-07 15 11 52	25 mm	50	G 1/8	M 5
K-07 15 11 53	32 mm	5	G 1/8	M 6
K-07 15 11 54	32 mm	10	G 1/8	M 6
K-07 15 11 55	32 mm	25	G 1/8	M 6
K-07 15 11 56	32 mm	30	G 1/8	M 6
K-07 15 11 57	32 mm	40	G 1/8	M 6
K-07 15 11 58	32 mm	50	G 1/8	M 6
K-07 15 11 59	40 mm	5	G 1/8	M 6
K-07 15 11 60	40 mm	10	G 1/8	M 6
K-07 15 11 61	40 mm	25	G 1/8	M 6
K-07 15 11 62	40 mm	30	G 1/8	M 6
K-07 15 11 63	40 mm	40	G 1/8	M 6
K-07 15 11 64	40 mm	50	G 1/8	M 6
K-07 15 11 65	50 mm	5	G 1/8	M 8
K-07 15 11 66	50 mm	10	G 1/8	M 8
K-07 15 11 67	50 mm	25	G 1/8	M 8
K-07 15 11 68	50 mm	30	G 1/8	M 8
K-07 15 11 69	50 mm	40	G 1/8	M 8
K-07 15 11 70	50 mm	50	G 1/8	M 8
K-07 15 11 71	50 mm	70	G 1/8	M 8
K-07 15 11 72	63 mm	5	G 1/8	M 8
K-07 15 11 73	63 mm	10	G 1/8	M 8
K-07 15 11 74	63 mm	25	G 1/8	M 8
K-07 15 11 75	63 mm	30	G 1/8	M 8
K-07 15 11 76	63 mm	40	G 1/8	M 8
K-07 15 11 77	63 mm	50	G 1/8	M 8
K-07 15 11 78	63 mm	70	G 1/8	M 8
K-07 15 11 79	80 mm	5	G 1/4	M 10
K-07 15 11 80	80 mm	10	G 1/4	M 10
K-07 15 11 81	80 mm	25	G 1/4	M 10
K-07 15 11 82	80 mm	30	G 1/4	M 10
K-07 15 11 83	80 mm	40	G 1/4	M 10
K-07 15 11 84	80 mm	50	G 1/4	M 10
K-07 15 11 85	80 mm	70	G 1/4	M 10
K-07 15 11 86	80 mm	100	G 1/4	M 10

**Web:** <http://cat.hansa-flex.com/en/KKURZHZYLDOPPELWACP>

**Accessories:**

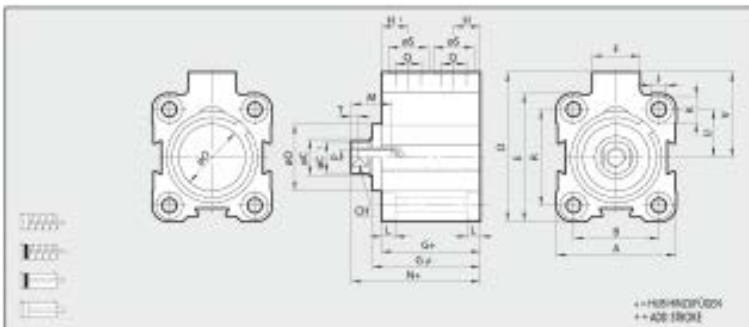
**K-MAGNETSENSOREN-REED** - Reed magnetic sensor (incl. 2.5 m cable)



**K-KURZH ZYL DOPPELW ACP**

(Continued)

Short-stroke cylinders, double acting (magnetic, non-cushioned)



**AUSFÜHRUNG DOPPELTWIRKEND DIMENSIONS OF DOUBLE-ACTING VERSION**

Ø	B	W	ØC	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
12	22,5	11	5	5,5	28	28	11	22,5	6,5	18,5	1,7	6	1,7	7	28	18	18	5	2	8,5	10,5	10,5
16	28	15	7,5	7,5	33	33	11	28	6,7	18,5	1,7	6	1,7	7	27,5	18	18	5	2	10	12	12
20	32	17	9	9	37	37	11	32	6,5	18,5	1,7	6	1,7	7	28,5	18	18	5	2	11	13	13
25	37	19	10	10	42	42	11	37	6,5	18,5	1,7	6	1,7	7	29	18	18	5	2	12	14	14
32	46	24	12	12	50	50	11	46	6,5	18,5	1,7	6	1,7	7	29,5	18	18	5	2	14	16	16
40	54,5	30	15	15	60	60	11	54,5	6,7	18,5	1,7	6	1,7	7	30	18	18	5	2	16	18	18
50	68	36	18	18	73	73	11	68	6,7	18,5	1,7	6	1,7	7	31,5	18	18	5	2	18	20	20
63	83	42	18	18	88	88	11	83	6,7	18,5	1,7	6	1,7	7	32,5	18	18	5	2	20	22	22
80	100	50	20	20	108	108	11	100	6,7	18,5	1,7	6	1,7	7	34	18	18	5	2	22	24	24
100	124	60	25	24	134	134	11	124	6,7	18,5	1,7	6	1,7	7	36	18	18	5	2	24	26	26

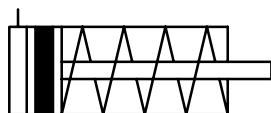
**AUSFÜHRUNG EINFACHWIRKEND, FEDER AN DER KOLBENSTANGENSEITE DIMENSIONS OF SINGLE-ACTING VERSION, RETRACTED PISTON ROD**

Ø	HUB	A	B	ØC	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
12	5-25	21,8	11	5	5,5	28	28	11	22,5	6,5	18,5	1,7	6	1,7	7	28	18	18	5	2	8,5	10,5	10,5
16	5-25	28	15	7,5	7,5	33	33	11	28	6,7	18,5	1,7	6	1,7	7	27,5	18	18	5	2	10	12	12
20	5-25	32	17	9	9	37	37	11	32	6,5	18,5	1,7	6	1,7	7	28,5	18	18	5	2	11	13	13
25	5-25	37	19	10	10	42	42	11	37	6,5	18,5	1,7	6	1,7	7	29	18	18	5	2	12	14	14
32	5-25	46	24	12	12	50	50	11	46	6,5	18,5	1,7	6	1,7	7	29,5	18	18	5	2	14	16	16
40	5-25	54,5	30	15	15	60	60	11	54,5	6,7	18,5	1,7	6	1,7	7	30	18	18	5	2	16	18	18
50	5-25	68	36	18	18	73	73	11	68	6,7	18,5	1,7	6	1,7	7	31,5	18	18	5	2	18	20	20
63	5-25	83	42	18	18	88	88	11	83	6,7	18,5	1,7	6	1,7	7	32,5	18	18	5	2	20	22	22
80	5-25	100	50	20	20	108	108	11	100	6,7	18,5	1,7	6	1,7	7	34	18	18	5	2	22	24	24
100	5-25	124	60	25	24	134	134	11	124	6,7	18,5	1,7	6	1,7	7	36	18	18	5	2	24	26	26

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**K-KURZH ZYL EINFACHW**

Short-stroke cylinders, single-acting (magnetic)



- Suitable for installation in limited spaces, with magnet.
- Media:** Filtered compressed air, lubricated (ensure continuity) or unlubricated
- Operating pressure:** Max. 10 bar
- Set pressure:** 0,6 bar (Ø 12 bis Ø 32), 0,4 bar (Ø 40 bis Ø 80)
- Temp. range:** -10 °C to +80 °C
- Piston rod:** C45 steel, hard chrome-plated
- Pipe:** Aluminium alloy, anodised
- head diameter:** Ø 12 to Ø 25 painted brass, Ø 32 to Ø 80 aluminium
- Piston:** Ø 12 to Ø 63 synthetic (acetal) resin, Ø 80 alu/PTFE
- Piston rod seal:** NBR (additional charge for PU and FKM)
- Piston seal:** NBR (additional charge for PU and FKM)

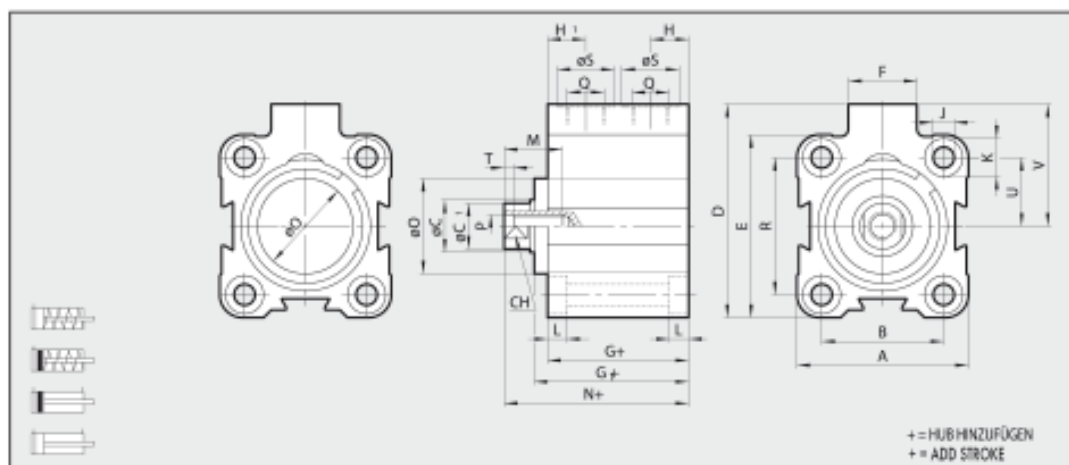
**Note:** Further information on request

Identification	Ø piston	stroke	Connection	thread internal piston rod
K-07 15 11 87	12 mm	10	M 5	M 3
K-07 15 11 88	12 mm	25	M 5	M 3
K-07 15 11 89	16 mm	10	M 5	M 5
K-07 15 11 90	16 mm	25	M 5	M 5
K-07 15 11 91	20 mm	10	M 5	M 5
K-07 15 11 92	20 mm	25	M 5	M 5
K-07 15 11 93	25 mm	10	G 1/8	M 5
K-07 15 11 94	25 mm	25	G 1/8	M 5
K-07 15 11 95	32 mm	10	G 1/8	M 6
K-07 15 11 96	32 mm	25	G 1/8	M 6
K-07 15 11 97	40 mm	10	G 1/8	M 6
K-07 15 11 98	40 mm	25	G 1/8	M 6
K-07 15 11 99	50 mm	25	G 1/8	M 8
K-07 15 12 00	63 mm	25	G 1/8	M 8

(Continued)

K-KURZH ZYL EINFACHW

Short-stroke cylinders, single-acting (magnetic)



AUSFÜHRUNG DOPPELTWIRKEND DIMENSIONS OF DOUBLE-ACTING VERSION

Ø	A	B	eC	eC <sub>1</sub>	D	E	F	G	G <sub>1</sub>	H	H <sub>1</sub>	J	K	L	M	N	eD	P	Q	R	eS	CH	T	U	V
12	23.5	13	6	5.5	28	26	11	32.5		6.5	10.5	3.7	6	3.7	7	38	M3	M5		8	5	2	9.5	16.5	
16	28	20	8	7.5	33	28	11	33		6.7	10.5	3.7	6	3.7	10	37.5	M5	M5	20	8	7	2	10	19	
20	32	22	10	9	37	32	11	32		6.5	10.5	4.6	7.5	4.6	10	36.5	M5	M5	22	8	8	2	11	21	
25	37	26	10	9	47.5	39	18	33	36.5	8.5	8.5	4.6	7.5	4.6	10	42.5	20	M5	G1/8	28	15	8	2	14	28
32	45	32	12	11	56	48	18	37	40.8	10	10	5.5	10	5.7	15	48.3	25	M6	G1/8	36	15	10	2.5	18	32
40	54.5	40	12	11	62.7	54.5	18	39.5	44.7	10	10	5.5	10	5.7	15	53.2	30	M6	G1/8	40	15	10	2.5	20	35.5
50	66	50	16	15	73	66	18	39.5	46.2	11	11	6.6	11	6.8	18	53.2	35	M8	G1/8	50	15	13	3.5	25	40
63	80	62	16	15	88	80	23	42	48.7	12	12	9	15	9	18	57.7	35	M8	G1/8	62	15	13	3.5	31	48
80	100	82	20	19	110	100	26	57	67.2	14	14	9	15	9	18	75.2	44	M10	G1/4	82	19	17	4	41	60
100	124	103	25	24	134	124	26	64	74.7	15	15	11	18	11	20	84.3	56	M12	G1/4	103	19	22	5	51.5	72

AUSFÜHRUNG EINFACHWIRKEND, FEDER AN DER KOLBENSTANGENSEITE  
DIMENSIONS OF SINGLE-ACTING VERSION, RETRACTED PISTON ROD

Ø	Hub	A	B	eC	eC <sub>1</sub>	D	E	F	G	G <sub>1</sub>	H	H <sub>1</sub>	J	K	L	M	N	eD	P	Q	R	eS	CH	T	U	V	
12	5+25	23.5	13	6	5.5	28	26	11	32.5		6.5	10.5	3.7	6	3.7	7	38	M3	M5		8	5	2	9.5	16.5		
16	5+25	28	20	8	7.5	33	28	11	33		6.7	10.5	3.7	6	3.7	10	37.5	M5	M5	20	8	7	2	10	19		
20	5+25	32	22	10	9	37	32	11	32		6.5	10.5	4.6	7.5	4.6	10	36.5	M5	M5	22	8	8	2	11	21		
25	5+25	37	26	10	9	47.5	39	18	33	36.5	8.5	8.5	4.6	7.5	4.6	10	42.5	20	M5	G1/8	28	15	8	2	14	28	
32	5+25	45	32	12	11	56	48	18	37	40.8	10	10	5.5	10	5.7	15	48.3	25	M6	G1/8	36	15	10	2.5	18	32	
	>25+50								45	48.8							56.3										
40	5+25	54.5	40	12	11	62.7	54.5	18	39.5	44.7	10	10	5.5	10	5.7	15	53.2	30	M6	G1/8	40	15	10	2.5	20	35.5	
	>25+50								47.5	52.7							61.2										
50	5+25	66	50	16	15	73	66	18	39.5	46.2	11	11	6.6	11	6.8	18	53.2	35	M8	G1/8	50	15	13	3.5	25	40	
	>25+50								47.5	54.2							61.2										
63	5+25	80	62	16	15	88	80	23	42	48.7	12	12	9	15	9	18	57.7	35	M8	G1/8	62	15	13	3.5	31	48	
	>25+50								50	56.7							65.7										

Web: <http://cat.hansa-flex.com/en/KKURZHZYLEINFACHW>

## Accessories:

K-MAGNETSENSOREN-REED - Reed magnetic sensor (incl. 2.5 m cable)

## K-MAGNETSENSOREN-REED

Reed magnetic sensor (incl. 2.5 m cable)



## Identification

K-07 15 21 31

## Ø piston

12 - 80 mm

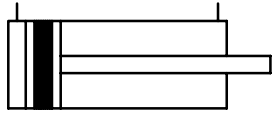
## Designation

Magnetic Reed sensors (incl. 2,5 m cable)

Web: <http://cat.hansa-flex.com/en/KMAGNETSENSORENREED>

**K-KOMP ZYL DOPPELW IG**

Compact cylinders, double-acting (with magnet), non-cushioned, female piston rod



New series acc. to ISO 21287 characterised by a very short and compact design. The standard type features a magnetic piston. Piston rod optionally with male or female thread.

<b>Media:</b>	Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
<b>Working pressure:</b>	Max. 10 bar
<b>Set pressure:</b>	0,6 bar (Ø 20 bis Ø 32), 0,4 bar (Ø 40 bis Ø 100)
<b>Temp. range:</b>	-10 °C to +60 °C (Ø 20 to Ø 63), -10 °C to +80 °C (Ø 80 bis Ø 100)
<b>Piston rod:</b>	C45 steel, hard chrome-plated
<b>Pipe:</b>	Anodised aluminium jacket with T-slots
<b>Piston:</b>	POM (Ø 20 to Ø 63); Aluminium (Ø 80 to Ø 100)
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Ø piston	stroke	Connection	thread internal piston rod	Identification	Ø piston	stroke	Connection	thread internal piston rod
K-07 15 08 87	20 mm	5	M 5	M 6	K-07 15 09 26	50 mm	10	G 1/8	M 10
K-07 15 08 88	20 mm	10	M 5	M 6	K-07 15 09 27	50 mm	15	G 1/8	M 10
K-07 15 08 89	20 mm	15	M 5	M 6	K-07 15 09 28	50 mm	20	G 1/8	M 10
K-07 15 08 90	20 mm	20	M 5	M 6	K-07 15 09 29	50 mm	25	G 1/8	M 10
K-07 15 08 91	20 mm	25	M 5	M 6	K-07 15 09 30	50 mm	30	G 1/8	M 10
K-07 15 08 92	20 mm	30	M 5	M 6	K-07 15 09 31	50 mm	40	G 1/8	M 10
K-07 15 08 93	20 mm	40	M 5	M 6	K-07 15 09 32	50 mm	50	G 1/8	M 10
K-07 15 08 94	20 mm	50	M 5	M 6	K-07 15 09 33	50 mm	60	G 1/8	M 10
K-07 15 08 95	20 mm	60	M 5	M 6	K-07 15 09 34	50 mm	80	G 1/8	M 10
K-07 15 08 96	25 mm	5	M 5	M 6	K-07 15 09 35	63 mm	5	G 1/8	M 10
K-07 15 08 97	25 mm	10	M 5	M 6	K-07 15 09 36	63 mm	10	G 1/8	M 10
K-07 15 08 98	25 mm	15	M 5	M 6	K-07 15 09 37	63 mm	15	G 1/8	M 10
K-07 15 08 99	25 mm	20	M 5	M 6	K-07 15 09 38	63 mm	20	G 1/8	M 10
K-07 15 09 00	25 mm	25	M 5	M 6	K-07 15 09 39	63 mm	25	G 1/8	M 10
K-07 15 09 01	25 mm	30	M 5	M 6	K-07 15 09 40	63 mm	30	G 1/8	M 10
K-07 15 09 02	25 mm	40	M 5	M 6	K-07 15 09 41	63 mm	40	G 1/8	M 10
K-07 15 09 03	25 mm	50	M 5	M 6	K-07 15 09 42	63 mm	50	G 1/8	M 10
K-07 15 09 04	25 mm	60	M 5	M 6	K-07 15 09 43	63 mm	60	G 1/8	M 10
K-07 15 09 05	32 mm	5	G 1/8	M 8	K-07 15 09 44	63 mm	80	G 1/8	M 10
K-07 15 09 06	32 mm	10	G 1/8	M 8	K-07 15 09 45	80 mm	5	G 1/8	M 12
K-07 15 09 07	32 mm	15	G 1/8	M 8	K-07 15 09 46	80 mm	10	G 1/8	M 12
K-07 15 09 08	32 mm	20	G 1/8	M 8	K-07 15 09 47	80 mm	15	G 1/8	M 12
K-07 15 09 09	32 mm	25	G 1/8	M 8	K-07 15 09 48	80 mm	20	G 1/8	M 12
K-07 15 09 10	32 mm	30	G 1/8	M 8	K-07 15 09 49	80 mm	25	G 1/8	M 12
K-07 15 09 11	32 mm	40	G 1/8	M 8	K-07 15 09 50	80 mm	30	G 1/8	M 12
K-07 15 09 12	32 mm	50	G 1/8	M 8	K-07 15 09 51	80 mm	40	G 1/8	M 12
K-07 15 09 13	32 mm	60	G 1/8	M 8	K-07 15 09 52	80 mm	50	G 1/8	M 12
K-07 15 09 14	32 mm	80	G 1/8	M 8	K-07 15 09 53	80 mm	60	G 1/8	M 12
K-07 15 09 15	40 mm	5	G 1/8	M 8	K-07 15 09 54	80 mm	80	G 1/8	M 12
K-07 15 09 16	40 mm	10	G 1/8	M 8	K-07 15 08 77	100 mm	5	G 1/8	M 12
K-07 15 09 17	40 mm	15	G 1/8	M 8	K-07 15 08 78	100 mm	10	G 1/8	M 12
K-07 15 09 18	40 mm	20	G 1/8	M 8	K-07 15 08 79	100 mm	15	G 1/8	M 12
K-07 15 09 19	40 mm	25	G 1/8	M 8	K-07 15 08 80	100 mm	20	G 1/8	M 12
K-07 15 09 20	40 mm	30	G 1/8	M 8	K-07 15 08 81	100 mm	25	G 1/8	M 12
K-07 15 09 21	40 mm	40	G 1/8	M 8	K-07 15 08 82	100 mm	30	G 1/8	M 12
K-07 15 09 22	40 mm	50	G 1/8	M 8	K-07 15 08 83	100 mm	40	G 1/8	M 12
K-07 15 09 23	40 mm	60	G 1/8	M 8	K-07 15 08 84	100 mm	50	G 1/8	M 12
K-07 15 09 24	40 mm	80	G 1/8	M 8	K-07 15 08 85	100 mm	60	G 1/8	M 12
K-07 15 09 25	50 mm	5	G 1/8	M 10	K-07 15 08 86	100 mm	80	G 1/8	M 12



(Continued)

**K-KOMP ZYL DOPPELW IG**

Compact cylinders, double-acting (with magnet), non-cushioned, female piston rod

**KOMPAKTZYLINDER LINER Ø20 BIS Ø50, DOPPELTWIRKEND, MIT INNEN- ODER AUßENGEWINDE**

+ = HUB HINZUFÜGEN  
 \* = BEREICH MIT TOLERANZ  
 1 = SENSORNUT  
 2 = SITZ FÜR SCHRAUBEN DIN 7984

**SE-DE AUßENGEWINDE**

**SE VERLÄNGERTE KOLBENSTANGEN**

**SE VERL. STANGE MIT AG**

	AF	AM	BG	CH	CH1	ØD1 <sup>1)</sup>	D5	E	E1	EE	KF	KK	LA	ØMM	PL	ØRR	RT	T2	TG <sup>0.2</sup>	WH	ZA <sup>0.3</sup>	ZB
Ø 20	14	16	17.5	8	13	6	7.5	35.5	36.5	M5	M6	M8	4.2	10	12	4.2	M5	3	22	6	37	43
Ø 25	14	16	17.5	8	13	6	7.5	39.5	40	M5	M6	M8	4.2	10	13	4.2	M5	3.5	26	6	39	45
Ø 32	16.5	19	21.5	10	17	6	9	47	48.2	G1/8	M8	M10x1.25	4	12	16	5.1	M6	4	32.5	7	44	51
Ø 40	16.5	19	21.5	10	17	6	9	55.5	56.5	G1/8	M8	M10x1.25	4	12	16	5.1	M6	4	38	7	45	52
Ø 50	17	22	21	13	19	6	10.5	66.5	67.8	G1/8	M10	M12x1.25	4.5	16	15.5	6.8	M8	3	46.5	8	45	53

**KOMPAKTZYLINDER LINER Ø63 BIS Ø100, DOPPELTWIRKEND, MIT INNEN ODER AUßENGEWINDE**

+ = HUB HINZUFÜGEN  
 \* = BEREICH MIT TOLERANZ  
 1 = SENSORNUT  
 2 = SITZ FÜR SCHRAUBEN DIN 7984

**SE-DE AUßENGEWINDE**

**SE VERLÄNGERTE KOLBENSTANGEN**

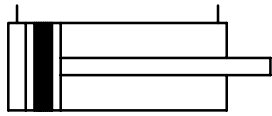
**SE VERL. STANGE MIT AG**

	AF	AM	BG	CH	CH1	ØD1 <sup>1)</sup>	ØD5	E	E1	EE	KF	KK	LA	ØMM	PL1	PL	ØRR	RT	T2	TG <sup>0.2</sup>	WH	ZA <sup>0.4</sup>	ZB
Ø 63	17	22	21	13	19	8	10.5	76.5	78.3	G1/8	M10	M12x1.25	4.5	16	8	15.5	6.8	M8	3.5	56.5	8	49	57
Ø 80	22	28	22.5	17	24	8	14	95.5	95.5	G1/8	M12	M16x1.5	5	20	14	16.5	8.5	M10	4	72	10	54	64
Ø 100	24	28	22.5	22	30	8	14	114	114	G1/8	M12	M16x1.5	5	25	19	19.2	8.5	M10	4	89	10	67	77



**K-KOMP ZYL DOPPELW AG**

Compact cylinders, double-acting (with magnet), non-cushioned, male piston rod



New series acc. to ISO 21287 characterised by a very short and compact design. The standard type features a magnetic piston. Piston rod optionally with male or female thread.

<b>Media:</b>	Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
<b>Working pressure:</b>	Max. 10 bar
<b>Set pressure:</b>	0,6 bar (Ø 20 bis Ø 32), 0,4 bar (Ø 40 bis Ø 100)
<b>Temp. range:</b>	-10 °C to +60 °C (Ø 20 to Ø 63), -10 °C to +80 °C (Ø 80 bis Ø 100)
<b>Piston rod:</b>	C45 steel, hard chrome-plated
<b>Pipe:</b>	Anodised aluminium jacket with T-slots
<b>Piston:</b>	POM (Ø 20 to Ø 63); Aluminium (Ø 80 to Ø 100)
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Ø piston	stroke	Connection	Piston rod thread	Identification	Ø piston	stroke	Connection	Piston rod thread
K-07 15 08 09	20 mm	5	M 5	M 8	K-07 15 08 48	50 mm	10	G 1/8	M 12 x 1.25
K-07 15 08 10	20 mm	10	M 5	M 8	K-07 15 08 49	50 mm	15	G 1/8	M 12 x 1.25
K-07 15 08 11	20 mm	15	M 5	M 8	K-07 15 08 50	50 mm	20	G 1/8	M 12 x 1.25
K-07 15 08 12	20 mm	20	M 5	M 8	K-07 15 08 51	50 mm	25	G 1/8	M 12 x 1.25
K-07 15 08 13	20 mm	25	M 5	M 8	K-07 15 08 52	50 mm	30	G 1/8	M 12 x 1.25
K-07 15 08 14	20 mm	30	M 5	M 8	K-07 15 08 53	50 mm	40	G 1/8	M 12 x 1.25
K-07 15 08 15	20 mm	40	M 5	M 8	K-07 15 08 54	50 mm	50	G 1/8	M 12 x 1.25
K-07 15 08 16	20 mm	50	M 5	M 8	K-07 15 08 55	50 mm	60	G 1/8	M 12 x 1.25
K-07 15 08 17	20 mm	60	M 5	M 8	K-07 15 08 56	50 mm	80	G 1/8	M 12 x 1.25
K-07 15 08 18	25 mm	5	M 5	M 8	K-07 15 08 57	63 mm	5	G 1/8	M 12 x 1.25
K-07 15 08 19	25 mm	10	M 5	M 8	K-07 15 08 58	63 mm	10	G 1/8	M 12 x 1.25
K-07 15 08 20	25 mm	15	M 5	M 8	K-07 15 08 59	63 mm	15	G 1/8	M 12 x 1.25
K-07 15 08 21	25 mm	20	M 5	M 8	K-07 15 08 60	63 mm	20	G 1/8	M 12 x 1.25
K-07 15 08 22	25 mm	25	M 5	M 8	K-07 15 08 61	63 mm	25	G 1/8	M 12 x 1.25
K-07 15 08 23	25 mm	30	M 5	M 8	K-07 15 08 62	63 mm	30	G 1/8	M 12 x 1.25
K-07 15 08 24	25 mm	40	M 5	M 8	K-07 15 08 63	63 mm	40	G 1/8	M 12 x 1.25
K-07 15 08 25	25 mm	50	M 5	M 8	K-07 15 08 64	63 mm	50	G 1/8	M 12 x 1.25
K-07 15 08 26	25 mm	60	M 5	M 8	K-07 15 08 65	63 mm	60	G 1/8	M 12 x 1.25
K-07 15 08 27	32 mm	5	G 1/8	M 10 x 1.25	K-07 15 08 66	63 mm	80	G 1/8	M 12 x 1.25
K-07 15 08 28	32 mm	10	G 1/8	M 10 x 1.25	K-07 15 08 67	80 mm	5	G 1/8	M 16 x 1.5
K-07 15 08 29	32 mm	15	G 1/8	M 10 x 1.25	K-07 15 08 68	80 mm	10	G 1/8	M 16 x 1.5
K-07 15 08 30	32 mm	20	G 1/8	M 10 x 1.25	K-07 15 08 69	80 mm	15	G 1/8	M 16 x 1.5
K-07 15 08 31	32 mm	25	G 1/8	M 10 x 1.25	K-07 15 08 70	80 mm	20	G 1/8	M 16 x 1.5
K-07 15 08 32	32 mm	30	G 1/8	M 10 x 1.25	K-07 15 08 71	80 mm	25	G 1/8	M 16 x 1.5
K-07 15 08 33	32 mm	40	G 1/8	M 10 x 1.25	K-07 15 08 72	80 mm	30	G 1/8	M 16 x 1.5
K-07 15 08 34	32 mm	50	G 1/8	M 10 x 1.25	K-07 15 08 73	80 mm	40	G 1/8	M 16 x 1.5
K-07 15 08 35	32 mm	60	G 1/8	M 10 x 1.25	K-07 15 08 74	80 mm	50	G 1/8	M 16 x 1.5
K-07 15 08 36	32 mm	80	G 1/8	M 10 x 1.25	K-07 15 08 75	80 mm	60	G 1/8	M 16 x 1.5
K-07 15 08 37	40 mm	5	G 1/8	M 10 x 1.25	K-07 15 08 76	80 mm	80	G 1/8	M 16 x 1.5
K-07 15 08 38	40 mm	10	G 1/8	M 10 x 1.25	K-07 15 07 99	100 mm	5	G 1/8	M 16 x 1.5
K-07 15 08 39	40 mm	15	G 1/8	M 10 x 1.25	K-07 15 08 00	100 mm	10	G 1/8	M 16 x 1.5
K-07 15 08 40	40 mm	20	G 1/8	M 10 x 1.25	K-07 15 08 01	100 mm	15	G 1/8	M 16 x 1.5
K-07 15 08 41	40 mm	25	G 1/8	M 10 x 1.25	K-07 15 08 02	100 mm	20	G 1/8	M 16 x 1.5
K-07 15 08 42	40 mm	30	G 1/8	M 10 x 1.25	K-07 15 08 03	100 mm	25	G 1/8	M 16 x 1.5
K-07 15 08 43	40 mm	40	G 1/8	M 10 x 1.25	K-07 15 08 04	100 mm	30	G 1/8	M 16 x 1.5
K-07 15 08 44	40 mm	50	G 1/8	M 10 x 1.25	K-07 15 08 05	100 mm	40	G 1/8	M 16 x 1.5
K-07 15 08 45	40 mm	60	G 1/8	M 10 x 1.25	K-07 15 08 06	100 mm	50	G 1/8	M 16 x 1.5
K-07 15 08 46	40 mm	80	G 1/8	M 10 x 1.25	K-07 15 08 07	100 mm	60	G 1/8	M 16 x 1.5
K-07 15 08 47	50 mm	5	G 1/8	M 12 x 1.25	K-07 15 08 08	100 mm	80	G 1/8	M 16 x 1.5





(Continued)

**K-KOMP ZYL DOPPELW AG**

Compact cylinders, double-acting (with magnet), non-cushioned, male piston rod

**KOMPAKTZYLINDER LINER Ø20 BIS Ø50, DOPPELTWIRKEND, MIT INNEN- ODER AUßENGEWINDE**

Ø	AF	AM	BG	CP	CH	CH1	ØDP	ØS	E	E1	EE	ET	KK	LA	ØMM	PL	ØRK	RT	TE	TS**	WH	ZL	ZS
Ø20	14	16	17,3	8	11	4	7,5	32,5	34,3	M5	M4	M8	4,2	10	10	4,2	M5	3	20	4	27	41	
Ø25	16	18	19,3	8	11	4	7,5	39,5	40	M5	M4	M8	4,2	10	10	4,2	M5	3,3	24	4	29	41	
Ø31	16,5	19	21,3	10	17	4	8	47	48,2	G1/8	M4	M8	M10x1,25	4	12	16	S1	M6	4	20,5	7	44	S1
Ø40	16,5	19	21,3	10	17	4	8	52,5	56,5	G1/8	M4	M8	M10x1,25	4	12	16	S1	M6	4	28	7	45	S1
Ø50	17	22	23	12	19	4	10,5	64,5	67,8	G1/8	M4	M8	M12x1,25	4,5	16	15,5	G8	M8	3	46,5	8	45	S1

**KOMPAKTZYLINDER LINER Ø63 BIS Ø100, DOPPELTWIRKEND, MIT INNEN ODER AUßENGEWINDE**

Ø	AF	AM	BG	CP	CH	CH1	ØDP	ØS	E	E1	EE	ET	KK	LA	ØMM	PL	ØRK	RT	TE	TS**	WH	ZL	ZS	
Ø63	17	22	23	13	19	8	10,5	76,2	79,3	G1/8	M4	M8	M12x1,25	4,2	16	8	12,3	G8	M8	3,2	54,5	8	41	27
Ø80	20	25	26,5	17	24	8	14	95,2	99,2	G1/8	M4	M8	M16x1,5	5	20	14	14,3	G8	M10	4	72	10	54	24
Ø100	24	30	32,5	22	30	8	18	114	118	G1/8	M4	M8	M16x1,5	5	25	19	19,3	G8	M10	4	81	10	67	27

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**K-DICHTSAETZE 1**

Sets of gaskets (parts subject to wear)



Identification	Ø piston	Design
K-07 15 20 96	20 mm	PU seal
K-07 15 20 97	25 mm	PU seal
K-07 15 20 98	32 mm	PU seal
K-07 15 20 99	40 mm	PU seal
K-07 15 21 00	50 mm	PU seal
K-07 15 21 01	63 mm	PU seal



**K-DICHTSAETZE 1**

(Continued)

## Sets of gaskets (parts subject to wear)

Identification	Ø piston	Design
K-07 15 21 02	80 mm	PU seal
K-07 15 21 03	100 mm	PU seal

**Web:** <http://cat.hansa-flex.com/en/KDICHTSAETZE1>

**K-SENSOREN T-NUT 1**

## Sensor for T-slot



Identification	Design
K-07 15 20 89	Reed sensor, 2-wire, with 2.5 m cable length
K-07 15 20 90	Reed sensor, 2-wire, with M 8 plug (3-pin)
K-07 15 20 93	Hall sensor, 3-wire, with M 8 plug (3-pin)

**Web:** <http://cat.hansa-flex.com/en/KSENSORENTNUT1>

**K-KOLST MUTTERN 3**

## Rod nut



Identification	Ø piston	Thread piston rod
K-07 15 21 42	20 mm / 20 - 25 mm / 20 mm	M 8

**Web:** <http://cat.hansa-flex.com/en/KKOLSTMUTTERN3>

**K-AUSGLEICHKUPPLUNGEN 2**

Self-aligning rod coupler



Identification	Ø piston	Thread piston rod
K- 07 15 21 77	20 - 25 mm	M 8

**Web:** <http://cat.hansa-flex.com/en/KAUSGLEICHKUPPLUNGEN2>

**K-FRONT ODER BODENFLANSCH 1**

Front or rear flange

**Standard:** -



Identification	Ø piston	Design
K- 07 15 21 47	20 mm	With four screws
K- 07 15 21 48	25 mm	With four screws
K- 07 15 21 75	100 mm	With four screws



**Web:** <http://cat.hansa-flex.com/en/KFRONTODERBODENFLANSCH1>

**K-FUSSBEFESTIGUNG**

Foot model

**Standard:** ISO 21287



Identification	Ø piston	Design
K- 07 15 21 50	20 mm	One foot with two screws
K- 07 15 21 51	25 mm	One foot with two screws
K- 07 15 21 85	80 mm	One foot with two screws
K- 07 15 21 86	100 mm	One foot with two screws

**Web:** <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNG>

**K-SCHWENKAUGENBEFEST**

## Male hinge model



Standard: ISO 21287

Identification	Ø piston	Design
K-07 15 21 64	20 mm	With four screws and four washers
K-07 15 21 65	25 mm	With four screws and four washers

Web: <http://cat.hansa-flex.com/en/KSCHWENKAUGENBEFEST>**K-GELENKAUGEN 3**

## Rod eye model



Identification	Ø piston	Thread piston rod
K-07 15 21 63	20 mm / 20 - 25 mm / 20 mm	M 8

Web: <http://cat.hansa-flex.com/en/KGELENKAUGEN3>**K-GABELKOEPFE 5**

## Fork model



Identification	Ø piston	Design	Thread piston rod
K-07 15 21 61	20 mm / 20 - 25 mm / 20 mm	With hinged spring pin	M 8

Web: <http://cat.hansa-flex.com/en/KGABELKOEPFES>

## K-NORMZYLINDER

## Standard cylinders

These cylinders are ideal for a wide range of applications owing to their robust design and excellent value for money. The standard type has a double-acting cylinder and features a magnetic piston as well as integrated cushioning. The magnetic switches can be mounted in two T-slots on the same side as the compressed air supply.

Cylinders of the same type can also be supplied on request with fixing parts for magnetic switches on three sides.

The version with a 125 mm bore is provided with fixing accessories on three sides as standard.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. 10 bar

**Set pressure:** 0,4 bar (Ø 32 bis Ø 40), 0,3 bar (Ø 50 bis Ø 63), 0,2 bar (Ø 80 bis Ø 125)

**Temp. range:** -20 °C to +70 °C (Ø 32 to Ø 63), -10 °C to +70 °C (Ø 80 to Ø 125)

**Design:** Heads / jacket with self-tapping screws

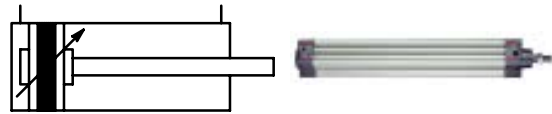
**Piston rod:** C45 steel, hard chrome-plated

**Pipe:** Anodised aluminium jacket with integrated T-slots

**Piston:** POM (Ø 20 to Ø 63); Aluminium (Ø 80 to Ø 125)

**Sealant:** NBR

**Note:** Further information on request



Identification	Ø piston	stroke	Connection	Ø piston rod mm	Piston rod thread
K-07 15 15 90	32 mm	25	G 1/8	12	M 10 x 1.25
K-07 15 15 91	32 mm	50	G 1/8	12	M 10 x 1.25
K-07 15 15 92	32 mm	80	G 1/8	12	M 10 x 1.25
K-07 15 15 93	32 mm	100	G 1/8	12	M 10 x 1.25
K-07 15 15 94	32 mm	125	G 1/8	12	M 10 x 1.25
K-07 15 15 95	32 mm	160	G 1/8	12	M 10 x 1.25
K-07 15 15 96	32 mm	200	G 1/8	12	M 10 x 1.25
K-07 15 15 97	32 mm	250	G 1/8	12	M 10 x 1.25
K-07 15 15 98	32 mm	320	G 1/8	12	M 10 x 1.25
K-07 15 15 99	32 mm	400	G 1/8	12	M 10 x 1.25
K-07 15 16 00	32 mm	500	G 1/8	12	M 10 x 1.25
K-07 15 16 01	32 mm	600	G 1/8	12	M 10 x 1.25
K-07 15 16 02	32 mm	800	G 1/8	12	M 10 x 1.25
K-07 15 16 03	40 mm	25	G 1/4	16	M 12 x 1.25
K-07 15 16 04	40 mm	50	G 1/4	16	M 12 x 1.25
K-07 15 16 05	40 mm	80	G 1/4	16	M 12 x 1.25
K-07 15 16 06	40 mm	100	G 1/4	16	M 12 x 1.25
K-07 15 16 07	40 mm	125	G 1/4	16	M 12 x 1.25
K-07 15 16 08	40 mm	160	G 1/4	16	M 12 x 1.25
K-07 15 16 09	40 mm	200	G 1/4	16	M 12 x 1.25
K-07 15 16 10	40 mm	250	G 1/4	16	M 12 x 1.25
K-07 15 16 11	40 mm	320	G 1/4	16	M 12 x 1.25
K-07 15 16 12	40 mm	400	G 1/4	16	M 12 x 1.25
K-07 15 16 13	40 mm	500	G 1/4	16	M 12 x 1.25
K-07 15 16 14	40 mm	600	G 1/4	16	M 12 x 1.25
K-07 15 16 15	40 mm	800	G 1/4	16	M 12 x 1.25
K-07 15 16 16	50 mm	25	G 1/4	20	M 16 x 1.5
K-07 15 16 17	50 mm	50	G 1/4	20	M 16 x 1.5
K-07 15 16 18	50 mm	80	G 1/4	20	M 16 x 1.5
K-07 15 16 19	50 mm	100	G 1/4	20	M 16 x 1.5
K-07 15 16 20	50 mm	125	G 1/4	20	M 16 x 1.5
K-07 15 16 21	50 mm	160	G 1/4	20	M 16 x 1.5
K-07 15 16 22	50 mm	200	G 1/4	20	M 16 x 1.5
K-07 15 16 23	50 mm	250	G 1/4	20	M 16 x 1.5
K-07 15 16 24	50 mm	320	G 1/4	20	M 16 x 1.5
K-07 15 16 25	50 mm	400	G 1/4	20	M 16 x 1.5
K-07 15 16 26	50 mm	500	G 1/4	20	M 16 x 1.5
K-07 15 16 27	50 mm	600	G 1/4	20	M 16 x 1.5
K-07 15 16 28	50 mm	800	G 1/4	20	M 16 x 1.5
K-07 15 16 29	63 mm	25	G 3/8	20	M 16 x 1.5
K-07 15 16 30	63 mm	50	G 3/8	20	M 16 x 1.5
K-07 15 16 31	63 mm	80	G 3/8	20	M 16 x 1.5
K-07 15 16 32	63 mm	100	G 3/8	20	M 16 x 1.5



**K-NORMZYLINDER**

(Continued)

## Standard cylinders

Identification	Ø piston	stroke	Connection	Ø piston rod mm	Piston rod thread
K-07 15 16 33	63 mm	125	G 3/8	20	M 16 x 1.5
K-07 15 16 34	63 mm	160	G 3/8	20	M 16 x 1.5
K-07 15 16 35	63 mm	200	G 3/8	20	M 16 x 1.5
K-07 15 16 36	63 mm	250	G 3/8	20	M 16 x 1.5
K-07 15 16 37	63 mm	320	G 3/8	20	M 16 x 1.5
K-07 15 16 38	63 mm	400	G 3/8	20	M 16 x 1.5
K-07 15 16 39	63 mm	500	G 3/8	20	M 16 x 1.5
K-07 15 16 40	63 mm	600	G 3/8	20	M 16 x 1.5
K-07 15 16 41	63 mm	800	G 3/8	20	M 16 x 1.5
K-07 15 16 42	80 mm	25	G 3/8	25	M 20 x 1.5
K-07 15 16 43	80 mm	50	G 3/8	25	M 20 x 1.5
K-07 15 16 44	80 mm	80	G 3/8	25	M 20 x 1.5
K-07 15 16 45	80 mm	100	G 3/8	25	M 20 x 1.5
K-07 15 16 46	80 mm	125	G 3/8	25	M 20 x 1.5
K-07 15 16 47	80 mm	160	G 3/8	25	M 20 x 1.5
K-07 15 16 48	80 mm	200	G 3/8	25	M 20 x 1.5
K-07 15 16 49	80 mm	250	G 3/8	25	M 20 x 1.5
K-07 15 16 50	80 mm	320	G 3/8	25	M 20 x 1.5
K-07 15 16 51	80 mm	400	G 3/8	25	M 20 x 1.5
K-07 15 16 52	80 mm	500	G 3/8	25	M 20 x 1.5
K-07 15 16 53	80 mm	600	G 3/8	25	M 20 x 1.5
K-07 15 16 54	80 mm	800	G 3/8	25	M 20 x 1.5
K-07 15 15 64	100 mm	25	G 1/2"	25	M 20 x 1.5
K-07 15 15 65	100 mm	50	G 1/2"	25	M 20 x 1.5
K-07 15 15 66	100 mm	80	G 1/2"	25	M 20 x 1.5
K-07 15 15 67	100 mm	100	G 1/2"	25	M 20 x 1.5
K-07 15 15 68	100 mm	125	G 1/2"	25	M 20 x 1.5
K-07 15 15 69	100 mm	160	G 1/2"	25	M 20 x 1.5
K-07 15 15 70	100 mm	200	G 1/2"	25	M 20 x 1.5
K-07 15 15 71	100 mm	250	G 1/2"	25	M 20 x 1.5
K-07 15 15 72	100 mm	320	G 1/2"	25	M 20 x 1.5
K-07 15 15 73	100 mm	400	G 1/2"	25	M 20 x 1.5
K-07 15 15 74	100 mm	500	G 1/2"	25	M 20 x 1.5
K-07 15 15 75	100 mm	600	G 1/2"	25	M 20 x 1.5
K-07 15 15 76	100 mm	800	G 1/2"	25	M 20 x 1.5
K-07 15 15 77	125 mm	25	G 1/2"	32	M 27 x 2
K-07 15 15 78	125 mm	50	G 1/2"	32	M 27 x 2
K-07 15 15 79	125 mm	80	G 1/2"	32	M 27 x 2
K-07 15 15 80	125 mm	100	G 1/2"	32	M 27 x 2
K-07 15 15 81	125 mm	125	G 1/2"	32	M 27 x 2
K-07 15 15 82	125 mm	160	G 1/2"	32	M 27 x 2
K-07 15 15 83	125 mm	200	G 1/2"	32	M 27 x 2
K-07 15 15 84	125 mm	250	G 1/2"	32	M 27 x 2
K-07 15 15 85	125 mm	320	G 1/2"	32	M 27 x 2
K-07 15 15 86	125 mm	400	G 1/2"	32	M 27 x 2
K-07 15 15 87	125 mm	500	G 1/2"	32	M 27 x 2
K-07 15 15 88	125 mm	600	G 1/2"	32	M 27 x 2
K-07 15 15 89	125 mm	800	G 1/2"	32	M 27 x 2

**Web:** <http://cat.hansa-flex.com/en/KNORMZYLINDER>

**Accessories:**

**K-FUSSBEFESTIGUNG 3** - Foot model

**K-SCHWENKGABELBEFESTIG** - Female hinge model

**K-SCHWENKAUGENBEFEST 1** - Male hinge model

**K-SPHAERISCHE SCHWENKAUGENB** - Articulated male hinge model

**K-GEGENLAGER 1** - Counter-hinge model

**K-FRONT ODER BODENFLANSCH** - Flange model

**K-GABELKOEPF 4** - Fork model

**K-GELENKAUGEN 5** - Rod eye model

**K-SENSOREN T-NUT 1** - Sensor for T-slot

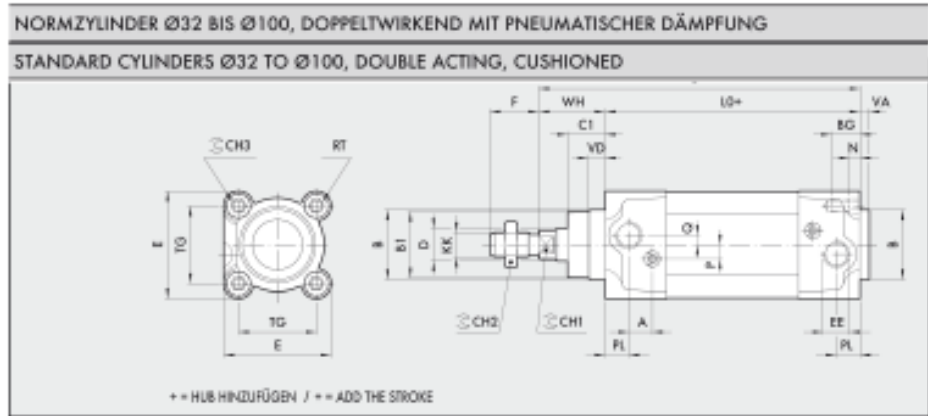
**K-ABDECKBAENDER** - Bar for grooving (500 mm)



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**K-NORMZYLINDER**

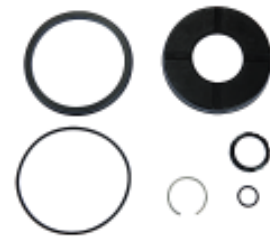
Standard cylinders



Ø	PL	VD	A	B	B <sub>1</sub>	WH	C <sub>1</sub>	CH <sub>1</sub>	CH <sub>2</sub>	CH <sub>3</sub>	CK	D	TØ	VA	F	EE	RT	E	L	L <sub>p</sub>	ZM	BØ	N	F	Ø
32	10	6,5	10	30	28	26	16	10	17	6	M10x1,25	12	32,5	4	22	G1/8	M6	46	120	94	146	14,5	4,5	6	4
40	12	8	10	35	33	30	20	13	19	6	M12x1,25	16	38	4	24	G1/4	M6	54	135	105	165	14,5	4,5	6	4
50	14	13	10	40	38	37	25	17	24	8	M16x1,5	20	45,5	4	32	G1/4	M8	64,5	143	106	180	17,5	5,5	6	6
63	16	14	10	45	40	37	25	17	24	8	M16x1,5	20	55,5	4	32	G3/8	M8	75,5	158	121	195	17,5	5,5	6	6
80	18	12	12	45	43	46	33	22	30	10	M20x1,5	25	72	4	40	G3/8	M10	94	174	128	220	21,5	5,5	10	7
100	20	14	12	55	49	51	38	22	30	10	M20x1,5	25	89	4	40	G1/2	M10	111	189	138	240	21,5	5,5	10	7
125	25	20	10	60	54	65	45	27	41	12	M27x2	32	110	6	54	G1/2	M12	135	225	160	290	25,5	6,5	12	8

**K-DICHTSAETZE**

Sets of gaskets (parts subject to wear)



Identification	Ø piston	Design
K-07 15 21 04	32 mm	NBR seal
K-07 15 21 05	40 mm	NBR seal
K-07 15 21 06	50 mm	NBR seal
K-07 15 21 07	63 mm	NBR seal
K-07 15 21 08	80 mm	NBR seal
K-07 15 21 09	100 mm	NBR seal
K-07 15 21 10	125 mm	NBR seal
K-07 15 21 11	32 mm	PU seal
K-07 15 21 12	40 mm	PU seal
K-07 15 21 13	50 mm	PU seal
K-07 15 21 14	63 mm	PU seal
K-07 15 21 15	80 mm	PU seal
K-07 15 21 16	100 mm	PU seal
K-07 15 21 17	125 mm	PU seal

Web: <http://cat.hansa-flex.com/en/KDICHTSAETZE>

## K-GEWINDEPLATTEN T-NUT 1

Threaded plate for T-slot

**More information:** Valve assembly directly on the cylinder



Identification	Design
K-07 15 20 95	Threaded plate M 3
K-07 15 20 94	Threaded plate M 4

**Web:** <http://cat.hansa-flex.com/en/KGEWINDEPLATTENTNUT1>

## K-AUSGLEICHKUPPLUNGEN

Self-aligning rod coupler



Identification	Ø piston	Thread piston rod
K-07 15 21 79	40 mm / 40 mm / 50 - 63 mm	M 12 x 1.25
K-07 15 21 80	50 mm / 50 - 63 mm / 80 - 100 mm	M 16 x 1.5
K-07 15 21 81	80 - 100 mm	M 20 x 1.5

**Web:** <http://cat.hansa-flex.com/en/KAUSGLEICHKUPPLUNGEN>

## K-SENSOREN T-NUT 5

DSL reed sensor



Identification	Design
K-07 15 20 92	Slotted fixing plate

**Web:** <http://cat.hansa-flex.com/en/KSENSORENTNUT5>



## K-GELENTKAUGEN 5

Rod eye model



Identification	Ø piston	Thread piston rod
K- 07 15 21 92	25 mm / 32 mm / 32 mm / 32 - 40 mm / 25 mm	M 10 x 1.25
K- 07 15 21 94	50 mm / 50 - 63 mm / 80 - 100 mm	M 16 x 1.5
K- 07 15 21 95	80 - 100 mm	M 20 x 1.5
K- 07 15 21 96	125 mm	M 27 x 2

Web: <http://cat.hansa-flex.com/en/KGELENTKAUGEN5>

## K-GABELKOEPFEN 4

Fork model



Identification	Ø piston	Design	Thread piston rod
K- 07 15 21 97	25 mm / 32 mm / 32 mm / 32 - 40 mm / 25 mm	With hinged spring pin	M 10 x 1.25
K- 07 15 21 98	40 mm / 40 mm / 50 - 63 mm	With hinged spring pin	M 12 x 1.25
K- 07 15 22 00	80 - 100 mm	With hinged spring pin	M 20 x 1.5
K- 07 15 22 01	125 mm	With two snap rings	M 27 x 2

Web: <http://cat.hansa-flex.com/en/KGABELKOEPFEN4>

## K-KOLST MUTTERN 2

Hexagon nut (for piston rod)



Identification	Ø piston	Thread piston rod
K- 07 15 21 43	25 mm / 32 mm / 32 - 40 mm / 25 mm	M 10 x 1.25
K- 07 15 21 32	40 mm / 50 - 63 mm	M 12 x 1.25
K- 07 15 21 33	50 - 63 mm / 80 - 100 mm	M 16 x 1.5



## K-KOLST MUTTERN 2

(Continued)

### Hexagon nut (for piston rod)

Identification	Ø piston	Thread piston rod
K-07 15 22 09	80 - 100 mm	M 20 x 1.5
K-07 15 22 10	125 mm	M 27 x 2

**Web:** <http://cat.hansa-flex.com/en/KKOLSTMUTTERN2>

## K-FRONT ODER BODENFLANSCH

### Flange model



**Standard:** ISO 15552

Identification	Ø piston	Design
K-07 15 21 49	32 mm	With four screws
K-07 15 21 71	40 mm	With four screws
K-07 15 21 72	50 mm	With four screws
K-07 15 21 73	63 mm	With four screws
K-07 15 21 74	80 mm	With four screws
K-07 15 21 76	125 mm	With four screws



**Web:** <http://cat.hansa-flex.com/en/KFRONTODERBODENFLANSCH>

## K-GEGENLAGER 1

### Counter-hinge model

**Standard:** ISO 15552



Identification	Ø piston	Design
K-07 15 21 55	32 mm	With four screws and four washers
K-07 15 21 56	40 mm	With four screws and four washers
K-07 15 21 57	50 mm	With four screws and four washers
K-07 15 21 58	63 mm	With four screws and four washers
K-07 15 21 59	80 mm	With four screws and four washers
K-07 15 21 88	100 mm	With four screws and four washers
K-07 15 21 89	125 mm	With four screws and four washers

**Web:** <http://cat.hansa-flex.com/en/KGEGENLAGER1>

## K-SPHAERISCHE SCHWENKAUGENB

### Articulated male hinge model

**Standard:** ISO 15552



Identification	Ø piston	Design
K- 07 15 22 11	32 mm	With four screws and four washers
K- 07 15 22 12	40 mm	With four screws and four washers
K- 07 15 22 13	50 mm	With four screws and four washers
K- 07 15 22 14	63 mm	With four screws and four washers
K- 07 15 22 15	80 mm	With four screws and four washers
K- 07 15 22 16	100 mm	With four screws and four washers
K- 07 15 22 17	125 mm	With four screws and four washers

**Web:** <http://cat.hansa-flex.com/en/KSPHAERISCHECHWENKAUGENB>

## K-SCHWENKAUGENBEFEST 1

### Male hinge model

**Standard:** ISO 15552



Identification	Ø piston	Design
K- 07 15 22 02	32 mm	With four screws and four washers
K- 07 15 22 03	40 mm	With four screws and four washers
K- 07 15 22 04	50 mm	With four screws and four washers
K- 07 15 22 05	63 mm	With four screws and four washers
K- 07 15 22 06	80 mm	With four screws and four washers
K- 07 15 22 07	100 mm	With four screws and four washers
K- 07 15 22 08	125 mm	With four screws and four washers

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKAUGENBEFEST1>

## K-SCHWENKGABELBEFESTIG

### Female hinge model

Standard: ISO 15552



Identification	Ø piston	Design
K-07 15 21 66	32 mm	With four screws, one pin and snap rings
K-07 15 21 67	40 mm	With four screws, one pin and snap rings
K-07 15 21 68	50 mm	With four screws, one pin and snap rings
K-07 15 21 69	63 mm	With four screws, one pin and snap rings
K-07 15 21 70	80 mm	With four screws, one pin and snap rings
K-07 15 21 90	100 mm	With four screws, one pin and snap rings
K-07 15 21 91	125 mm	With four screws, one pin and snap rings

Web: <http://cat.hansa-flex.com/en/KSCHWENKGABELBEFESTIG>

## K-FUSSBEFESTIGUNG 3

### Foot model

Standard: ISO 15552



Identification	Ø piston	Design
K-07 15 21 52	32 mm	One foot with two screws
K-07 15 21 82	40 mm	One foot with two screws
K-07 15 21 83	50 mm	One foot with two screws
K-07 15 21 84	63 mm	One foot with two screws
K-07 15 21 87	125 mm	One foot with two screws

Web: <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNG3>

## K-SCHWENKBA LASTAUFNAHME

### Swing support

Design: Rocker mounted on pin



Identification	Ø piston	Design
K-07 15 22 25	16 mm	1 kit for replacements on the standard cylinder
K-07 15 22 26	25 mm	1 kit for replacements on the standard cylinder
K-07 15 22 27	32 - 40 mm	1 kit for replacements on the standard cylinder
K-07 15 22 28	63 mm	1 kit for replacements on the standard cylinder

Web: <http://cat.hansa-flex.com/en/KSCHWENKBALASTAUFNAHME>

## K-KOLST LOSE ZYL

## Rodless cylinders

These double-acting cylinders can also be supplied with strokes greater than 5 m, providing the stroke length is approximately equal to the overall length. They are equipped with magnets as standard for indicating the position as well as pneumatic, adjustable end position cushioning. Limit switches and hydraulic shock absorbers can be mounted as add-on modules.

**Media:** Filtered (50 µm), unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** 1 to 8 bar

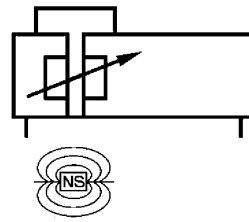
**Temp. range:** -15 °C to +80 °C

**Housing:** Jacket made from anodised aluminium alloy

**Internal/external strap:** Stainless steel

**Slide table (piston guide):** Anodised aluminium alloy

**Sealant:** NBR for speeds up to 1 m/s



**Ordering information:** All strokes can also be supplied in 1 mm steps on request. Ø 16 to 5000 mm, Ø 25, 32, 40 to 5700 mm and Ø 63 to 5500 mm. Versions with an integrated linear guide can be supplied on request (up to 50 x lateral load).

Identification	force 6bar N	Ø piston	stroke	Connection	max. side load
K-07 15 07 34	110	16 mm	100	M 5	0.3 Nm
K-07 15 07 35	110	16 mm	200	M 5	0.3 Nm
K-07 15 07 36	110	16 mm	300	M 5	0.3 Nm
K-07 15 07 37	110	16 mm	400	M 5	0.3 Nm
K-07 15 07 38	110	16 mm	500	M 5	0.3 Nm
K-07 15 07 39	110	16 mm	600	M 5	0.3 Nm
K-07 15 07 40	110	16 mm	700	M 5	0.3 Nm
K-07 15 07 41	110	16 mm	800	M 5	0.3 Nm
K-07 15 07 42	110	16 mm	900	M 5	0.3 Nm
K-07 15 07 43	110	16 mm	1000	M 5	0.3 Nm
K-07 15 07 44	110	16 mm	1200	M 5	0.3 Nm
K-07 15 07 45	110	16 mm	1400	M 5	0.3 Nm
K-07 15 07 46	110	16 mm	2000	M 5	0.3 Nm
K-07 15 07 47	250	25 mm	100	G 1/8	1.0 Nm
K-07 15 07 48	250	25 mm	200	G 1/8	1.0 Nm
K-07 15 07 49	250	25 mm	300	G 1/8	1.0 Nm
K-07 15 07 50	250	25 mm	400	G 1/8	1.0 Nm
K-07 15 07 51	250	25 mm	500	G 1/8	1.0 Nm
K-07 15 07 52	250	25 mm	600	G 1/8	1.0 Nm
K-07 15 07 53	250	25 mm	700	G 1/8	1.0 Nm
K-07 15 07 54	250	25 mm	800	G 1/8	1.0 Nm
K-07 15 07 55	250	25 mm	900	G 1/8	1.0 Nm
K-07 15 07 56	250	25 mm	1000	G 1/8	1.0 Nm
K-07 15 07 57	250	25 mm	1200	G 1/8	1.0 Nm
K-07 15 07 58	250	25 mm	1400	G 1/8	1.0 Nm
K-07 15 07 59	250	25 mm	2000	G 1/8	1.0 Nm
K-07 15 07 60	420	32 mm	100	G 1/4	2.0 Nm
K-07 15 07 61	420	32 mm	200	G 1/4	2.0 Nm
K-07 15 07 62	420	32 mm	300	G 1/4	2.0 Nm
K-07 15 07 63	420	32 mm	400	G 1/4	2.0 Nm
K-07 15 07 64	420	32 mm	500	G 1/4	2.0 Nm
K-07 15 07 65	420	32 mm	600	G 1/4	2.0 Nm
K-07 15 07 66	420	32 mm	700	G 1/4	2.0 Nm
K-07 15 07 67	420	32 mm	800	G 1/4	2.0 Nm
K-07 15 07 68	420	32 mm	900	G 1/4	2.0 Nm
K-07 15 07 69	420	32 mm	1000	G 1/4	2.0 Nm
K-07 15 07 70	420	32 mm	1200	G 1/4	2.0 Nm
K-07 15 07 71	420	32 mm	1400	G 1/4	2.0 Nm
K-07 15 07 72	420	32 mm	2000	G 1/4	2.0 Nm
K-07 15 07 73	640	40 mm	100	G 1/4	4.0 Nm
K-07 15 07 74	640	40 mm	200	G 1/4	4.0 Nm
K-07 15 07 75	640	40 mm	300	G 1/4	4.0 Nm
K-07 15 07 76	640	40 mm	400	G 1/4	4.0 Nm
K-07 15 07 77	640	40 mm	500	G 1/4	4.0 Nm
K-07 15 07 78	640	40 mm	600	G 1/4	4.0 Nm
K-07 15 07 79	640	40 mm	700	G 1/4	4.0 Nm
K-07 15 07 80	640	40 mm	800	G 1/4	4.0 Nm
K-07 15 07 81	640	40 mm	900	G 1/4	4.0 Nm
K-07 15 07 82	640	40 mm	1000	G 1/4	4.0 Nm

**K-KOLST LOSE ZYL**

(Continued)

Rodless cylinders

Identification	force 6bar N	Ø piston	stroke	Connection	max. side load
K-07 15 07 83	640	40 mm	1200	G 1/4	4.0 Nm
K-07 15 07 84	640	40 mm	1400	G 1/4	4.0 Nm
K-07 15 07 85	640	40 mm	2000	G 1/4	4.0 Nm
K-07 15 07 86	1550	63 mm	100	G 3/8	8.0 Nm
K-07 15 07 87	1550	63 mm	200	G 3/8	8.0 Nm
K-07 15 07 88	1550	63 mm	300	G 3/8	8.0 Nm
K-07 15 07 89	1550	63 mm	400	G 3/8	8.0 Nm
K-07 15 07 90	1550	63 mm	500	G 3/8	8.0 Nm
K-07 15 07 91	1550	63 mm	600	G 3/8	8.0 Nm
K-07 15 07 92	1550	63 mm	700	G 3/8	8.0 Nm
K-07 15 07 93	1550	63 mm	800	G 3/8	8.0 Nm
K-07 15 07 94	1550	63 mm	900	G 3/8	8.0 Nm
K-07 15 07 95	1550	63 mm	1000	G 3/8	8.0 Nm
K-07 15 07 96	1550	63 mm	1200	G 3/8	8.0 Nm
K-07 15 07 97	1550	63 mm	1400	G 3/8	8.0 Nm
K-07 15 07 98	1550	63 mm	2000	G 3/8	8.0 Nm

Web: <http://cat.hansa-flex.com/en/KKOLSTLOSEZYL>

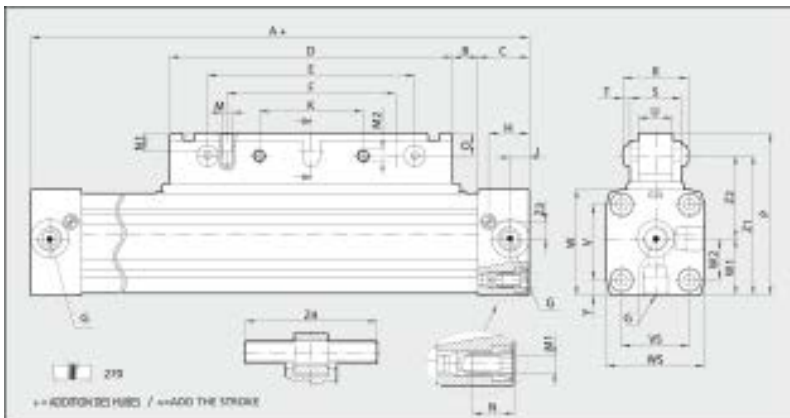
**Accessories:**

K-FUSSBEFESTIGUNG 4 - Foot model

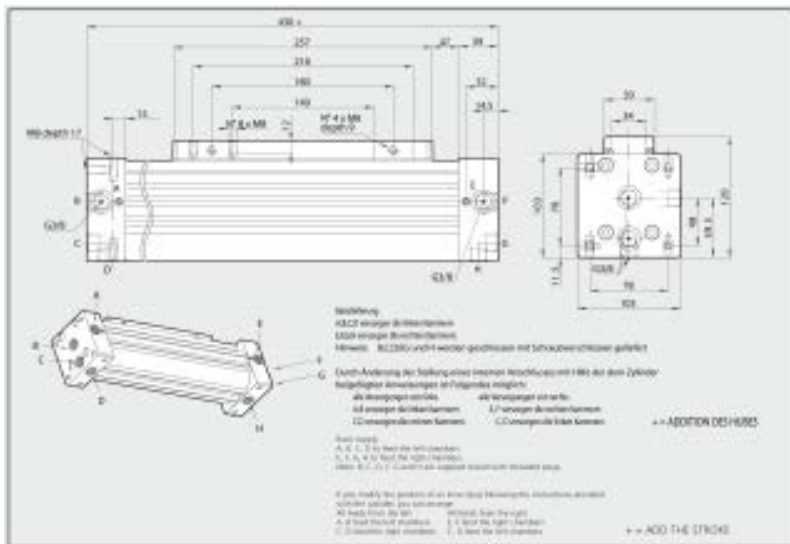
K-ZST - Intermediate foot

K-SENSOREN T-NUT 1 - Sensor for T-slot

K-ABDECKBAENDER - Bar for grooving (500 mm)



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z							
16	150	12	11	76	64	48	48	12	6,4	52	60	M3	M3	7	8	6	45,3	25,1	16	2,75	18	18	27	27	15,8	9	4,5	37,3	24	4,9	28	
20	200	17	21	120	100	74	74	18	10,3	65	70	M4	M4	12	11	15	66	29,6	23	3,3	15	27	27	46	48	20	15,8	5,5	38	30	6,3	42
32	250	25	27	150	110	90	90	24	15,3	85	90	M5	M5	14	12	12	86	36	27	4,4	18	48	36	56	52	30	22	8	74	44	8	30
48	300	35	38	180	110	90	90	24	15	110	90	M5	M5	17,5	12	12	97	36,8	28	4,4	18	54	54	69	72	36	27	8	65	48	11,8	30



**K-EINST ENDLAG STOSSDAEMPFER**

Adjustable limit switch and shock absorber

**Design:** Anodised aluminium

Identification	Ø piston	Design
K- 07 15 22 29	16 mm	1 kit for mounting
K- 07 15 22 30	25 mm	1 kit for mounting
K- 07 15 22 31	32 mm	1 kit for mounting
K- 07 15 22 32	40 mm	1 kit for mounting
K- 07 15 22 33	63 mm	1 kit for mounting

**Web:** <http://cat.hansa-flex.com/en/KEINSTENLAGSTOSSDAEMPFER>**K-SENSORHALTER T-NUT-ADA**

Sensor support (with T-slot adapter)

**Applications:** Long version for mounting opposite the piston guide

Identification	Ø piston	Design
K- 07 15 22 18	16 - 25 mm	1 x per sensor

**Web:** <http://cat.hansa-flex.com/en/KSENSORHALTERTNUTADA>**K-ABDECKBAENDER**

Bar for grooving (500 mm)

**Applications:** For closing the T-slot and possibly the sensor cable guide

Identification	Ø piston	Design
K- 07 15 22 19	12 - 100 mm / 32 - 125 mm / 32 - 63 mm	1 x 500 mm

**Web:** <http://cat.hansa-flex.com/en/KABDECKBAENDER>

**K-FUSSBEFESTIGUNG 4**

## Foot model

Design: Aluminium bracket



Identification	Ø piston	Design
K-07 15 22 20	16 mm	One foot with two screws
K-07 15 22 21	25 mm	One foot with two screws
K-07 15 22 22	32 mm	One foot with two screws
K-07 15 22 23	40 mm	One foot with two screws
K-07 15 22 24	63 mm	One foot with two screws

Web: <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNG4>**K-ZST**

## Intermediate foot

Design: Aluminium flat jacket



Identification	Ø piston	Design
K-07 15 22 34	16 mm	One flange
K-07 15 22 35	25 mm	One flange
K-07 15 22 36	32 mm	One flange
K-07 15 22 37	40 mm	One flange
K-07 15 22 38	63 mm	One flange

Web: <http://cat.hansa-flex.com/en/KZST>



## K-NORMZYLINDER AIRSENTIALS SE

## Standard cylinders - AirSentials

These cylinders are ideal for a wide range of applications owing to their robust design and excellent value for money. The standard type has a double-acting cylinder and features a magnetic piston as well as integrated cushioning. The magnetic switches are mounted in T-slots on three sides of the body.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** 1 - 10 bar

**Temp. range:** -20 °C to +80 °C

**Piston rod:** Hardened steel, thick-chromed

**Pipe:** Aluminium jacket with integrated T-slots

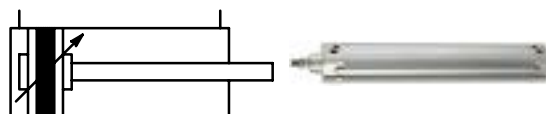
**Piston:** Aluminium

**Piston seal:** TPU (thermoplastic polyurethane)

**Piston rod seal:** TPU (thermoplastic polyurethane)

**Sealing material O-Ring:** NBR

**Note:** Further information on request



Identification	Ø piston	stroke	Connection	Ø piston rod mm	Piston rod thread
K-07 15 14 66	32 mm	25	G 1/8	12	M 10 x 1.25
K-07 15 14 67	32 mm	50	G 1/8	12	M 10 x 1.25
K-07 15 14 68	32 mm	75	G 1/8	12	M 10 x 1.25
K-07 15 14 69	32 mm	80	G 1/8	12	M 10 x 1.25
K-07 15 14 70	32 mm	100	G 1/8	12	M 10 x 1.25
K-07 15 14 71	32 mm	125	G 1/8	12	M 10 x 1.25
K-07 15 14 72	32 mm	150	G 1/8	12	M 10 x 1.25
K-07 15 14 73	32 mm	160	G 1/8	12	M 10 x 1.25
K-07 15 14 74	32 mm	175	G 1/8	12	M 10 x 1.25
K-07 15 14 75	32 mm	200	G 1/8	12	M 10 x 1.25
K-07 15 14 76	32 mm	250	G 1/8	12	M 10 x 1.25
K-07 15 14 77	32 mm	300	G 1/8	12	M 10 x 1.25
K-07 15 14 78	32 mm	350	G 1/8	12	M 10 x 1.25
K-07 15 14 89	40 mm	160	G 1/4	16	M 12 x 1.25
K-07 15 14 79	32 mm	400	G 1/8	12	M 10 x 1.25
K-07 15 14 80	32 mm	450	G 1/8	12	M 10 x 1.25
K-07 15 14 81	32 mm	500	G 1/8	12	M 10 x 1.25
K-07 15 14 82	40 mm	25	G 1/4	16	M 12 x 1.25
K-07 15 14 83	40 mm	50	G 1/4	16	M 12 x 1.25
K-07 15 14 84	40 mm	75	G 1/4	16	M 12 x 1.25
K-07 15 14 85	40 mm	80	G 1/4	16	M 12 x 1.25
K-07 15 14 86	40 mm	100	G 1/4	16	M 12 x 1.25
K-07 15 14 87	40 mm	125	G 1/4	16	M 12 x 1.25
K-07 15 14 88	40 mm	150	G 1/4	16	M 12 x 1.25
K-07 15 14 90	40 mm	175	G 1/4	16	M 12 x 1.25
K-07 15 14 91	40 mm	200	G 1/4	16	M 12 x 1.25
K-07 15 14 92	40 mm	250	G 1/4	16	M 12 x 1.25
K-07 15 14 93	40 mm	300	G 1/4	16	M 12 x 1.25
K-07 15 14 94	40 mm	350	G 1/4	16	M 12 x 1.25
K-07 15 14 95	40 mm	400	G 1/4	16	M 12 x 1.25
K-07 15 14 96	40 mm	450	G 1/4	16	M 12 x 1.25
K-07 15 14 97	40 mm	500	G 1/4	16	M 12 x 1.25
K-07 15 14 98	40 mm	600	G 1/4	16	M 12 x 1.25
K-07 15 14 99	40 mm	700	G 1/4	16	M 12 x 1.25
K-07 15 15 00	40 mm	800	G 1/4	16	M 12 x 1.25
K-07 15 15 01	50 mm	25	G 1/4	20	M 16 x 1.5
K-07 15 15 02	50 mm	50	G 1/4	20	M 16 x 1.5
K-07 15 15 03	50 mm	75	G 1/4	20	M 16 x 1.5
K-07 15 15 04	50 mm	80	G 1/4	20	M 16 x 1.5
K-07 15 15 05	50 mm	100	G 1/4	20	M 16 x 1.5
K-07 15 15 06	50 mm	1000	G 1/4	20	M 16 x 1.5
K-07 15 15 07	50 mm	125	G 1/4	20	M 16 x 1.5
K-07 15 15 08	50 mm	150	G 1/4	20	M 16 x 1.5
K-07 15 15 09	50 mm	160	G 1/4	20	M 16 x 1.5
K-07 15 15 10	50 mm	175	G 1/4	20	M 16 x 1.5
K-07 15 15 11	50 mm	200	G 1/4	20	M 16 x 1.5
K-07 15 15 12	50 mm	250	G 1/4	20	M 16 x 1.5
K-07 15 15 13	50 mm	300	G 1/4	20	M 16 x 1.5
K-07 15 15 14	50 mm	350	G 1/4	20	M 16 x 1.5

**K-NORMZYLINDER AIRSENTIALS SE**

(Continued)

## Standard cylinders - AirSentials

Identification	Ø piston	stroke	Connection	Ø piston rod mm	Piston rod thread
K-07 15 15 15	50 mm	400	G 1/4	20	M 16 x 1.5
K-07 15 15 16	50 mm	450	G 1/4	20	M 16 x 1.5
K-07 15 15 17	50 mm	500	G 1/4	20	M 16 x 1.5
K-07 15 15 18	50 mm	600	G 1/4	20	M 16 x 1.5
K-07 15 15 19	50 mm	700	G 1/4	20	M 16 x 1.5
K-07 15 15 20	50 mm	800	G 1/4	20	M 16 x 1.5
K-07 15 15 21	50 mm	900	G 1/4	20	M 16 x 1.5
K-07 15 15 22	63 mm	25	G 3/8	20	M 16 x 1.5
K-07 15 15 23	63 mm	50	G 3/8	20	M 16 x 1.5
K-07 15 15 24	63 mm	75	G 3/8	20	M 16 x 1.5
K-07 15 15 25	63 mm	80	G 3/8	20	M 16 x 1.5
K-07 15 15 26	63 mm	100	G 3/8	20	M 16 x 1.5
K-07 15 15 27	63 mm	1000	G 3/8	20	M 16 x 1.5
K-07 15 15 28	63 mm	125	G 3/8	20	M 16 x 1.5
K-07 15 15 29	63 mm	150	G 3/8	20	M 16 x 1.5
K-07 15 15 30	63 mm	160	G 3/8	20	M 16 x 1.5
K-07 15 15 31	63 mm	175	G 3/8	20	M 16 x 1.5
K-07 15 15 32	63 mm	200	G 3/8	20	M 16 x 1.5
K-07 15 15 33	63 mm	250	G 3/8	20	M 16 x 1.5
K-07 15 15 34	63 mm	300	G 3/8	20	M 16 x 1.5
K-07 15 15 35	63 mm	350	G 3/8	20	M 16 x 1.5
K-07 15 15 36	63 mm	400	G 3/8	20	M 16 x 1.5
K-07 15 15 37	63 mm	450	G 3/8	20	M 16 x 1.5
K-07 15 15 38	63 mm	500	G 3/8	20	M 16 x 1.5
K-07 15 15 39	63 mm	600	G 3/8	20	M 16 x 1.5
K-07 15 15 40	63 mm	700	G 3/8	20	M 16 x 1.5
K-07 15 15 41	63 mm	800	G 3/8	20	M 16 x 1.5
K-07 15 15 42	63 mm	900	G 3/8	20	M 16 x 1.5
K-07 15 15 43	80 mm	25	G 3/8	25	M 20 x 1.5
K-07 15 15 44	80 mm	50	G 3/8	25	M 20 x 1.5
K-07 15 15 45	80 mm	75	G 3/8	25	M 20 x 1.5
K-07 15 15 46	80 mm	80	G 3/8	25	M 20 x 1.5
K-07 15 15 47	80 mm	100	G 3/8	25	M 20 x 1.5
K-07 15 15 48	80 mm	1000	G 3/8	25	M 20 x 1.5
K-07 15 15 49	80 mm	125	G 3/8	25	M 20 x 1.5
K-07 15 15 50	80 mm	150	G 3/8	25	M 20 x 1.5
K-07 15 15 51	80 mm	160	G 3/8	25	M 20 x 1.5
K-07 15 15 52	80 mm	175	G 3/8	25	M 20 x 1.5
K-07 15 15 53	80 mm	200	G 3/8	25	M 20 x 1.5
K-07 15 15 54	80 mm	250	G 3/8	25	M 20 x 1.5
K-07 15 15 55	80 mm	300	G 3/8	25	M 20 x 1.5
K-07 15 15 56	80 mm	350	G 3/8	25	M 20 x 1.5
K-07 15 15 57	80 mm	400	G 3/8	25	M 20 x 1.5
K-07 15 15 58	80 mm	450	G 3/8	25	M 20 x 1.5
K-07 15 15 59	80 mm	500	G 3/8	25	M 20 x 1.5
K-07 15 15 60	80 mm	600	G 3/8	25	M 20 x 1.5
K-07 15 15 61	80 mm	700	G 3/8	25	M 20 x 1.5
K-07 15 15 62	80 mm	800	G 3/8	25	M 20 x 1.5
K-07 15 15 63	80 mm	900	G 3/8	25	M 20 x 1.5
K-07 15 14 26	100 mm	25	G 1/2"	25	M 20 x 1.5
K-07 15 14 27	100 mm	50	G 1/2"	25	M 20 x 1.5
K-07 15 14 28	100 mm	75	G 1/2"	25	M 20 x 1.5
K-07 15 14 29	100 mm	80	G 1/2"	25	M 20 x 1.5
K-07 15 14 30	100 mm	100	G 1/2"	25	M 20 x 1.5
K-07 15 14 31	100 mm	125	G 1/2"	25	M 20 x 1.5
K-07 15 14 32	100 mm	150	G 1/2"	25	M 20 x 1.5
K-07 15 14 33	100 mm	160	G 1/2"	25	M 20 x 1.5
K-07 15 14 34	100 mm	175	G 1/2"	25	M 20 x 1.5
K-07 15 14 35	100 mm	200	G 1/2"	25	M 20 x 1.5
K-07 15 14 36	100 mm	250	G 1/2"	25	M 20 x 1.5
K-07 15 14 37	100 mm	300	G 1/2"	25	M 20 x 1.5
K-07 15 14 38	100 mm	350	G 1/2"	25	M 20 x 1.5
K-07 15 14 39	100 mm	400	G 1/2"	25	M 20 x 1.5
K-07 15 14 40	100 mm	450	G 1/2"	25	M 20 x 1.5
K-07 15 14 41	100 mm	500	G 1/2"	25	M 20 x 1.5



(Continued)

**K-NORMZYLINDER AIRSENTIALS SE**

Standard cylinders - AirSentials

Identification	Ø piston	stroke	Connection	Ø piston rod mm	Piston rod thread
K-07 15 14 42	100 mm	600	G 1/2"	25	M 20 x 1.5
K-07 15 14 43	100 mm	700	G 1/2"	25	M 20 x 1.5
K-07 15 14 44	100 mm	800	G 1/2"	25	M 20 x 1.5
K-07 15 14 45	100 mm	900	G 1/2"	25	M 20 x 1.5
K-07 15 14 46	125 mm	25	G 1/2"	32	M 27 x 2
K-07 15 14 47	125 mm	50	G 1/2"	32	M 27 x 2
K-07 15 14 48	125 mm	75	G 1/2"	32	M 27 x 2
K-07 15 14 49	125 mm	80	G 1/2"	32	M 27 x 2
K-07 15 14 50	125 mm	100	G 1/2"	32	M 27 x 2
K-07 15 14 51	125 mm	125	G 1/2"	32	M 27 x 2
K-07 15 14 52	125 mm	150	G 1/2"	32	M 27 x 2
K-07 15 14 53	125 mm	160	G 1/2"	32	M 27 x 2
K-07 15 14 54	125 mm	175	G 1/2"	32	M 27 x 2
K-07 15 14 55	125 mm	200	G 1/2"	32	M 27 x 2
K-07 15 14 56	125 mm	250	G 1/2"	32	M 27 x 2
K-07 15 14 57	125 mm	300	G 1/2"	32	M 27 x 2
K-07 15 14 58	125 mm	350	G 1/2"	32	M 27 x 2
K-07 15 14 59	125 mm	400	G 1/2"	32	M 27 x 2
K-07 15 14 60	125 mm	450	G 1/2"	32	M 27 x 2
K-07 15 14 61	125 mm	500	G 1/2"	32	M 27 x 2
K-07 15 14 62	125 mm	600	G 1/2"	32	M 27 x 2
K-07 15 14 63	125 mm	700	G 1/2"	32	M 27 x 2
K-07 15 14 64	125 mm	800	G 1/2"	32	M 27 x 2
K-07 15 14 65	125 mm	900	G 1/2"	32	M 27 x 2

**Web:** <http://cat.hansa-flex.com/en/KNORMZYLINDERAIRSENTIALSSE>

**Accessories:**

- K-FUSSBEFESTIGUNG TYP LB 2 - Foot model, »LB« type
- K-SCHWENKLAGERBOECKE TYP TF - Hinge bracket model, »TF« type (only in conjunction with hinge head model, »FTC« type)
- K-GEENLAGER TYP CR - Counter-hinge model, »CR« type (only in conjunction with female hinge model, »CB« type)
- K-SCHWENKGABELBEFESTIG FTC - Hinge head model, »FTC« type
- K-SCHWENKLAGER TYP TM - Hinge model, »TM« type (only in conjunction with hinge head model, »FTC« type)
- K-SCHWENKGABELBEFESTIG CB - Female hinge model, »CB« type
- K-SCHWENKAUGENBEFEST CA - Male hinge model, »CA« type
- K-FLANSCHBEFESTIGUNG TYP FA1 - Flange model, »FA« type
- K-GABELKOEPFEN TYP Y - Fork model, »Y« type
- K-GELENKAUGEN TYP UNIT - Rod eye model, »UNIT« type
- K-SENSOREN CS1 NO MIT STECKER - Sensors »CS1« type, cable with M8 plug
- K-SENSOREN CS1 NO OHNE STECKER - Sensors »CS1« type, cable without plug

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**K-SENSOREN CS1 NO MIT STECKER**

Sensors »CS1« type, cable with M8 plug



Identification	Design
K-07 15 22 61	REED sensor, 2-wire, M 8-plug, 150 mm cable, NO
K-07 15 22 63	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K-07 15 22 65	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP

**Web:** <http://cat.hansa-flex.com/en/KSENSORENCS1NOMITSTECKER>

## K-SENSOREN CS1 NO OHNE STECKER

Sensors »CS1« type, cable without plug



Identification	Design
K-07 15 22 62	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 64	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K-07 15 22 66	Hall sensor, 3-wire, with 3 m cable length, NO, PNP

**Web:** <http://cat.hansa-flex.com/en/KSENSORENCS1NOOHNESTECKER>

## K-GABELKOEPFE TYP Y

Fork model, »Y« type



Identification	Ø piston	Thread piston rod
K-07 15 23 83	32 mm	M 10 x 1.25
K-07 15 23 85	50 - 63 mm	M 16 x 1.5
K-07 15 23 86	80 - 100 mm	M 20 x 1.5
K-07 15 23 87	125 mm	M 27 x 2

**Web:** <http://cat.hansa-flex.com/en/KGABELKOEPFETYPY>

## K-GELENKAUGEN TYP UNIT

Rod eye model, »UNIT« type



**lubrication nipple: with**

Identification	Ø piston	Thread piston rod
K-07 15 23 88	32 mm / 25 - 32 mm / 25 mm / 20 - 40 mm	M 10 x 1.25
K-07 15 23 89	40 mm / 40 mm / 50 - 63 mm	M 12 x 1.25
K-07 15 23 90	50 - 63 mm / 80 mm	M 16 x 1.5
K-07 15 23 91	80 - 100 mm / 100 mm	M 20 x 1.5
K-07 15 23 92	125 mm	M 27 x 2

**Web:** <http://cat.hansa-flex.com/en/KGELENKAUGENTYPUNIT>

### K-FLANSCHBEFESTIGUNG TYP FA1

Flange model, »FA« type



Identification	Ø piston
K- 07 15 23 53	32 mm
K- 07 15 23 54	40 mm
K- 07 15 23 55	50 mm
K- 07 15 23 56	63 mm
K- 07 15 23 57	80 mm
K- 07 15 23 58	100 mm
K- 07 15 23 59	125 mm

**Web:** <http://cat.hansa-flex.com/en/KFLANSCHBEFESTIGUNGTYPPFA1>

### K-SCHWENKLAGER TYP TM

Hinge model, »TM« type (only in conjunction with hinge head model, »FTC« type)



Identification	Ø piston
K- 07 15 23 74	32 mm
K- 07 15 23 75	40 - 50 mm
K- 07 15 23 76	63 - 80 mm
K- 07 15 23 77	100 - 125 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKLAGERTYPTM>

### K-GEGENLAGER TYP CR

Counter-hinge model, »CR« type (only in conjunction with female hinge model, »CB« type)



Identification	Ø piston
K- 07 15 23 38	32 mm
K- 07 15 23 39	40 mm
K- 07 15 23 40	50 mm



## K-GEGENLAGER TYP CR

(Continued)

Counter-hinge model, »CR« type (only in conjunction with female hinge model, »CB« type)

Identification	Ø piston
K-07 15 23 41	63 mm
K-07 15 23 42	80 mm
K-07 15 23 43	100 mm
K-07 15 23 44	125 mm

Web: <http://cat.hansa-flex.com/en/KGEGENLAGERTYPCR>

## K-SCHWENKAUGENBEFEST CA

Male hinge model, »CA« type



Identification	Ø piston
K-07 15 23 46	32 mm
K-07 15 23 47	40 mm
K-07 15 23 48	50 mm
K-07 15 23 49	63 mm
K-07 15 23 50	80 mm
K-07 15 23 51	100 mm
K-07 15 23 52	125 mm

Web: <http://cat.hansa-flex.com/en/KSCHWENKAUGENBEFESTCA>

## K-FUSSBEFESTIGUNG TYP LB 2

Foot model, »LB« type



Identification	Ø piston
K-07 15 23 25	32 mm
K-07 15 23 26	40 mm
K-07 15 23 27	50 mm
K-07 15 23 28	63 mm
K-07 15 23 29	80 mm
K-07 15 23 30	100 mm
K-07 15 23 31	125 mm

Web: <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNGTYP2>

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### K-SCHWENKLAGERBOECKE TYP TF

Hinge bracket model, »TF« type (only in conjunction with hinge head model, »FTC« type)



Identification	Ø piston
K- 07 15 23 34	32 mm
K- 07 15 23 35	40 - 50 mm
K- 07 15 23 36	63 - 80 mm
K- 07 15 23 37	100 - 125 mm

Web: <http://cat.hansa-flex.com/en/KSCHWENKLAGERBOECKETYP TF>

### K-SCHWENKGABELBEFESTIG CB

Female hinge model, »CB« type



Identification	Ø piston
K- 07 15 23 60	32 mm
K- 07 15 23 61	40 mm
K- 07 15 23 62	50 mm
K- 07 15 23 63	63 mm
K- 07 15 23 64	80 mm
K- 07 15 23 65	100 mm
K- 07 15 23 66	125 mm

Web: <http://cat.hansa-flex.com/en/KSCHWENKGABELBEFESTIGCB>

### K-SCHWENKGABELBEFESTIG FTC

Hinge head model, »FTC« type



Identification	Ø piston
K- 07 15 23 67	32 mm
K- 07 15 23 68	40 mm
K- 07 15 23 69	50 mm



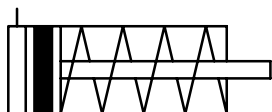
**K-SCHWENKGABELBEFESTIG FTC**

(Continued)

**Hinge head model, »FTC« type**

Identification	Ø piston
K-07 15 23 70	63 mm
K-07 15 23 71	80 mm
K-07 15 23 72	100 mm
K-07 15 23 73	125 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKGABELBEFESTIGFTC>

**K-RUNDZYLINDER EINF DL O D MSI****Round cylinders, single-acting (pressureless in retracted position), with magnet, non-cushioned, »MSI« Series**

Series "MSI" single-acting, pressureless retraction, Ø 8 - 40

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** 1 - 10 bar (double-acting); 2 - 10 bar (single-acting)

**Temp. range:** -20 °C to +70 °C

**Piston rod:** Stainless steel 1.4301

**Design:** Type "CA" = ground cover with threaded pin - swivel design, Type "CM" = ground cover with threaded pin round - swivel design

**Piston:** Stainless steel 1.4305 (8 to 12 mm); Alu (16 to 40 mm)

**Sealant:** NBR

**Cylinder pipe:** Stainless steel 1.4301

**Note:** Further information on request

Identification	Ø piston	stroke	Design	Ø piston rod mm	Piston rod thread
K-07 15 19 46	8 mm	10	»CA« type	4	M 4 x 0.7
K-07 15 19 47	8 mm	15	»CA« type	4	M 4 x 0.7
K-07 15 19 48	8 mm	20	»CA« type	4	M 4 x 0.7
K-07 15 19 49	8 mm	25	»CA« type	4	M 4 x 0.7
K-07 15 19 50	8 mm	30	»CA« type	4	M 4 x 0.7
K-07 15 19 51	8 mm	40	»CA« type	4	M 4 x 0.7
K-07 15 19 52	8 mm	50	»CA« type	4	M 4 x 0.7
K-07 15 19 53	10 mm	10	»CA« type	4	M 4 x 0.7
K-07 15 19 54	10 mm	15	»CA« type	4	M 4 x 0.7
K-07 15 19 55	10 mm	20	»CA« type	4	M 4 x 0.7
K-07 15 19 56	10 mm	25	»CA« type	4	M 4 x 0.7
K-07 15 19 57	10 mm	30	»CA« type	4	M 4 x 0.7
K-07 15 19 58	10 mm	40	»CA« type	4	M 4 x 0.7
K-07 15 19 59	10 mm	50	»CA« type	4	M 4 x 0.7
K-07 15 19 60	12 mm	10	»CA« type	6	M 6 x 1
K-07 15 19 61	12 mm	15	»CA« type	6	M 6 x 1
K-07 15 19 62	12 mm	20	»CA« type	6	M 6 x 1
K-07 15 19 63	12 mm	25	»CA« type	6	M 6 x 1
K-07 15 19 64	12 mm	30	»CA« type	6	M 6 x 1
K-07 15 19 65	12 mm	40	»CA« type	6	M 6 x 1
K-07 15 19 66	12 mm	50	»CA« type	6	M 6 x 1
K-07 15 19 67	16 mm	10	»CA« type	6	M 6 x 1
K-07 15 19 68	16 mm	15	»CA« type	6	M 6 x 1
K-07 15 19 69	16 mm	20	»CA« type	6	M 6 x 1
K-07 15 19 70	16 mm	25	»CA« type	6	M 6 x 1
K-07 15 19 71	16 mm	30	»CA« type	6	M 6 x 1
K-07 15 19 72	16 mm	40	»CA« type	6	M 6 x 1
K-07 15 19 73	16 mm	50	»CA« type	6	M 6 x 1
K-07 15 19 74	16 mm	60	»CA« type	6	M 6 x 1
K-07 15 19 75	16 mm	75	»CA« type	6	M 6 x 1
K-07 15 19 76	16 mm	80	»CA« type	6	M 6 x 1
K-07 15 19 77	16 mm	100	»CA« type	6	M 6 x 1
K-07 15 19 78	20 mm	10	»CA« type	8	M 8 x 1.25
K-07 15 19 79	20 mm	15	»CA« type	8	M 8 x 1.25
K-07 15 19 80	20 mm	20	»CA« type	8	M 8 x 1.25
K-07 15 19 81	20 mm	25	»CA« type	8	M 8 x 1.25
K-07 15 19 82	20 mm	30	»CA« type	8	M 8 x 1.25





(Continued)

K-RUNDZYLINDER EINF DL O D MSI

Round cylinders, single-acting (pressureless in the retracted position), with magnet, non-cushioned,  
»MSI« Series

Identification	Ø piston	stroke	Design	Ø piston rod mm	Piston rod thread
K-07 15 19 83	20 mm	40	»CA« type	8	M 8 x 1.25
K-07 15 19 84	20 mm	50	»CA« type	8	M 8 x 1.25
K-07 15 19 85	20 mm	60	»CA« type	8	M 8 x 1.25
K-07 15 19 86	20 mm	75	»CA« type	8	M 8 x 1.25
K-07 15 19 87	20 mm	80	»CA« type	8	M 8 x 1.25
K-07 15 19 88	20 mm	100	»CA« type	8	M 8 x 1.25
K-07 15 19 89	20 mm	125	»CA« type	8	M 8 x 1.25
K-07 15 19 90	20 mm	150	»CA« type	8	M 8 x 1.25
K-07 15 19 91	25 mm	10	»CA« type	10	M 10 x 1.25
K-07 15 19 92	25 mm	15	»CA« type	10	M 10 x 1.25
K-07 15 19 93	25 mm	20	»CA« type	10	M 10 x 1.25
K-07 15 19 94	25 mm	25	»CA« type	10	M 10 x 1.25
K-07 15 19 95	25 mm	30	»CA« type	10	M 10 x 1.25
K-07 15 19 96	25 mm	40	»CA« type	10	M 10 x 1.25
K-07 15 19 97	25 mm	50	»CA« type	10	M 10 x 1.25
K-07 15 19 98	25 mm	60	»CA« type	10	M 10 x 1.25
K-07 15 19 99	25 mm	75	»CA« type	10	M 10 x 1.25
K-07 15 20 00	25 mm	80	»CA« type	10	M 10 x 1.25
K-07 15 20 01	25 mm	100	»CA« type	10	M 10 x 1.25
K-07 15 20 02	25 mm	125	»CA« type	10	M 10 x 1.25
K-07 15 20 03	25 mm	150	»CA« type	10	M 10 x 1.25
K-07 15 20 04	32 mm	10	»CM« type	12	M 10 x 1.25
K-07 15 20 05	32 mm	15	»CM« type	12	M 10 x 1.25
K-07 15 20 06	32 mm	20	»CM« type	12	M 10 x 1.25
K-07 15 20 07	32 mm	25	»CM« type	12	M 10 x 1.25
K-07 15 20 08	32 mm	30	»CM« type	12	M 10 x 1.25
K-07 15 20 09	32 mm	40	»CM« type	12	M 10 x 1.25
K-07 15 20 10	32 mm	50	»CM« type	12	M 10 x 1.25
K-07 15 20 11	32 mm	60	»CM« type	12	M 10 x 1.25
K-07 15 20 12	32 mm	75	»CM« type	12	M 10 x 1.25
K-07 15 20 13	32 mm	80	»CM« type	12	M 10 x 1.25
K-07 15 20 14	32 mm	100	»CM« type	12	M 10 x 1.25
K-07 15 20 15	32 mm	125	»CM« type	12	M 10 x 1.25
K-07 15 20 16	32 mm	150	»CM« type	12	M 10 x 1.25
K-07 15 20 17	40 mm	10	»CM« type	16	M 12 x 1.25
K-07 15 20 18	40 mm	15	»CM« type	16	M 12 x 1.25
K-07 15 20 19	40 mm	20	»CM« type	16	M 12 x 1.25
K-07 15 20 20	40 mm	25	»CM« type	16	M 12 x 1.25
K-07 15 20 21	40 mm	30	»CM« type	16	M 12 x 1.25
K-07 15 20 22	40 mm	40	»CM« type	16	M 12 x 1.25
K-07 15 20 23	40 mm	50	»CM« type	16	M 12 x 1.25
K-07 15 20 24	40 mm	60	»CM« type	16	M 12 x 1.25
K-07 15 20 25	40 mm	75	»CM« type	16	M 12 x 1.25
K-07 15 20 26	40 mm	80	»CM« type	16	M 12 x 1.25
K-07 15 20 27	40 mm	100	»CM« type	16	M 12 x 1.25
K-07 15 20 28	40 mm	125	»CM« type	16	M 12 x 1.25
K-07 15 20 29	40 mm	150	»CM« type	16	M 12 x 1.25

**Web:** <http://cat.hansa-flex.com/en/KRUNDZYLINDEREINFLODMSI>

**Accessories:**

**K-FUSSBEFESTIGUNG TYP LB 1** - Foot model, »LB« type

**K-FLANSCHBEFESTIGUNG TYP FA3** - Flange model, »FA« type

**K-SCHWENKLAGER TYP SDB** - Counter-hinge model, »SDB« type

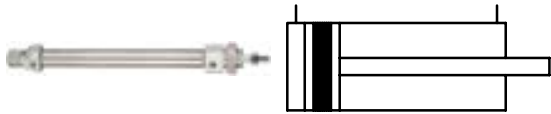
**K-SCHWENKGABELBEFESTIG TC** - Hinge head model, »TC« type

**K-GABELKOEPFEN TYP Y 1** - Fork model, »Y« type

**K-GELLENKAUGEN TYP UNIT 1** - Rod eye model, »UNIT« type

**K-SENSOREN CS1 RD MIT STECKER** - Sensors »CS1« type, cable with M8 plug

**K-SENSOREN CS1 RD OHNE STECKER** - Sensors »CS1« type, cable without plug

**K-RUNDZYLINDER DOPP O E D MI****Round cylinders, double-acting, with magnet, non-cushioned, »MI« Series**

Circular cylinder in stainless steel in different versions: Series "MI" double-acting, Ø 8 – 25 in accordance with ISO 6432 Series "MI" double-acting, Ø 32 – 40

<b>Media:</b>	Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
<b>Working pressure:</b>	1 - 10 bar (double-acting); 2 - 10 bar (single-acting)
<b>Temp. range:</b>	-20 °C to +70 °C
<b>Piston rod:</b>	Stainless steel 1.4301
<b>Design:</b>	Type "CA" = ground cover with threaded pin - swivel design, Type "CM" = ground cover with threaded pin round - swivel design
<b>Piston:</b>	Stainless steel 1.4305 (8 to 12 mm); Alu (16 to 40 mm)
<b>Sealant:</b>	NBR
<b>Cylinder pipe:</b>	Stainless steel 1.4301

**Note:** Further information on request

Identification	Ø piston	stroke	Design	Ø piston rod mm	Piston rod thread
K-07 15 17 90	8 mm	10	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 91	8 mm	15	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 92	8 mm	20	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 93	8 mm	25	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 94	8 mm	30	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 95	8 mm	40	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 96	8 mm	50	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 97	8 mm	60	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 98	8 mm	75	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 17 99	8 mm	80	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 00	8 mm	100	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 01	8 mm	125	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 02	8 mm	150	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 03	10 mm	10	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 04	10 mm	15	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 05	10 mm	20	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 06	10 mm	25	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 07	10 mm	30	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 08	10 mm	40	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 09	10 mm	50	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 10	10 mm	60	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 11	10 mm	75	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 12	10 mm	80	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 13	10 mm	100	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 14	10 mm	125	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 15	10 mm	150	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 16	10 mm	160	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 17	10 mm	175	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 18	10 mm	200	»CA« type, acc. to ISO 6432	4	M 4 x 0.7
K-07 15 18 19	12 mm	10	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 20	12 mm	15	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 21	12 mm	20	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 22	12 mm	25	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 23	12 mm	30	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 24	12 mm	40	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 25	12 mm	50	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 26	12 mm	60	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 27	12 mm	75	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 28	12 mm	80	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 29	12 mm	100	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 30	12 mm	125	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 31	12 mm	150	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 32	12 mm	160	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 33	12 mm	175	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 34	12 mm	200	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 35	12 mm	250	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 36	16 mm	10	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 37	16 mm	15	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 38	16 mm	20	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 39	16 mm	25	»CA« type, acc. to ISO 6432	6	M 6 x 1

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K-RUNDZYLINDER DOPPELSTANGE

## Round cylinders, double-acting, with magnet, non-cushioned, »MI« Series

Identification	Ø piston	stroke	Design	Ø piston rod mm	Piston rod thread
K-07 15 18 40	16 mm	30	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 41	16 mm	40	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 42	16 mm	50	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 43	16 mm	60	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 44	16 mm	75	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 45	16 mm	80	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 46	16 mm	100	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 47	16 mm	125	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 48	16 mm	150	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 49	16 mm	160	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 50	16 mm	175	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 51	16 mm	200	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 52	16 mm	250	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 53	16 mm	300	»CA« type, acc. to ISO 6432	6	M 6 x 1
K-07 15 18 54	20 mm	10	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 55	20 mm	15	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 56	20 mm	20	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 57	20 mm	25	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 58	20 mm	30	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 59	20 mm	40	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 60	20 mm	50	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 61	20 mm	60	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 62	20 mm	75	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 63	20 mm	80	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 64	20 mm	100	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 65	20 mm	125	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 66	20 mm	150	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 67	20 mm	160	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 68	20 mm	175	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 69	20 mm	200	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 70	20 mm	250	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 71	20 mm	300	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 72	20 mm	350	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 73	20 mm	400	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 74	20 mm	450	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 75	20 mm	500	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 76	20 mm	600	»CA« type, acc. to ISO 6432	8	M 8 x 1.25
K-07 15 18 77	25 mm	10	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 78	25 mm	15	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 79	25 mm	20	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 80	25 mm	25	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 81	25 mm	30	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 82	25 mm	40	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 83	25 mm	50	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 84	25 mm	60	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 85	25 mm	75	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 86	25 mm	80	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 87	25 mm	100	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 88	25 mm	125	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 89	25 mm	150	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 90	25 mm	160	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 91	25 mm	175	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 92	25 mm	200	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 93	25 mm	250	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 94	25 mm	300	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 95	25 mm	350	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 96	25 mm	400	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 97	25 mm	450	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 98	25 mm	500	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 18 99	25 mm	600	»CA« type, acc. to ISO 6432	10	M 10 x 1.25
K-07 15 19 00	32 mm	10	»CM« type	12	M 10 x 1.25
K-07 15 19 01	32 mm	15	»CM« type	12	M 10 x 1.25
K-07 15 19 02	32 mm	20	»CM« type	12	M 10 x 1.25
K-07 15 19 03	32 mm	25	»CM« type	12	M 10 x 1.25
K-07 15 19 04	32 mm	30	»CM« type	12	M 10 x 1.25

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**K-RUNDZYLINDER DOPP O E D MI**

(Continued)

Round cylinders, double-acting, with magnet, non-cushioned, »MI« Series

Identification	Ø piston	stroke	Design	Ø piston rod mm	Piston rod thread
K-07 15 19 05	32 mm	40	»CM« type	12	M 10 x 1.25
K-07 15 19 06	32 mm	50	»CM« type	12	M 10 x 1.25
K-07 15 19 07	32 mm	60	»CM« type	12	M 10 x 1.25
K-07 15 19 08	32 mm	75	»CM« type	12	M 10 x 1.25
K-07 15 19 09	32 mm	80	»CM« type	12	M 10 x 1.25
K-07 15 19 10	32 mm	100	»CM« type	12	M 10 x 1.25
K-07 15 19 11	32 mm	125	»CM« type	12	M 10 x 1.25
K-07 15 19 12	32 mm	150	»CM« type	12	M 10 x 1.25
K-07 15 19 13	32 mm	160	»CM« type	12	M 10 x 1.25
K-07 15 19 14	32 mm	175	»CM« type	12	M 10 x 1.25
K-07 15 19 15	32 mm	200	»CM« type	12	M 10 x 1.25
K-07 15 19 16	32 mm	250	»CM« type	12	M 10 x 1.25
K-07 15 19 17	32 mm	300	»CM« type	12	M 10 x 1.25
K-07 15 19 18	32 mm	350	»CM« type	12	M 10 x 1.25
K-07 15 19 19	32 mm	400	»CM« type	12	M 10 x 1.25
K-07 15 19 20	32 mm	450	»CM« type	12	M 10 x 1.25
K-07 15 19 21	32 mm	500	»CM« type	12	M 10 x 1.25
K-07 15 19 22	32 mm	600	»CM« type	12	M 10 x 1.25
K-07 15 19 23	40 mm	10	»CM« type	16	M 12 x 1.25
K-07 15 19 24	40 mm	15	»CM« type	16	M 12 x 1.25
K-07 15 19 25	40 mm	20	»CM« type	16	M 12 x 1.25
K-07 15 19 26	40 mm	25	»CM« type	16	M 12 x 1.25
K-07 15 19 27	40 mm	30	»CM« type	16	M 12 x 1.25
K-07 15 19 28	40 mm	40	»CM« type	16	M 12 x 1.25
K-07 15 19 29	40 mm	50	»CM« type	16	M 12 x 1.25
K-07 15 19 30	40 mm	60	»CM« type	16	M 12 x 1.25
K-07 15 19 31	40 mm	75	»CM« type	16	M 12 x 1.25
K-07 15 19 32	40 mm	80	»CM« type	16	M 12 x 1.25
K-07 15 19 33	40 mm	100	»CM« type	16	M 12 x 1.25
K-07 15 19 34	40 mm	125	»CM« type	16	M 12 x 1.25
K-07 15 19 35	40 mm	150	»CM« type	16	M 12 x 1.25
K-07 15 19 36	40 mm	160	»CM« type	16	M 12 x 1.25
K-07 15 19 37	40 mm	175	»CM« type	16	M 12 x 1.25
K-07 15 19 38	40 mm	200	»CM« type	16	M 12 x 1.25
K-07 15 19 39	40 mm	250	»CM« type	16	M 12 x 1.25
K-07 15 19 40	40 mm	300	»CM« type	16	M 12 x 1.25
K-07 15 19 41	40 mm	350	»CM« type	16	M 12 x 1.25
K-07 15 19 42	40 mm	400	»CM« type	16	M 12 x 1.25
K-07 15 19 43	40 mm	450	»CM« type	16	M 12 x 1.25
K-07 15 19 44	40 mm	500	»CM« type	16	M 12 x 1.25
K-07 15 19 45	40 mm	600	»CM« type	16	M 12 x 1.25



Web: <http://cat.hansa-flex.com/en/KRUNDZYLINDERDOPPOEDMI>

**Accessories:**

- K-FUSSBEFESTIGUNG TYP LB 1 - Foot model, »LB« type
- K-FLANSCHBEFESTIGUNG TYP FA3 - Flange model, »FA« type
- K-SCHWENKLAGER TYP SDB - Counter-hinge model, »SDB« type
- K-SCHWENKGABELBEFESTIGUNG TYP TC - Hinge head model, »TC« type
- K-GABELKOEPFEN TYP Y 1 - Fork model, »Y« type
- K-GELLENKAUGEN TYP UNIT 1 - Rod eye model, »UNIT« type
- K-SENSOREN CS1 RD MIT STECKER - Sensors »CS1« type, cable with M8 plug
- K-SENSOREN CS1 RD OHNE STECKER - Sensors »CS1« type, cable without plug

## K-SENSOREN CS1 RD MIT STECKER

Sensors »CS1« type, cable with M8 plug



Identification	Ø piston	Design
K- 07 15 22 83	8 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 84	10 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 85	12 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 86	16 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 87	20 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 88	25 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 89	32 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 90	40 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 99	8 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 00	10 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 01	12 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 02	16 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 03	20 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 04	25 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 05	32 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 23 06	40 mm	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP
K- 07 15 22 69	12 mm	REED sensor, 2-wire, M 8-plug, 150 mm cable, NO
K- 07 15 22 70	16 mm	REED sensor, 2-wire, M 8-plug, 150 mm cable, NO
K- 07 15 22 67	8 mm	Reed sensor, 2-wire, with M 8 plug, with 150 mm cable length, NO
K- 07 15 22 68	10 mm	Reed sensor, 2-wire, with M 8 plug, with 150 mm cable length, NO
K- 07 15 22 71	20 mm	Reed sensor, 2-wire, with M 8 plug, with 150 mm cable length, NO
K- 07 15 22 72	25 mm	Reed sensor, 2-wire, with M 8 plug, with 150 mm cable length, NO
K- 07 15 22 73	32 mm	Reed sensor, 2-wire, with M 8 plug, with 150 mm cable length, NO
K- 07 15 22 74	40 mm	Reed sensor, 2-wire, with M 8 plug, with 150 mm cable length, NO

Web: <http://cat.hansa-flex.com/en/KSENSORENCS1RDMITSTECKER>

## K-SENSOREN CS1 RD OHNE STECKER

Sensors »CS1« type, cable without plug



Identification	Ø piston	Design
K- 07 15 22 91	8 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 92	10 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 93	12 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 94	16 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 95	20 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 96	25 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 97	32 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 22 98	40 mm	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K- 07 15 23 07	8 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K- 07 15 23 08	10 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K- 07 15 23 09	12 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP



## K-SENSOREN CS1 RD OHNE STECKER

(Continued)

Sensors »CS1« type, cable without plug

Identification	Ø piston	Design
K-07 15 23 10	16 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K-07 15 23 11	20 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K-07 15 23 12	25 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K-07 15 23 13	32 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K-07 15 23 14	40 mm	Hall sensor, 3-wire, with 3 m cable length, NO, PNP
K-07 15 22 75	8 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 76	10 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 77	12 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 78	16 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 79	20 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 80	25 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 81	32 mm	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 82	40 mm	Reed sensor, 2-wire, with 3 m cable length, NO

Web: <http://cat.hansa-flex.com/en/KSENSORENCS1RDOHNESTECKER>

## K-SCHWENKGABELBEFESTIG TC

Hinge head model, »TC« type



Identification	Ø piston
K-07 15 23 93	8 - 10 mm
K-07 15 23 94	12 - 16 mm
K-07 15 23 95	20 - 25 mm
K-07 15 23 96	32 mm
K-07 15 23 97	40 mm

Web: <http://cat.hansa-flex.com/en/KSCHWENKGABELBEFESTIGTC>

## K-FUSSBEFESTIGUNG TYP LB 1

Foot model, »LB« type



Identification	Ø piston
K-07 15 23 78	8 - 10 mm
K-07 15 23 79	12 - 16 mm
K-07 15 23 80	20 - 25 mm



(Continued)

### K-FUSSBEFESTIGUNG TYP LB 1

Foot model, »LB« type

Identification	Ø piston
K- 07 15 23 81	32 mm
K- 07 15 23 82	40 mm



Web: <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNGTYPLB1>

### K-FLANSCHBEFESTIGUNG TYP FA3

Flange model, »FA« type



Identification	Ø piston
K- 07 15 23 98	8 - 10 mm
K- 07 15 23 99	12 - 16 mm
K- 07 15 24 00	20 - 25 mm

Web: <http://cat.hansa-flex.com/en/KFLANSCHBEFESTIGUNGTYPPFA3>

### K-SCHWENKLAGER TYP SDB

Counter-hinge model, »SDB« type



Identification	Ø piston
K- 07 15 24 01	8 - 10 mm
K- 07 15 24 02	12 - 16 mm
K- 07 15 24 03	20 - 25 mm
K- 07 15 24 04	32 mm
K- 07 15 24 05	40 mm



Web: <http://cat.hansa-flex.com/en/KSCHWENKLAGERTYPSDB>

**K-GELENKAUGEN TYP UNIT 1**

Rod eye model, »UNIT« type



lubrication nipple: without

Identification	Ø piston	Thread piston rod
K-07 15 24 10	8 - 10 mm	M 4 x 0.7
K-07 15 24 11	12 - 16 mm / 16 mm / 12 mm	M 6 x 1
K-07 15 24 12	20 mm / 20 mm / 16 mm	M 8 x 1.25

Web: <http://cat.hansa-flex.com/en/KGELENKAUGENTYPUNIT1>**K-GABELKOEPE TYP Y 1**

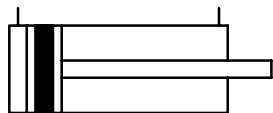
Fork model, »Y« type



Identification	Ø piston	Thread piston rod
K-07 15 24 06	8 - 10 mm	M 4 x 0.7
K-07 15 24 07	12 - 16 mm	M 6 x 1
K-07 15 24 08	20 mm / 25 mm	M 8 x 1.25 / M 10 x 1.25
K-07 15 24 09	32 mm	M 10 x 1.25
K-07 15 23 84	40 mm / 40 mm	M 12 x 1.25

Web: <http://cat.hansa-flex.com/en/KGABELKOEPEFY1>**K-KURZH ZYL DOPPELW IG ASQ**

Short-stroke cylinders, double-acting, with magnet, non-cushioned, with female thread, »ACQ« Series



Specially for use where space is in short supply. Version with magnetic piston. Short-stroke cylinder in two different versions: Series "ACQ", double-acting, Ø 12 – 100

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** 1 - 10 bar (double-acting); 2 - 10 bar (single-acting)

**Temp. range:** -20 °C to +80 °C

**Piston rod:** Hardened steel, thick-chromed

**Piston:** Brass (12 to 16 mm); Aluminium (20 to 100 mm)

**Sealant:** NBR

**Cylinder pipe:** Aluminium

Note: Further information on request

Identification	Ø piston	stroke	Type	Ø piston rod mm	thread internal piston rod
K-07 15 12 15	12 mm	5	1	6	M 3 x 0.5
K-07 15 12 16	12 mm	10	1	6	M 3 x 0.5
K-07 15 12 17	12 mm	20	1	6	M 3 x 0.5
K-07 15 12 18	12 mm	25	1	6	M 3 x 0.5
K-07 15 12 19	12 mm	30	1	6	M 3 x 0.5
K-07 15 12 20	12 mm	35	1	6	M 3 x 0.5





(Continued)

K-KURZH ZYL DOPPELW IG ASQ

Short-stroke cylinders, double-acting, with magnet, non-cushioned, with female thread, »ACQ« Series

Identification	Ø piston	stroke	Type	Ø piston rod mm	thread internal piston rod
K-07 15 12 21	12 mm	40	1	6	M 3 x 0.5
K-07 15 12 22	12 mm	45	1	6	M 3 x 0.5
K-07 15 12 23	12 mm	50	1	6	M 3 x 0.5
K-07 15 12 24	16 mm	5	1	8	M 4 x 0.7
K-07 15 12 25	16 mm	10	1	8	M 4 x 0.7
K-07 15 12 26	16 mm	20	1	8	M 4 x 0.7
K-07 15 12 27	16 mm	25	1	8	M 4 x 0.7
K-07 15 12 28	16 mm	30	1	8	M 4 x 0.7
K-07 15 12 29	16 mm	35	1	8	M 4 x 0.7
K-07 15 12 30	16 mm	40	1	8	M 4 x 0.7
K-07 15 12 31	16 mm	45	1	8	M 4 x 0.7
K-07 15 12 32	16 mm	50	1	8	M 4 x 0.7
K-07 15 12 33	16 mm	55	1	8	M 4 x 0.7
K-07 15 12 34	16 mm	60	1	8	M 4 x 0.7
K-07 15 12 35	20 mm	5	2	10	M 5 x 0.8
K-07 15 12 36	20 mm	10	2	10	M 5 x 0.8
K-07 15 12 37	20 mm	20	2	10	M 5 x 0.8
K-07 15 12 38	20 mm	25	2	10	M 5 x 0.8
K-07 15 12 39	20 mm	30	2	10	M 5 x 0.8
K-07 15 12 40	20 mm	35	2	10	M 5 x 0.8
K-07 15 12 41	20 mm	40	2	10	M 5 x 0.8
K-07 15 12 42	20 mm	45	2	10	M 5 x 0.8
K-07 15 12 43	20 mm	50	2	10	M 5 x 0.8
K-07 15 12 44	20 mm	55	2	10	M 5 x 0.8
K-07 15 12 45	20 mm	60	2	10	M 5 x 0.8
K-07 15 12 46	20 mm	70	2	10	M 5 x 0.8
K-07 15 12 47	20 mm	75	2	10	M 5 x 0.8
K-07 15 12 48	20 mm	80	2	10	M 5 x 0.8
K-07 15 12 49	25 mm	5	2	12	M 6 x 1
K-07 15 12 50	25 mm	10	2	12	M 6 x 1
K-07 15 12 51	25 mm	20	2	12	M 6 x 1
K-07 15 12 52	25 mm	25	2	12	M 6 x 1
K-07 15 12 53	25 mm	30	2	12	M 6 x 1
K-07 15 12 54	25 mm	35	2	12	M 6 x 1
K-07 15 12 55	25 mm	40	2	12	M 6 x 1
K-07 15 12 56	25 mm	45	2	12	M 6 x 1
K-07 15 12 57	25 mm	50	2	12	M 6 x 1
K-07 15 12 58	25 mm	55	2	12	M 6 x 1
K-07 15 12 59	25 mm	60	2	12	M 6 x 1
K-07 15 12 60	25 mm	70	2	12	M 6 x 1
K-07 15 12 61	25 mm	75	2	12	M 6 x 1
K-07 15 12 62	25 mm	80	2	12	M 6 x 1
K-07 15 12 63	32 mm	5	3	16	M 8 x 1.25
K-07 15 12 64	32 mm	10	3	16	M 8 x 1.25
K-07 15 12 65	32 mm	20	3	16	M 8 x 1.25
K-07 15 12 66	32 mm	25	3	16	M 8 x 1.25
K-07 15 12 67	32 mm	30	3	16	M 8 x 1.25
K-07 15 12 68	32 mm	35	3	16	M 8 x 1.25
K-07 15 12 69	32 mm	40	3	16	M 8 x 1.25
K-07 15 12 70	32 mm	45	3	16	M 8 x 1.25
K-07 15 12 71	32 mm	50	3	16	M 8 x 1.25
K-07 15 12 72	32 mm	55	3	16	M 8 x 1.25
K-07 15 12 73	32 mm	60	3	16	M 8 x 1.25
K-07 15 12 74	32 mm	70	3	16	M 8 x 1.25
K-07 15 12 75	32 mm	75	3	16	M 8 x 1.25
K-07 15 12 76	32 mm	80	3	16	M 8 x 1.25
K-07 15 12 77	40 mm	5	3	16	M 8 x 1.25
K-07 15 12 78	40 mm	10	3	16	M 8 x 1.25
K-07 15 12 79	40 mm	20	3	16	M 8 x 1.25
K-07 15 12 80	40 mm	25	3	16	M 8 x 1.25
K-07 15 12 81	40 mm	30	3	16	M 8 x 1.25
K-07 15 12 82	40 mm	35	3	16	M 8 x 1.25
K-07 15 12 83	40 mm	40	3	16	M 8 x 1.25
K-07 15 12 84	40 mm	45	3	16	M 8 x 1.25
K-07 15 12 85	40 mm	50	3	16	M 8 x 1.25



**K-KURZH ZYL DOPPELW IG ASQ**

(Continued)

Short-stroke cylinders, double-acting, with magnet, non-cushioned, with female thread, »ACQ« Series

Identification	Ø piston	stroke	Type	Ø piston rod mm	thread internal piston rod
K-07 15 12 86	40 mm	55	3	16	M 8 x 1.25
K-07 15 12 87	40 mm	60	3	16	M 8 x 1.25
K-07 15 12 88	40 mm	70	3	16	M 8 x 1.25
K-07 15 12 89	40 mm	75	3	16	M 8 x 1.25
K-07 15 12 90	40 mm	80	3	16	M 8 x 1.25
K-07 15 12 91	50 mm	5	3	20	M 10 x 1.5
K-07 15 12 92	50 mm	10	3	20	M 10 x 1.5
K-07 15 12 93	50 mm	20	3	20	M 10 x 1.5
K-07 15 12 94	50 mm	25	3	20	M 10 x 1.5
K-07 15 12 95	50 mm	30	3	20	M 10 x 1.5
K-07 15 12 96	50 mm	35	3	20	M 10 x 1.5
K-07 15 12 97	50 mm	40	3	20	M 10 x 1.5
K-07 15 12 98	50 mm	45	3	20	M 10 x 1.5
K-07 15 12 99	50 mm	50	3	20	M 10 x 1.5
K-07 15 13 00	50 mm	55	3	20	M 10 x 1.5
K-07 15 13 01	50 mm	60	3	20	M 10 x 1.5
K-07 15 13 02	50 mm	70	3	20	M 10 x 1.5
K-07 15 13 03	50 mm	75	3	20	M 10 x 1.5
K-07 15 13 04	50 mm	80	3	20	M 10 x 1.5
K-07 15 13 05	63 mm	5	3	20	M 10 x 1.5
K-07 15 13 06	63 mm	10	3	20	M 10 x 1.5
K-07 15 13 07	63 mm	20	3	20	M 10 x 1.5
K-07 15 13 08	63 mm	25	3	20	M 10 x 1.5
K-07 15 13 09	63 mm	30	3	20	M 10 x 1.5
K-07 15 13 10	63 mm	35	3	20	M 10 x 1.5
K-07 15 13 11	63 mm	40	3	20	M 10 x 1.5
K-07 15 13 12	63 mm	45	3	20	M 10 x 1.5
K-07 15 13 13	63 mm	50	3	20	M 10 x 1.5
K-07 15 13 14	63 mm	55	3	20	M 10 x 1.5
K-07 15 13 15	63 mm	60	3	20	M 10 x 1.5
K-07 15 13 16	63 mm	70	3	20	M 10 x 1.5
K-07 15 13 17	63 mm	75	3	20	M 10 x 1.5
K-07 15 13 18	63 mm	80	3	20	M 10 x 1.5
K-07 15 13 19	80 mm	5	3	25	M 16 x 2
K-07 15 13 20	80 mm	10	3	25	M 16 x 2
K-07 15 13 21	80 mm	20	3	25	M 16 x 2
K-07 15 13 22	80 mm	25	3	25	M 16 x 2
K-07 15 13 23	80 mm	30	3	25	M 16 x 2
K-07 15 13 24	80 mm	35	3	25	M 16 x 2
K-07 15 13 25	80 mm	40	3	25	M 16 x 2
K-07 15 13 26	80 mm	45	3	25	M 16 x 2
K-07 15 13 27	80 mm	50	3	25	M 16 x 2
K-07 15 13 28	80 mm	55	3	25	M 16 x 2
K-07 15 13 29	80 mm	60	3	25	M 16 x 2
K-07 15 13 30	80 mm	70	3	25	M 16 x 2
K-07 15 13 31	80 mm	75	3	25	M 16 x 2
K-07 15 13 32	80 mm	80	3	25	M 16 x 2
K-07 15 12 01	100 mm	5	3	32	M 20 x 2.5
K-07 15 12 02	100 mm	10	3	32	M 20 x 2.5
K-07 15 12 03	100 mm	20	3	32	M 20 x 2.5
K-07 15 12 04	100 mm	25	3	32	M 20 x 2.5
K-07 15 12 05	100 mm	30	3	32	M 20 x 2.5
K-07 15 12 06	100 mm	35	3	32	M 20 x 2.5
K-07 15 12 07	100 mm	40	3	32	M 20 x 2.5
K-07 15 12 08	100 mm	45	3	32	M 20 x 2.5
K-07 15 12 09	100 mm	50	3	32	M 20 x 2.5

Web: <http://cat.hansa-flex.com/en/KKURZHZYLDOPPELWIGASQ>**Accessories:**

K-FUSSBEFESTIGUNG TYP LB 3 - Foot model, »LB« type

K-FLANSCHBEFESTIGUNG TYP FA2 - Flange model, »FA« type

K-SCHWENKGABELBEFESTIGUNG TYP CB 1 - Female hinge model, »CB« type

K-GABELKOEPFEN TYP Y SET 1 - Fork model, »Y« type (incl. threaded adapter)

K-GELENKAUGEN TYP UNIT SET 1 - Rod eye model, »UNIT« type (incl. threaded adapter)

K-SENSOREN CS1 KH MIT STECKER - Sensors »CS1« type, cable with M8 plug

K-SENSOREN CS1 KH OHNE STECKER - Sensors »CS1« type, cable without plug

(Continued)

## K-KURZH ZYL DOPPELW IG ASQ

Short-stroke cylinders, double-acting, with magnet, non-cushioned, with female thread, »ACQ« Series

Identification	Ø piston	stroke	Type	Ø piston rod mm	thread internal piston rod
K-07 15 12 10	100 mm	55	3	32	M 20 x 2.5
K-07 15 12 11	100 mm	60	3	32	M 20 x 2.5
K-07 15 12 12	100 mm	70	3	32	M 20 x 2.5
K-07 15 12 13	100 mm	75	3	32	M 20 x 2.5
K-07 15 12 14	100 mm	80	3	32	M 20 x 2.5

Web: <http://cat.hansa-flex.com/en/KKURZHZYLDOPPELWIGASQ>

## Accessories:

K-FUSSBEFESTIGUNG TYP LB 3 - Foot model, »LB« type

K-FLANSCHBEFESTIGUNG TYP FA2 - Flange model, »FA« type

K-SCHWENKGABELBEFESTIGUNG CB 1 - Female hinge model, »CB« type

K-GABELKOEPFEN TYP Y SET 1 - Fork model, »Y« type (incl. threaded adapter)

K-GELENKAUGEN TYP UNIT SET 1 - Rod eye model, »UNIT« type (incl. threaded adapter)

K-SENSOREN CS1 KH MIT STECKER - Sensors »CS1« type, cable with M8 plug

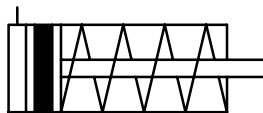
K-SENSOREN CS1 KH OHNE STECKER - Sensors »CS1« type, cable without plug

## K-KURZH ZYL EINFACHW SER ASQ

Short-stroke cylinders, single-acting (pressureless in the retracted position), with magnet, non-cushioned, with female thread, »ASQ« Series

Specially for use where space is in short supply. Version with magnetic piston.

Short-stroke cylinder in two different versions: Series "ACQ", double-acting, Ø 12 – 100 Series "ASQ", single-acting, Ø 12 - 63

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.**Working pressure:** 1 - 10 bar (double-acting); 2 - 10 bar (single-acting)**Temp. range:** -20 °C to +80 °C**Piston rod:** Hardened steel, thick-chromed**Piston:** Brass (12 to 16 mm); Aluminium (20 to 100 mm)**Sealant:** NBR**Cylinder pipe:** Aluminium

Identification	Ø piston	stroke	Type	Ø piston rod mm	thread internal piston rod
K-07 15 13 33	12 mm	5	4	6	M 3 x 0.5
K-07 15 13 34	12 mm	10	4	6	M 3 x 0.5
K-07 15 13 35	12 mm	15	4	6	M 3 x 0.5
K-07 15 13 36	12 mm	20	4	6	M 3 x 0.5
K-07 15 13 37	16 mm	5	4	8	M 4 x 0.7
K-07 15 13 38	16 mm	10	4	8	M 4 x 0.7
K-07 15 13 39	16 mm	15	4	8	M 4 x 0.7
K-07 15 13 40	16 mm	20	4	8	M 4 x 0.7
K-07 15 13 41	20 mm	5	5	10	M 5 x 0.8
K-07 15 13 42	20 mm	10	5	10	M 5 x 0.8
K-07 15 13 43	20 mm	15	5	10	M 5 x 0.8
K-07 15 13 44	20 mm	20	5	10	M 5 x 0.8
K-07 15 13 45	20 mm	25	5	10	M 5 x 0.8
K-07 15 13 46	20 mm	30	5	10	M 5 x 0.8
K-07 15 13 47	25 mm	5	5	12	M 6 x 1
K-07 15 13 48	25 mm	10	5	12	M 6 x 1
K-07 15 13 49	25 mm	15	5	12	M 6 x 1
K-07 15 13 50	25 mm	20	5	12	M 6 x 1
K-07 15 13 51	25 mm	25	5	12	M 6 x 1
K-07 15 13 52	25 mm	30	5	12	M 6 x 1
K-07 15 13 53	32 mm	5	6	16	M 8 x 1.25
K-07 15 13 54	32 mm	10	6	16	M 8 x 1.25
K-07 15 13 55	32 mm	15	6	16	M 8 x 1.25
K-07 15 13 56	32 mm	20	6	16	M 8 x 1.25
K-07 15 13 57	32 mm	25	6	16	M 8 x 1.25
K-07 15 13 58	32 mm	30	6	16	M 8 x 1.25
K-07 15 13 59	40 mm	5	6	16	M 8 x 1.25
K-07 15 13 60	40 mm	10	6	16	M 8 x 1.25
K-07 15 13 61	40 mm	15	6	16	M 8 x 1.25
K-07 15 13 62	40 mm	20	6	16	M 8 x 1.25



## K-KURZH ZYL EINFACHW SER ASQ

(Continued)

Short-stroke cylinders, single-acting (pressureless in the retracted position), with magnet, non-cushioned, with female thread, »ASQ« Series

Identification	Ø piston	stroke	Type	Ø piston rod mm	thread internal piston rod
K-07 15 13 63	40 mm	25	6	16	M 8 x 1.25
K-07 15 13 64	40 mm	30	6	16	M 8 x 1.25
K-07 15 13 65	50 mm	5	6	20	M 10 x 1.5
K-07 15 13 66	50 mm	10	6	20	M 10 x 1.5
K-07 15 13 67	50 mm	15	6	20	M 10 x 1.5
K-07 15 13 68	50 mm	20	6	20	M 10 x 1.5
K-07 15 13 69	50 mm	25	6	20	M 10 x 1.5
K-07 15 13 70	50 mm	30	6	20	M 10 x 1.5
K-07 15 13 71	63 mm	5	6	20	M 10 x 1.5
K-07 15 13 72	63 mm	10	6	20	M 10 x 1.5
K-07 15 13 73	63 mm	15	6	20	M 10 x 1.5
K-07 15 13 74	63 mm	20	6	20	M 10 x 1.5
K-07 15 13 75	63 mm	25	6	20	M 10 x 1.5
K-07 15 13 76	63 mm	30	6	20	M 10 x 1.5

**Web:** <http://cat.hansa-flex.com/en/KKURZHZYLEINFACHWSERASQ>

### Accessories:

**K-FUSSBEFESTIGUNG TYP LB 3** - Foot model, »LB« type

**K-FLANSCHBEFESTIGUNG TYP FA2** - Flange model, »FA« type

**K-SCHWENKGABELBEFESTIG CB 1** - Female hinge model, »CB« type

**K-GABELKOEPE TYP Y SET 1** - Fork model, »Y« type (incl. threaded adapter)

**K-GELENKAUGEN TYP UNIT SET 1** - Rod eye model, »UNIT« type (incl. threaded adapter)

**K-SENSOREN CS1 KH MIT STECKER** - Sensors »CS1« type, cable with M8 plug

**K-SENSOREN CS1 KH OHNE STECKER** - Sensors »CS1« type, cable without plug

## K-SENSOREN CS1 KH OHNE STECKER

Sensors »CS1« type, cable without plug



Identification	Design
K-07 15 22 56	Reed sensor, 2-wire, with 3 m cable length, NO
K-07 15 22 58	Hall sensor, 3-wire, with 3 m cable length, NO, NPN
K-07 15 22 60	Hall sensor, 3-wire, with 3 m cable length, NO, PNP

**Web:** <http://cat.hansa-flex.com/en/KSENSORENCS1KHOHNESTECKER>

### K-SENSOREN CS1 KH MIT STECKER

Sensors »CS1« type, cable with M8 plug



Identification	Design
K- 07 15 22 55	REED sensor, 2-wire, M 8-plug, 150 mm cable, NO
K- 07 15 22 57	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, NPN
K- 07 15 22 59	Hall sensor, 3-wire, with M 8 plug, with 150 mm cable length, NO, PNP

**Web:** <http://cat.hansa-flex.com/en/KSENSORENCS1KHMITSTECKER>

### K-GELENKAUGEN TYP UNIT SET 1

Rod eye model, »UNIT« type (incl. threaded adapter)

**lubrication nipple:** without



Identification	Ø piston	thread internal piston rod
K- 07 15 23 16	12 mm	M 3 x 0.5
K- 07 15 23 18	16 mm	M 4 x 0.7
K- 07 15 23 19	20 mm	M 5 x 0.8
K- 07 15 23 21	25 mm	M 6 x 1
K- 07 15 23 23	32 - 40 mm	M 8 x 1.25
K- 07 15 23 32	50 - 63 mm	M 10 x 1.25

**Web:** <http://cat.hansa-flex.com/en/KGELENKAUGENTYPUNITSET1>

### K-GABELKOEPFEN TYP Y SET 1

Fork model, »Y« type (incl. threaded adapter)



Identification	Ø piston	thread internal piston rod
K- 07 15 24 84	80 mm	M 16 x 2
K- 07 15 24 85	100 mm	M 20 x 2.5
K- 07 15 24 79	32 - 40 mm	M 8 x 1.25
K- 07 15 24 81	50 - 63 mm	M 10 x 1.5
K- 07 15 24 75	20 mm	M 5 x 0.8
K- 07 15 24 77	25 mm	M 6 x 1



## K-GABELKOEPFE TYP Y SET 1

(Continued)

Fork model, »Y« type (incl. threaded adapter)

Identification	Ø piston	thread internal piston rod
K-07 15 24 71	12 mm	M 3 x 0.5
K-07 15 24 73	16 mm	M 4 x 0.7

Web: <http://cat.hansa-flex.com/en/KGABELKOEPFETYPYSET1>

## K-FLANSCHBEFESTIGUNG TYP FA2

Flange model, »FA« type



Identification	Ø piston
K-07 15 24 50	12 mm
K-07 15 24 51	16 mm
K-07 15 24 52	20 mm
K-07 15 24 53	25 mm
K-07 15 24 54	32 mm
K-07 15 24 55	40 mm
K-07 15 24 56	50 mm
K-07 15 24 57	63 mm
K-07 15 24 58	80 mm
K-07 15 24 59	100 mm

Web: <http://cat.hansa-flex.com/en/KFLANSCHBEFESTIGUNGTYPPFA2>

## K-FUSSBEFESTIGUNG TYP LB 3

Foot model, »LB« type



Identification	Ø piston
K-07 15 24 40	12 mm
K-07 15 24 41	16 mm
K-07 15 24 42	20 mm
K-07 15 24 43	25 mm
K-07 15 24 44	32 mm
K-07 15 24 45	40 mm
K-07 15 24 46	50 mm
K-07 15 24 47	63 mm
K-07 15 24 48	80 mm
K-07 15 24 49	100 mm

Web: <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNGTYPLB3>

**K-SCHWENKGABELBEFESTIG CB 1**

Female hinge model, »CB« type



Identification	Ø piston
K- 07 15 24 60	12 mm
K- 07 15 24 61	16 mm
K- 07 15 24 62	20 mm
K- 07 15 24 63	25 mm
K- 07 15 24 64	32 mm
K- 07 15 24 65	40 mm
K- 07 15 24 66	50 mm
K- 07 15 24 67	63 mm
K- 07 15 24 68	80 mm
K- 07 15 24 69	100 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKGABELBEFESTIGCB1>

**K-KOMP ZYL DOPPELW**

Compact cylinders, double-acting, with magnet, non-cushioned

Characterised by a very short and compact design.

**Media:** Filtered compressed air, lubricated (ensure continuity) or unlubricated

**Working pressure:** 1 - 10 bar

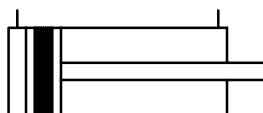
**Temp. range:** -20 °C to +80 °C

**Piston rod:** Stainless steel 1.1191

**Piston:** Aluminium

**Sealant:** NBR

**Cylinder pipe:** Aluminium



**Note:** Further information on request

Identification	Ø piston	stroke	Ø piston rod mm	thread internal piston rod
K- 07 15 09 75	12 mm	5	6	M 3 x 0.5
K- 07 15 09 76	12 mm	10	6	M 3 x 0.5
K- 07 15 09 77	12 mm	15	6	M 3 x 0.5
K- 07 15 09 78	12 mm	20	6	M 3 x 0.5
K- 07 15 09 79	12 mm	25	6	M 3 x 0.5
K- 07 15 09 80	12 mm	30	6	M 3 x 0.5
K- 07 15 09 81	12 mm	35	6	M 3 x 0.5
K- 07 15 09 82	12 mm	40	6	M 3 x 0.5
K- 07 15 09 83	12 mm	45	6	M 3 x 0.5
K- 07 15 09 84	12 mm	50	6	M 3 x 0.5
K- 07 15 09 85	12 mm	55	6	M 3 x 0.5
K- 07 15 09 86	12 mm	60	6	M 3 x 0.5
K- 07 15 09 87	16 mm	5	8	M 4 x 0.7
K- 07 15 09 88	16 mm	10	8	M 4 x 0.7
K- 07 15 09 89	16 mm	15	8	M 4 x 0.7
K- 07 15 09 90	16 mm	20	8	M 4 x 0.7
K- 07 15 09 91	16 mm	25	8	M 4 x 0.7
K- 07 15 09 92	16 mm	30	8	M 4 x 0.7
K- 07 15 09 93	16 mm	35	8	M 4 x 0.7
K- 07 15 09 94	16 mm	40	8	M 4 x 0.7
K- 07 15 09 95	16 mm	45	8	M 4 x 0.7
K- 07 15 09 96	16 mm	50	8	M 4 x 0.7
K- 07 15 09 97	16 mm	55	8	M 4 x 0.7



**K-KOMP ZYL DOPPELW**

(Continued)

## Compact cylinders, double-acting, with magnet, non-cushioned

Identification	Ø piston	stroke	Ø piston rod mm	thread internal piston rod
K-07 15 09 98	16 mm	60	8	M 4 x 0.7
K-07 15 09 99	20 mm	5	10	M 5 x 0.8
K-07 15 10 00	20 mm	10	10	M 5 x 0.8
K-07 15 10 01	20 mm	15	10	M 5 x 0.8
K-07 15 10 02	20 mm	20	10	M 5 x 0.8
K-07 15 10 03	20 mm	25	10	M 5 x 0.8
K-07 15 10 04	20 mm	30	10	M 5 x 0.8
K-07 15 10 05	20 mm	35	10	M 5 x 0.8
K-07 15 10 06	20 mm	40	10	M 5 x 0.8
K-07 15 10 07	20 mm	45	10	M 5 x 0.8
K-07 15 10 08	20 mm	50	10	M 5 x 0.8
K-07 15 10 09	20 mm	55	10	M 5 x 0.8
K-07 15 10 10	20 mm	60	10	M 5 x 0.8
K-07 15 10 11	20 mm	65	10	M 5 x 0.8
K-07 15 10 12	20 mm	70	10	M 5 x 0.8
K-07 15 10 13	20 mm	75	10	M 5 x 0.8
K-07 15 10 14	20 mm	80	10	M 5 x 0.8
K-07 15 10 15	25 mm	5	10	M 5 x 0.8
K-07 15 10 16	25 mm	10	10	M 5 x 0.8
K-07 15 10 17	25 mm	15	10	M 5 x 0.8
K-07 15 10 18	25 mm	20	10	M 5 x 0.8
K-07 15 10 19	25 mm	25	10	M 5 x 0.8
K-07 15 10 20	25 mm	30	10	M 5 x 0.8
K-07 15 10 21	25 mm	35	10	M 5 x 0.8
K-07 15 10 22	25 mm	40	10	M 5 x 0.8
K-07 15 10 23	25 mm	45	10	M 5 x 0.8
K-07 15 10 24	25 mm	50	10	M 5 x 0.8
K-07 15 10 25	25 mm	55	10	M 5 x 0.8
K-07 15 10 26	25 mm	60	10	M 5 x 0.8
K-07 15 10 27	25 mm	65	10	M 5 x 0.8
K-07 15 10 28	25 mm	70	10	M 5 x 0.8
K-07 15 10 29	25 mm	75	10	M 5 x 0.8
K-07 15 10 30	25 mm	80	10	M 5 x 0.8
K-07 15 10 31	32 mm	5	12	M 6 x 1
K-07 15 10 32	32 mm	10	12	M 6 x 1
K-07 15 10 33	32 mm	15	12	M 6 x 1
K-07 15 10 34	32 mm	20	12	M 6 x 1
K-07 15 10 35	32 mm	25	12	M 6 x 1
K-07 15 10 36	32 mm	30	12	M 6 x 1
K-07 15 10 37	32 mm	35	12	M 6 x 1
K-07 15 10 38	32 mm	40	12	M 6 x 1
K-07 15 10 39	32 mm	45	12	M 6 x 1
K-07 15 10 40	32 mm	50	12	M 6 x 1
K-07 15 10 41	32 mm	55	12	M 6 x 1
K-07 15 10 42	32 mm	60	12	M 6 x 1
K-07 15 10 43	32 mm	65	12	M 6 x 1
K-07 15 10 44	32 mm	70	12	M 6 x 1
K-07 15 10 45	32 mm	75	12	M 6 x 1
K-07 15 10 46	32 mm	80	12	M 6 x 1
K-07 15 10 47	32 mm	85	12	M 6 x 1
K-07 15 10 48	32 mm	90	12	M 6 x 1
K-07 15 10 49	32 mm	95	12	M 6 x 1
K-07 15 10 50	32 mm	100	12	M 6 x 1
K-07 15 10 51	40 mm	5	12	M 6 x 1
K-07 15 10 52	40 mm	10	12	M 6 x 1
K-07 15 10 53	40 mm	15	12	M 6 x 1
K-07 15 10 54	40 mm	20	12	M 6 x 1
K-07 15 10 55	40 mm	25	12	M 6 x 1
K-07 15 10 56	40 mm	30	12	M 6 x 1
K-07 15 10 57	40 mm	35	12	M 6 x 1
K-07 15 10 58	40 mm	40	12	M 6 x 1
K-07 15 10 59	40 mm	45	12	M 6 x 1
K-07 15 10 60	40 mm	50	12	M 6 x 1
K-07 15 10 61	40 mm	55	12	M 6 x 1
K-07 15 10 62	40 mm	60	12	M 6 x 1





(Continued)

K-KOMP ZYL DOPPELW

## Compact cylinders, double-acting, with magnet, non-cushioned

Identification	Ø piston	stroke	Ø piston rod mm	thread internal piston rod
K-07 15 10 63	40 mm	65	12	M 6 x 1
K-07 15 10 64	40 mm	70	12	M 6 x 1
K-07 15 10 65	40 mm	75	12	M 6 x 1
K-07 15 10 66	40 mm	80	12	M 6 x 1
K-07 15 10 67	40 mm	85	12	M 6 x 1
K-07 15 10 68	40 mm	90	12	M 6 x 1
K-07 15 10 69	40 mm	95	12	M 6 x 1
K-07 15 10 70	40 mm	100	12	M 6 x 1
K-07 15 10 71	50 mm	5	16	M 8 x 1.25
K-07 15 10 72	50 mm	10	16	M 8 x 1.25
K-07 15 10 73	50 mm	15	16	M 8 x 1.25
K-07 15 10 74	50 mm	20	16	M 8 x 1.25
K-07 15 10 75	50 mm	25	16	M 8 x 1.25
K-07 15 10 76	50 mm	30	16	M 8 x 1.25
K-07 15 10 77	50 mm	35	16	M 8 x 1.25
K-07 15 10 78	50 mm	40	16	M 8 x 1.25
K-07 15 10 79	50 mm	45	16	M 8 x 1.25
K-07 15 10 80	50 mm	50	16	M 8 x 1.25
K-07 15 10 81	50 mm	55	16	M 8 x 1.25
K-07 15 10 82	50 mm	60	16	M 8 x 1.25
K-07 15 10 83	50 mm	65	16	M 8 x 1.25
K-07 15 10 84	50 mm	70	16	M 8 x 1.25
K-07 15 10 85	50 mm	75	16	M 8 x 1.25
K-07 15 10 86	50 mm	80	16	M 8 x 1.25
K-07 15 10 87	50 mm	85	16	M 8 x 1.25
K-07 15 10 88	50 mm	90	16	M 8 x 1.25
K-07 15 10 89	50 mm	95	16	M 8 x 1.25
K-07 15 10 90	50 mm	100	16	M 8 x 1.25
K-07 15 10 91	63 mm	5	16	M 8 x 1.25
K-07 15 10 92	63 mm	10	16	M 8 x 1.25
K-07 15 10 93	63 mm	15	16	M 8 x 1.25
K-07 15 10 94	63 mm	20	16	M 8 x 1.25
K-07 15 10 95	63 mm	25	16	M 8 x 1.25
K-07 15 10 96	63 mm	30	16	M 8 x 1.25
K-07 15 10 97	63 mm	35	16	M 8 x 1.25
K-07 15 10 98	63 mm	40	16	M 8 x 1.25
K-07 15 10 99	63 mm	45	16	M 8 x 1.25
K-07 15 11 00	63 mm	50	16	M 8 x 1.25
K-07 15 11 01	63 mm	55	16	M 8 x 1.25
K-07 15 11 02	63 mm	60	16	M 8 x 1.25
K-07 15 11 03	63 mm	65	16	M 8 x 1.25
K-07 15 11 04	63 mm	70	16	M 8 x 1.25
K-07 15 11 05	63 mm	75	16	M 8 x 1.25
K-07 15 11 06	63 mm	80	16	M 8 x 1.25
K-07 15 11 07	63 mm	85	16	M 8 x 1.25
K-07 15 11 08	63 mm	90	16	M 8 x 1.25
K-07 15 11 09	63 mm	95	16	M 8 x 1.25
K-07 15 11 10	63 mm	100	16	M 8 x 1.25
K-07 15 11 11	80 mm	5	20	M 10 x 1.5
K-07 15 11 12	80 mm	10	20	M 10 x 1.5
K-07 15 11 13	80 mm	15	20	M 10 x 1.5
K-07 15 11 14	80 mm	20	20	M 10 x 1.5
K-07 15 11 15	80 mm	25	20	M 10 x 1.5
K-07 15 11 16	80 mm	30	20	M 10 x 1.5
K-07 15 11 17	80 mm	35	20	M 10 x 1.5
K-07 15 11 18	80 mm	40	20	M 10 x 1.5
K-07 15 11 19	80 mm	45	20	M 10 x 1.5
K-07 15 11 20	80 mm	50	20	M 10 x 1.5
K-07 15 11 21	80 mm	55	20	M 10 x 1.5
K-07 15 11 22	80 mm	60	20	M 10 x 1.5
K-07 15 11 23	80 mm	65	20	M 10 x 1.5
K-07 15 11 24	80 mm	70	20	M 10 x 1.5
K-07 15 11 25	80 mm	75	20	M 10 x 1.5
K-07 15 11 26	80 mm	80	20	M 10 x 1.5
K-07 15 11 27	80 mm	85	20	M 10 x 1.5



## K-KOMP ZYL DOPPELW

(Continued)

Compact cylinders, double-acting, with magnet, non-cushioned

Identification	Ø piston	stroke	Ø piston rod mm	thread internal piston rod
K-07 15 11 28	80 mm	90	20	M 10 x 1.5
K-07 15 11 29	80 mm	95	20	M 10 x 1.5
K-07 15 11 30	80 mm	100	20	M 10 x 1.5
K-07 15 09 55	100 mm	5	25	M 12 x 1.75
K-07 15 09 56	100 mm	10	25	M 12 x 1.75
K-07 15 09 57	100 mm	15	25	M 12 x 1.75
K-07 15 09 58	100 mm	20	25	M 12 x 1.75
K-07 15 09 59	100 mm	25	25	M 12 x 1.75
K-07 15 09 60	100 mm	30	25	M 12 x 1.75
K-07 15 09 61	100 mm	35	25	M 12 x 1.75
K-07 15 09 62	100 mm	40	25	M 12 x 1.75
K-07 15 09 63	100 mm	45	25	M 12 x 1.75
K-07 15 09 64	100 mm	50	25	M 12 x 1.75
K-07 15 09 65	100 mm	55	25	M 12 x 1.75
K-07 15 09 66	100 mm	60	25	M 12 x 1.75
K-07 15 09 67	100 mm	65	25	M 12 x 1.75
K-07 15 09 68	100 mm	70	25	M 12 x 1.75
K-07 15 09 69	100 mm	75	25	M 12 x 1.75
K-07 15 09 70	100 mm	80	25	M 12 x 1.75
K-07 15 09 71	100 mm	85	25	M 12 x 1.75
K-07 15 09 72	100 mm	90	25	M 12 x 1.75
K-07 15 09 73	100 mm	95	25	M 12 x 1.75
K-07 15 09 74	100 mm	100	25	M 12 x 1.75

Web: <http://cat.hansa-flex.com/en/KKOMPZYLDOPPELW>

### Accessories:

- K-FUSSBEFESTIGUNG TYP LB - Foot model, »LB« type
- K-FLANSCHBEFESTIGUNG TYP FA - Flange model, »FA« type
- K-SCHWENKAUGENBEFEST CA 1 - Male hinge model, »CA« type
- K-GABELKOEPFEN TYP Y SET - Fork model, »Y« type (incl. threaded adapter)
- K-GELENKAUGEN TYP UNIT SET - Rod eye model, »UNIT« type (incl. threaded adapter)
- K-SENSOREN CS1 KH MIT STECKER - Sensors »CS1« type, cable with M8 plug
- K-SENSOREN CS1 KH OHNE STECKER - Sensors »CS1« type, cable without plug

## K-GELENKAUGEN TYP UNIT SET

Rod eye model, »UNIT« type (incl. threaded adapter)



lubrication nipple: without

Identification	Ø piston	thread internal piston rod
K-07 15 23 15	12 mm	M 3 x 0.5
K-07 15 23 17	16 mm	M 4 x 0.7
K-07 15 23 20	20 - 25 mm	M 5 x 0.8
K-07 15 23 22	32 - 40 mm	M 6 x 1
K-07 15 23 24	50 - 63 mm	M 8 x 1.25
K-07 15 23 33	80 mm	M 10 x 1.5
K-07 15 23 45	100 mm	M 12 x 1.75

Web: <http://cat.hansa-flex.com/en/KGELENKAUGENTYPUNITSET>

### K-SCHWENKAUGENBEFEST CB

Female hinge model, »CB« type



Identification	Ø piston
K- 07 15 24 34	32 mm
K- 07 15 24 35	40 mm
K- 07 15 24 36	50 mm
K- 07 15 24 37	63 mm
K- 07 15 24 38	80 mm
K- 07 15 24 39	100 mm

**Web:** <http://cat.hansa-flex.com/en/KSCHWENKAUGENBEFESTCB>

### K-FLANSCHBEFESTIGUNG TYP FA

Flange model, »FA« type



Identification	Ø piston
K- 07 15 24 22	12 - 16 mm
K- 07 15 24 23	20 mm
K- 07 15 24 24	25 mm
K- 07 15 24 25	32 mm
K- 07 15 24 26	40 mm
K- 07 15 24 27	50 mm
K- 07 15 24 28	63 mm
K- 07 15 24 29	80 mm
K- 07 15 24 30	100 mm

**Web:** <http://cat.hansa-flex.com/en/KFLANSCHBEFESTIGUNGTYPFA>

## K-GABELKOEPE TYP Y SET

Fork model, »Y« type (incl. threaded adapter)



Identification	Ø piston	thread internal piston rod
K-07 15 24 70	12 mm	M 3 x 0.5
K-07 15 24 72	16 mm	M 4 x 0.7
K-07 15 24 74	20 mm	M 5 x 0.8
K-07 15 24 76	25 mm	M 5 x 0.8
K-07 15 24 78	32 - 40 mm	M 6 x 1
K-07 15 24 80	50 - 63 mm	M 8 x 1.25
K-07 15 24 82	80 mm	M 10 x 1.5
K-07 15 24 83	100 mm	M 12 x 1.75

Web: <http://cat.hansa-flex.com/en/KGABELKOEPEFETYPYSET>

## K-SCHWENKAUGENBEFEST CA 1

Male hinge model, »CA« type

Type: CA



Identification	Ø piston
K-07 15 24 31	12 - 16 mm
K-07 15 24 32	20 mm
K-07 15 24 33	25 mm

Web: <http://cat.hansa-flex.com/en/KSCHWENKAUGENBEFESTCA1>

## K-FUSSBEFESTIGUNG TYP LB

Foot model, »LB« type



Identification	Ø piston
K-07 15 24 13	12 - 16 mm
K-07 15 24 14	20 mm
K-07 15 24 15	25 mm
K-07 15 24 16	32 mm
K-07 15 24 17	40 mm
K-07 15 24 18	50 mm



(Continued)

## K-FUSSBEFESTIGUNG TYP LB

Foot model, »LB« type

Identification	Ø piston
K-07 15 24 19	63 mm
K-07 15 24 20	80 mm
K-07 15 24 21	100 mm

Web: <http://cat.hansa-flex.com/en/KFUSSBEFESTIGUNGTYPLB>

## K-WMV 3/2 STOESSEL

3/2-way miniature valves, with plunger

Miniature valves, 3/2-way type, NC or NO.

**Operating pressure:** 0.5 - 10 bar

**Operating temperature:** -10 °C to +60 °C

**Flow rate 6bar and 5bar:** 35 NI/min

**nominal Ø:** 2,5 mm

**actuation pressure 6bar:** 8 N

**Valve body:** Aluminium

**Pressure button:** Nickel-plated brass

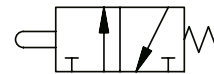
**Spring:** Stainless steel

**Sealant:** NBR

**Note:** Further information on request



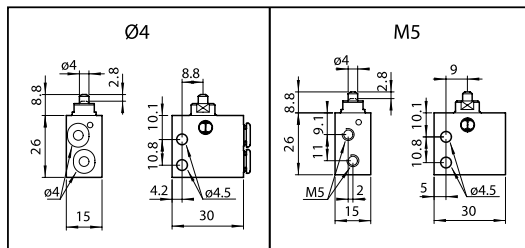
3/2-Wege Ventil NO  
3/2-Way valve N.O.



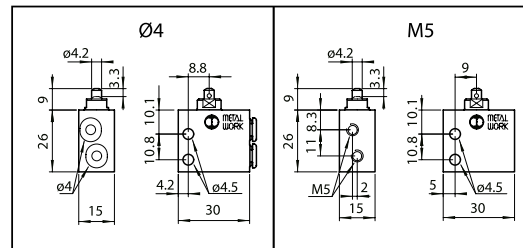
3/2-Wege Ventil NC  
3/2-Way valve N.C.



Identification	Connection	Operating principle
K-07 15 00 88	4 mm side	NO
K-07 15 00 89	M 5 side	NO
K-07 15 00 90	4 mm side	NC
K-07 15 00 91	M 5 side	NC



3/2-Wege Ventil NO / 3/2-way valve, NO



3/2-Wege Ventil NC / 3/2-way valve, NC

Web: <http://cat.hansa-flex.com/en/KWMV32STOESSEL>

## K-WMV 3/2 STOESSEL WAND

3/2-way miniature valves, with plunger, for wall mounting

Miniature valves, 3/2-way type, NC or NO.

**Operating principle:** NC

**Operating pressure:** 0.5 - 10 bar

**Operating temperature:** -10 °C to +60 °C

**Flow rate 6bar and 5bar:** 35 NI/min

**nominal Ø:** 2,5 mm

**actuation pressure 6bar:** 8 N

**Valve body:** Aluminium

**Pressure button:** Nickel-plated brass

**Spring:** Stainless steel

**Sealant:** NBR

**Note:** Further information on request



3/2-Wege Ventil NO  
3/2-Way valve N.O.



3/2-Wege Ventil NC  
3/2-Way valve N.C.



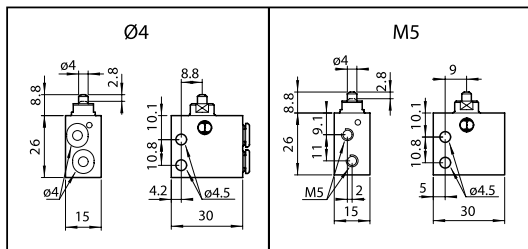
Identification	Connection
K-07 15 00 92	4 mm side
K-07 15 00 93	M 5 side



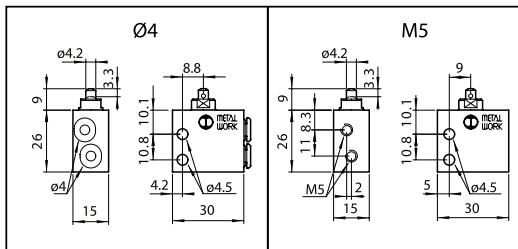
**K-WMV 3/2 STOESSEL WAND**

(Continued)

3/2-way miniature valves, with plunger, for wall mounting



3/2-Wege Ventil NO / 3/2-way valve, NO

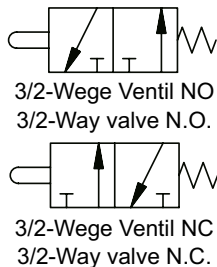


3/2-Wege Ventil NC / 3/2-way valve, NC

Web: <http://cat.hansa-flex.com/en/KWMV32STOESSELWAND>

**K-WMV 3/2 ROLLENHEBEL RUECKL**

3/2-way miniature valves, with free-return roller lever



Miniature valves, 3/2-way type, NC or NO.

- Operating principle:** NC
- Operating pressure:** 0.5 - 10 bar
- Operating temperature:** -10 °C to +60 °C
- Flow rate 6bar and 5bar:** 35 NI/min
- nominal Ø:** 2,5 mm
- actuation pressure 6bar:** 8 N
- Valve body:** Aluminium
- Pressure button:** Nickel-plated brass
- Spring:** Stainless steel
- Sealant:** NBR

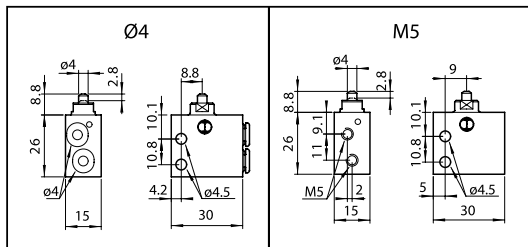
Note: Further information on request

**Identification**

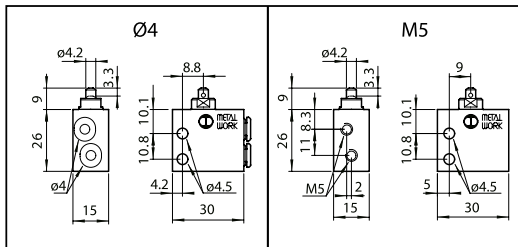
- K-07 15 00 94
- K-07 15 00 95

**Connection**

- 4 mm side
- M 5 side



3/2-Wege Ventil NO / 3/2-way valve, NO



3/2-Wege Ventil NC / 3/2-way valve, NC

Web: <http://cat.hansa-flex.com/en/KWMV32ROLLENHEBELRUECKL>

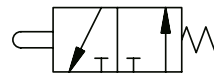
7

**K-WMV 3/2 ROLLENHEBEL**

3/2-way miniature valves, with roller lever

Miniature valves, 3/2-way type, NC or NO.

**Operating principle:** NO  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

3/2-Wege Ventil NO  
 3/2-Way valve N.O.



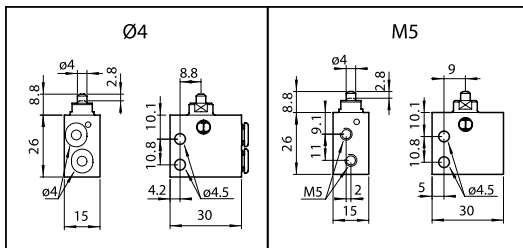
3/2-Wege Ventil NC  
 3/2-Way valve N.C.

**Identification**

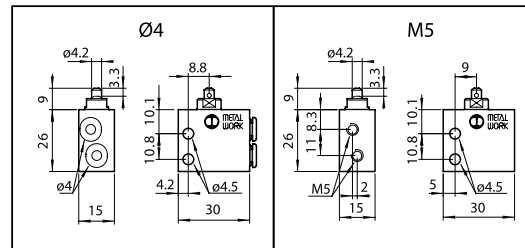
K- 07 15 00 96  
 K- 07 15 00 97  
 K- 07 15 00 98  
 K- 07 15 00 99

**Connection**

4 mm side  
 M 5 side  
 4 mm side  
 M 5 side



3/2-Wege Ventil NO / 3/2-way valve, NO



3/2-Wege Ventil NC / 3/2-way valve, NC

**Web:** <http://cat.hansa-flex.com/en/KWMV32ROLLENHEBEL>**K-WMV 3/2 MANU DRUCKKNOPF**

3/2-way miniature valves, manually operated, with pushbutton

Monostable (non-latching) and bistable (latching) versions available.

**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

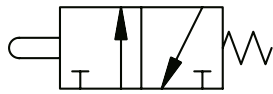
**Note:** Further information on request

Identification	Connection	Operation	Washer
K- 07 15 00 50	4 mm side	monostable	Black
K- 07 15 00 51	4 mm side	monostable	Red
K- 07 15 00 52	M 5 side	monostable	Black
K- 07 15 00 53	M 5 side	monostable	Red

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUDRUCKKNOPF>

**K-WMV 3/2 MANU DREHKNOFF**

3/2-way miniature valves, manually operated, with rotary knob (2 positions)



Monostable (non-latching) and bistable (latching) versions available.

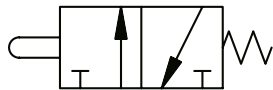
**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Operation
K-07 15 00 54	4 mm side	monostable
K-07 15 00 55	M 5 side	monostable
K-07 15 00 56	4 mm side	bistable
K-07 15 00 57	M 5 side	bistable

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUDREHKNOFF>**K-WMV 3/2 MANU DREHHEBEL**

3/2-way miniature valves, manually operated, with wing lever (2 positions)



Monostable (non-latching) and bistable (latching) versions available.

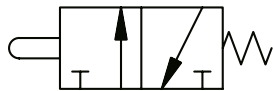
**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Operation
K-07 15 00 58	4 mm side	monostable
K-07 15 00 59	M 5 side	monostable
K-07 15 00 60	4 mm side	bistable
K-07 15 00 61	M 5 side	bistable

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUDREHHEBEL>**K-WMV 3/2 MANU HANDHEBEL**

3/2-way miniature valves, manually operated, with hand lever (non-latching)



Monostable (non-latching) and bistable (latching) versions available.

**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Operation
K-07 15 00 62	4 mm side	monostable
K-07 15 00 63	M 5 side	monostable

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUHANDHEBEL>

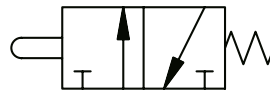


**K-WMV 3/2 MANU ZUGSCHALTER**

3/2-way miniature valves, manually operated, with pull switch, bistable, with lock

Monostable (non-latching) and bistable (latching) versions available.

**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Operation
K- 07 15 00 64	4 mm side	bistable
K- 07 15 00 65	M 5 side	bistable

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUZUGSCHALTER>**K-WMV 3/2 MANU PILZTAST**

3/2-way miniature valves, manually operated, with mushroom pushbutton

Monostable (non-latching) and bistable (latching) versions available.

**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection	Operation
K- 07 15 00 66	4 mm side	monostable
K- 07 15 00 67	M 5 side	monostable

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUPILZTAST>**K-WMV 3/2 MANU PILZTAST NOT**

3/2-way miniature valves, manually operated, with mushroom pushbutton and emergency latch

Monostable (non-latching) and bistable (latching) versions available.

**Operating principle:** NC  
**Operating pressure:** 0.5 - 10 bar  
**Operating temperature:** -10 °C to +60 °C  
**Flow rate 6bar and 5bar:** 35 NI/min  
**nominal Ø:** 2,5 mm  
**actuation pressure 6bar:** 8 N  
**Valve body:** Aluminium  
**Pressure button:** Nickel-plated brass  
**Spring:** Stainless steel  
**Sealant:** NBR

**Note:** Further information on request

Identification	Connection
K- 07 15 00 68	4 mm side
K- 07 15 00 69	M 5 side

**Web:** <http://cat.hansa-flex.com/en/KWMV32MANUPILZTASTNOT>

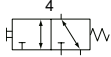
**K-WV 3/2 MANU DRUCKKNOPF**

3/2-way pilot valve, manually operated, with pushbutton, NC



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Operation:</b>	Monostable
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** 3 valve positions only in conjunction with a second 3/2-way valve.  
Corresponds to a 5/3-way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation	Washer
K-07 15 00 76		G 1/8	4	monostable	Red/black

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUDRUCKKNOPF>

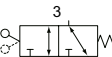
**K-WV 3/2 MANU HANDHEBEL**

3/2-way pilot valve, manually operated, with monostable hand lever, NC



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Operation:</b>	Monostable
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** 3 valve positions only in conjunction with a second 3/2-way valve.  
Corresponds to a 5/3-way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation
K-07 15 00 77		G 1/8	3	monostable

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUHANDHEBEL>

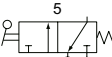
**K-WV 3/2 MANU K DREHHEBEL**

3/2-way pilot valves, manually operated, with short wing lever, NC



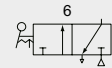
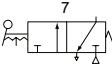
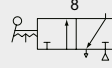
<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** 3 valve positions only in conjunction with a second 3/2-way valve.  
Corresponds to a 5/3-way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation	switch positions
K-07 15 00 78		G 1/8	5	monostable	2

**K-WV 3/2 MANU K DREHHEBEL**

## 3/2-way pilot valves, manually operated, with short wing lever, NC

Identification	Circuit diagram	Connection	Symbol	Operation	switch positions
K-07 15 00 79		G 1/8	6	bistable	2
K-07 15 00 80		G 1/8	7	monostable	3*
K-07 15 00 81		G 1/8	8	bistable	3*

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUKDREHHEBEL>

**K-WV 3/2 MANU L DREHHEBEL**

## 3/2-way pilot valves, manually operated, with long wing lever, NC

**Operating pressure:** 2.5 - 10 bar (monostable)  
1.0 - 10 bar (bistable)  
Max. vacuum 10 bar (external pilot air)

**Temp. range:** -10 °C to +60 °C

**Flow rate 6bar and 10bar:** 550 NI/min

**Flow rate 6bar and 5bar:** 400 NI/min

**Valve body:** Aluminium

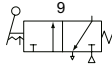
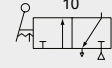
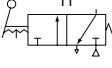
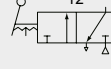
**Spring:** Special steel

**Piston:** Aluminium

**Sealant:** NBR



**Note:** 3 valve positions only in conjunction with a second 3/2-way valve.  
Corresponds to a 5/3-way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation	switch positions
K-07 15 00 82		G 1/8	9	monostable	2
K-07 15 00 83		G 1/8	10	bistable	2
K-07 15 00 84		G 1/8	11	monostable	3*
K-07 15 00 85		G 1/8	12	bistable	3*

**Web:** <http://cat.hansa-flex.com/en/KWV32MANULDREHHEBEL>

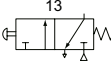
**K-WV 3/2 MANU PILZTAST**

3/2-way pilot valve, manually operated, with mushroom pushbutton, NC



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Operation:</b>	Monostable
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** 3 valve positions only in conjunction with a second 3/2-way valve.  
Corresponds to a 5/3-way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation
K-07 15 00 86		G 1/8	13	monostable

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUPILZTAST>

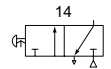
**K-WV 3/2 MANU PILZTAST NOT**

3/2-way pilot valve, manually operated, with mushroom pushbutton and emergency latch, NC



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Operation:</b>	Monostable
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** 3 valve positions only in conjunction with a second 3/2-way valve.  
Corresponds to a 5/3-way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation
K-07 15 00 87		G 1/8	14	monostable

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUPILZTASTNOT>

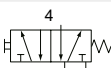
**K-WV 5/2 MANU DRUCKKNOPF**

5/2-way pilot valve, manually operated, with pushbutton



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** \*3 valve positions only in conjunction with a second way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation	Washer
K-07 15 02 35		G 1/8	4	monostable	Red/black

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUDRUCKKNOPF>

**K-WV 5/2 MANU HANDEBEL****5/2-way pilot valve, manually operated, with monostable hand lever**

**Operating pressure:** 2.5 - 10 bar (monostable)  
1.0 - 10 bar (bistable)  
Max. vacuum 10 bar (external pilot air)

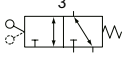
**Temp. range:** -10 °C to +60 °C

**Flow rate 6bar and 10bar:** 550 NI/min  
**Flow rate 6bar and 5bar:** 400 NI/min

**Valve body:** Aluminium  
**Spring:** Special steel  
**Piston:** Aluminium  
**Sealant:** NBR



**Note:** \*3 valve positions only in conjunction with a second way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation
K-07 15 02 36		G 1/8	3	monostable

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUHANDEBEL>

**K-WV 5/2 MANU K DREHHEBEL****5/2-way pilot valves, manually operated, with short wing lever**

**Operating pressure:** 2.5 - 10 bar (monostable)  
1.0 - 10 bar (bistable)  
Max. vacuum 10 bar (external pilot air)

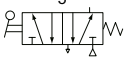
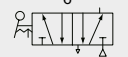
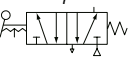
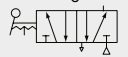
**Temp. range:** -10 °C to +60 °C

**Flow rate 6bar and 10bar:** 550 NI/min  
**Flow rate 6bar and 5bar:** 400 NI/min

**Valve body:** Aluminium  
**Spring:** Special steel  
**Piston:** Aluminium  
**Sealant:** NBR



**Note:** \*3 valve positions only in conjunction with a second way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation	switch positions
K-07 15 02 37		G 1/8	5	monostable	2
K-07 15 02 38		G 1/8	6	bistable	2
K-07 15 02 39		G 1/8	7	monostable	3*
K-07 15 02 40		G 1/8	8	bistable	3*

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUKDREHHEBEL>

**K-WV 5/2 MANU L DREHHEBEL**

5/2-way pilot valves, manually operated, with long wing lever



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** \*3 valve positions only in conjunction with a second way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation	switch positions
K-07 15 02 41	9	G 1/8	9	monostable	2
K-07 15 02 42	10	G 1/8	10	bistable	2
K-07 15 02 43	11	G 1/8	11	monostable	3*
K-07 15 02 44	12	G 1/8	12	bistable	3*

**Web:** <http://cat.hansa-flex.com/en/KWV52MANULDREHHEBEL>

**K-WV 5/2 MANU PILZTAST**

5/2-way pilot valve, manually operated, with mushroom pushbutton



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR

**Note:** \*3 valve positions only in conjunction with a second way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation
K-07 15 02 45	13	G 1/8	13	monostable

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUPILZTAST>

**K-WV 5/2 MANU PILZTAST NOT**

5/2-way pilot valve, manually operated, with mushroom pushbutton and emergency latch

<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar (external pilot air)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min
<b>Flow rate 6bar and 5bar:</b>	400 NI/min
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Aluminium
<b>Sealant:</b>	NBR



**Note:** \*3 valve positions only in conjunction with a second way valve. Further information on request

Identification	Circuit diagram	Connection	Symbol	Operation
K- 07 15 02 46		G 1/8	14	monostable

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUPILZTASTNOT>

**K-ZUBEH ERSATZ 3/2, 5/2 MV**

Accessories / Spare Parts 3/2-, 5/2-way valves



Identification	Description
K- 07 15 25 65	Plunger valve, 3/2-way, monostable, NC, G 1/8
K- 07 15 25 66	Plunger valve, 5/2-way, monostable, NC, G 1/8
K- 07 15 25 93	Adapter for max. 2 valves
K- 07 15 25 94	Pushbutton with red or black disc, monostable
K- 07 15 25 95	Hand lever, red, monostable
K- 07 15 25 97	Short wing lever, black, 2 positions, monostable
K- 07 15 25 96	Short wing lever, black, 2 positions, bistable
K- 07 15 25 99	Short wing lever, black, 3 positions, monostable
K- 07 15 25 98	Short wing lever, black, 3 positions, bistable
K- 07 15 26 01	Long wing lever, black, 2 positions, monostable
K- 07 15 26 00	Long wing lever, black, 2 positions, bistable
K- 07 15 26 03	Long wing lever, black, 3 positions, monostable
K- 07 15 26 02	Long wing lever, black, 3 positions, bistable
K- 07 15 26 11	Lockable switch, two positions, key can be withdrawn in normal position
K- 07 15 26 12	Lockable switch, two positions, key can be withdrawn in any position
K- 07 15 26 06	Mushroom pushbutton, red, monostable
K- 07 15 26 07	Mushroom pushbutton and emergency latch, red

**Web:** <http://cat.hansa-flex.com/en/KZUBEHERSATZ3252MV>

**K-WV 3/2 5/2 5/3 HAND**

## 3/2, 5/2 and 5/3-way pilot valves



<b>Operating pressure:</b>	2.5 - 10 bar (monostable) 1.0 - 10 bar (bistable) Max. vacuum 10 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)
<b>Flow rate 6bar and 5bar:</b>	400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)
<b>Valve body:</b>	Aluminium
<b>Spring:</b>	Special steel
<b>Piston:</b>	Nickel-plated aluminium
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	Operating principle	circuit diagram number
K-07 15 00 70	G 1/8	3/2-way	10
K-07 15 00 71	G 1/8	3/2-way	11
K-07 15 00 72	G 1/4	3/2-way	10
K-07 15 00 73	G 1/4	3/2-way	11
K-07 15 00 74	G 1/2"	3/2-way	10
K-07 15 00 75	G 1/2"	3/2-way	11
K-07 15 02 29	G 1/8	5/2-way	12
K-07 15 02 30	G 1/8	5/2-way	13
K-07 15 02 31	G 1/4	5/2-way	12
K-07 15 02 32	G 1/4	5/2-way	13
K-07 15 02 33	G 1/2"	5/2-way	12
K-07 15 02 34	G 1/2"	5/2-way	13
K-07 15 03 57	G 1/8	5/3-way	14
K-07 15 03 58	G 1/8	5/3-way	15
K-07 15 03 59	G 1/8	5/3-way	16
K-07 15 03 60	G 1/8	5/3-way	17
K-07 15 03 61	G 1/8	5/3-way	18
K-07 15 03 62	G 1/8	5/3-way	19
K-07 15 03 63	G 1/4	5/3-way	14
K-07 15 03 64	G 1/4	5/3-way	15
K-07 15 03 65	G 1/4	5/3-way	16
K-07 15 03 66	G 1/4	5/3-way	17
K-07 15 03 67	G 1/4	5/3-way	18
K-07 15 03 68	G 1/4	5/3-way	19
K-07 15 03 69	G 1/2"	5/3-way	14
K-07 15 03 70	G 1/2"	5/3-way	15
K-07 15 03 71	G 1/2"	5/3-way	16
K-07 15 03 72	G 1/2"	5/3-way	17



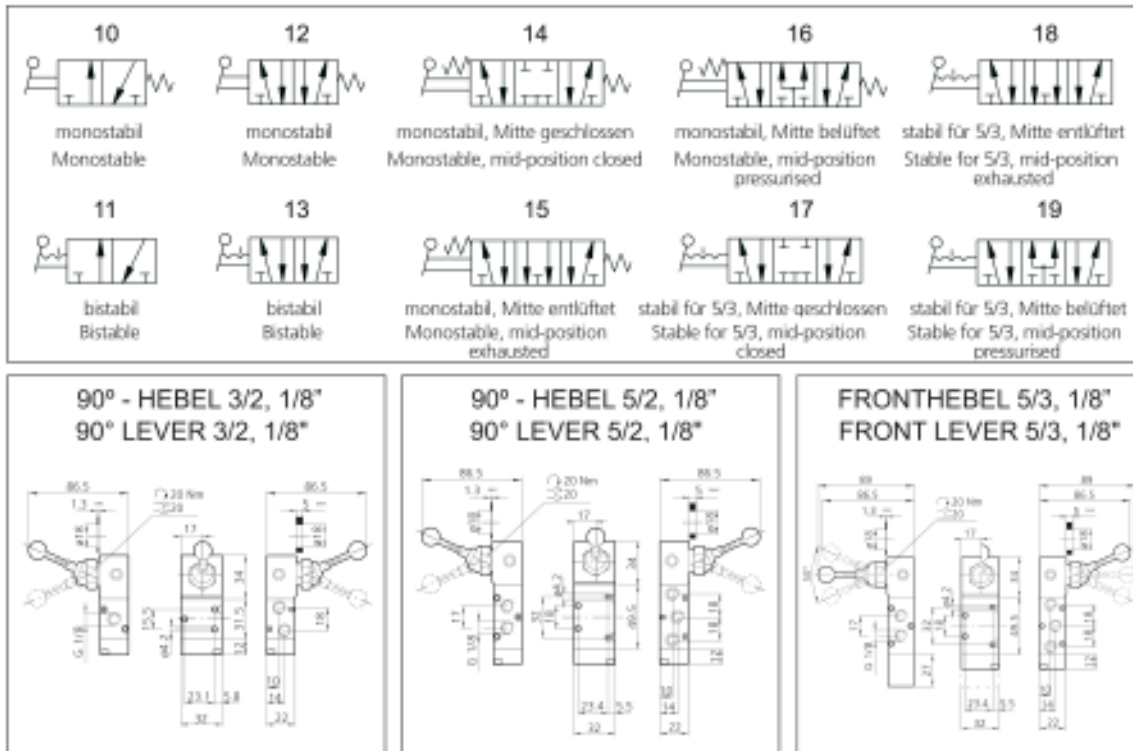


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K-WV 3/2 5/2 5/3 HAND

3/2, 5/2 and 5/3-way pilot valves

Identification	Connection	Operating principle	circuit diagram number
K- 07 15 03 73	G 1/2"	5/3-way	18
K- 07 15 03 74	G 1/2"	5/3-way	19



Web: <http://cat.hansa-flex.com/en/KWV325253HAND>

K-WV 3/2 PNEUMATISCH

3/2-way pilot valves

**Operating pressure:** Max. vacuum 10 bar  
**min. working pressure:** 2.5 bar (monostable), 1.0 bar (bistable)  
**Temp. range:** -10 °C to +60 °C  
**Flow rate 6bar and 10bar:** 550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)  
**Flow rate 6bar and 5bar:** 400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)



**Note:** Further information on request

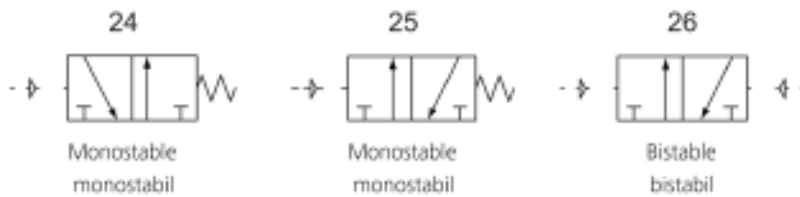
Identification	Connection	DN	Operating principle	circuit diagram number
K- 07 15 00 41	G 1/8	5	3/-way NO	24
K- 07 15 00 42	G 1/4	8	3/-way NO	24
K- 07 15 00 45	G 1/2"	15	3/-way NO	24
K- 07 15 25 67	G 3/8	13	3/-way NO	24
K- 07 15 00 43	G 1/8	5	3/2-way NC	25
K- 07 15 00 44	G 1/4	8	3/2-way NC	25
K- 07 15 00 46	G 1/2"	15	3/2-way NC	25
K- 07 15 25 68	G 3/8	13	3/2-way NC	25
K- 07 15 00 47	G 1/8	5	3/2-way	26
K- 07 15 00 48	G 1/4	8	3/2-way	26

**K-WV 3/2 PNEUMATISCH**

(Continued)

**3/2-way pilot valves**

Identification	Connection	DN	Operating principle	circuit diagram number
K-07 15 25 69	G 3/8	13	3/2-way	26
K-07 15 00 49	G 1/2"	15	3/2-way	26



**Web:** <http://cat.hansa-flex.com/en/KWV32PNEUMATISCH>

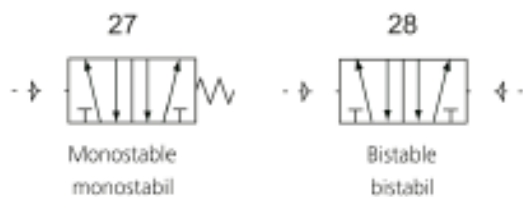
**K-WV 5/2 PNEUMATISCH****5/2-way pilot valves**

**Operating pressure:** Max. vacuum 10 bar  
**min. working pressure:** 2.5 bar (monostable), 1.0 bar (bistable)  
**Temp. range:** -10 °C to +60 °C  
**Flow rate 6bar and 10bar:** 550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)  
**Flow rate 6bar and 5bar:** 400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)



**Note:** Further information on request

Identification	Connection	DN	Operating principle	circuit diagram number
K-07 15 02 11	G 1/8	5	5/2-way	27
K-07 15 02 12	G 1/4	8	5/2-way	27
K-07 15 25 70	G 3/8	13	5/2-way	27
K-07 15 02 15	G 1/2"	15	5/2-way	27
K-07 15 02 13	G 1/8	5	5/2-way	28
K-07 15 02 14	G 1/4	8	5/2-way	28
K-07 15 25 71	G 3/8	13	5/2-way	28
K-07 15 02 16	G 1/2"	15	5/2-way	28



**Web:** <http://cat.hansa-flex.com/en/KWV52PNEUMATISCH>

**K-WV 5/3 MITTELSTELLUNSVENT****5/3-way pilot valves (monostable)**

**Operating pressure:** Max. vacuum 10 bar  
**min. working pressure:** 2.5 bar (monostable), 1.0 bar (bistable)  
**Temp. range:** -10 °C to +60 °C  
**Flow rate 6bar and 10bar:** 550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)  
**Flow rate 6bar and 5bar:** 400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)



**Note:** Further information on request

Identification	Connection	DN	Operating principle	circuit diagram number
K-07 15 03 48	G 1/8	5	5/3-way	29
K-07 15 03 49	G 1/8	5	5/3-way	30
K-07 15 03 50	G 1/8	5	5/3-way	31
K-07 15 03 51	G 1/4	8	5/3-way	29
K-07 15 03 52	G 1/4	8	5/3-way	30
K-07 15 03 53	G 1/4	8	5/3-way	31
K-07 15 25 72	G 3/8	13	5/3-way	29
K-07 15 25 73	G 3/8	13	5/3-way	30
K-07 15 25 74	G 3/8	13	5/3-way	31
K-07 15 03 54	G 1/2"	15	5/3-way	29
K-07 15 03 55	G 1/2"	15	5/3-way	30
K-07 15 03 56	G 1/2"	15	5/3-way	31



**Web:** <http://cat.hansa-flex.com/en/KWV53MITTELSTELLUNSVENT>

**K-WV 3/2 ELEKTROPNEUMATISCH****3/2-way pilot valves**

**Operating pressure:** 2,5 - 10 bar (monostable)  
1,0 - 10 bar (bistable)  
vacuum up to 10 bar (external pilot air)  
**min. working pressure:** 2.5 bar (monostable), 1.0 bar (bistable)  
**Temp. range:** -10 °C to +60 °C  
**Flow rate 6bar and 10bar:** 550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)  
**Flow rate 6bar and 5bar:** 400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)



**Note:** Further information on request

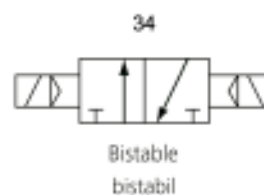
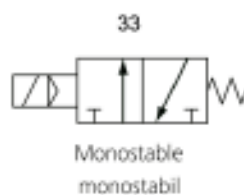
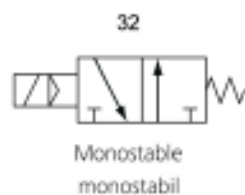
Identification	Connection	Voltage	DN	Operating principle	circuit diagram number
K-07 15 00 23	G 1/8	24 V DC	5	3/-way NO	32
K-07 15 00 24	G 1/4	24 V DC	8	3/-way NO	32
K-07 15 25 75	G 3/8	24 V DC	13	3/-way NO	32
K-07 15 00 25	G 1/2"	24 V DC	15	3/-way NO	32
K-07 15 00 26	G 1/8	230 V, 50 Hz	5	3/-way NO	32
K-07 15 00 27	G 1/4	230 V, 50 Hz	8	3/-way NO	32
K-07 15 25 76	G 3/8	230 V, 50 Hz	13	3/-way NO	32
K-07 15 00 28	G 1/2"	230 V, 50 Hz	15	3/-way NO	32
K-07 15 00 29	G 1/8	24 V DC	5	3/2-way NC	33
K-07 15 00 30	G 1/4	24 V DC	8	3/2-way NC	33

**K-WV 3/2 ELEKTROPNEUMATISCH**

(Continued)

**3/2-way pilot valves**

Identification	Connection	Voltage	DN	Operating principle	circuit diagram number
K-07 15 25 77	G 3/8	24 V DC	13	3/2-way NC	33
K-07 15 00 31	G 1/2"	24 V DC	15	3/2-way NC	33
K-07 15 00 32	G 1/8	230 V, 50 Hz	5	3/2-way NC	33
K-07 15 00 33	G 1/4	230 V, 50 Hz	8	3/2-way NC	33
K-07 15 25 78	G 3/8	230 V, 50 Hz	13	3/2-way NC	33
K-07 15 00 34	G 1/2"	230 V, 50 Hz	15	3/2-way NC	33
K-07 15 00 35	G 1/8	24 V DC	5	3/2-way	34
K-07 15 00 36	G 1/4	24 V DC	8	3/2-way	34
K-07 15 25 79	G 3/8	24 V DC	13	3/2-way	34
K-07 15 00 37	G 1/2"	24 V DC	15	3/2-way	34
K-07 15 00 38	G 1/8	230 V, 50 Hz	5	3/2-way	34
K-07 15 00 39	G 1/4	230 V, 50 Hz	8	3/2-way	34
K-07 15 25 80	G 3/8	230 V, 50 Hz	13	3/2-way	34
K-07 15 00 40	G 1/2"	230 V, 50 Hz	15	3/2-way	34



Web: <http://cat.hansa-flex.com/en/KWV32ELEKTROPNEUMATISCH>

**K-WV 5/2 ELEKTROPNEUMATISCH****5/2-way pilot valves**

**Operating pressure:** 2,5 - 10 bar (monostable)  
1,0 - 10 bar (bistable)  
vacuum up to 10 bar (external pilot air)

**min. working pressure:** 2.5 bar (monostable), 1.0 bar (bistable)

**Temp. range:** -10 °C to +60 °C

**Flow rate 6bar and 10bar:** 550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)

**Flow rate 6bar and 5bar:** 400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)

Note: Further information on request

Identification	Connection	Voltage	DN	Operating principle	circuit diagram number
K-07 15 01 93	G 1/8	24 V DC	5	5/2-way	35
K-07 15 01 94	G 1/4	24 V DC	8	5/2-way	35
K-07 15 25 81	G 3/8	24 V DC	13	5/2-way	35
K-07 15 01 95	G 1/2"	24 V DC	15	5/2-way	35
K-07 15 01 96	G 1/8	230 V, 50 Hz	5	5/2-way	35
K-07 15 01 97	G 1/4	230 V, 50 Hz	8	5/2-way	35
K-07 15 25 82	G 3/8	230 V, 50 Hz	13	5/2-way	35
K-07 15 01 98	G 1/2"	230 V, 50 Hz	15	5/2-way	35
K-07 15 01 99	G 1/8	24 V DC	5	5/2-way	36
K-07 15 02 00	G 1/4	24 V DC	8	5/2-way	36
K-07 15 25 83	G 3/8	24 V DC	13	5/2-way	36
K-07 15 02 01	G 1/2"	24 V DC	15	5/2-way	36
K-07 15 02 02	G 1/8	230 V, 50 Hz	5	5/2-way	36
K-07 15 02 03	G 1/4	230 V, 50 Hz	8	5/2-way	36

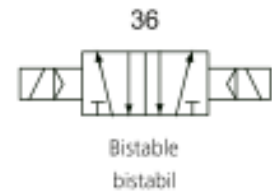
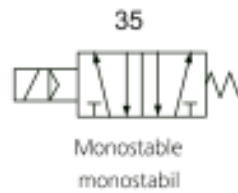


(Continued)

**K-WV 5/2 ELEKTROPNEUMATISCH**

5/2-way pilot valves

Identification	Connection	Voltage	DN	Operating principle	circuit diagram number
K- 07 15 25 84	G 3/8	230 V, 50 Hz	13	5/2-way	36
K- 07 15 02 04	G 1/2"	230 V, 50 Hz	15	5/2-way	36



**Web:** <http://cat.hansa-flex.com/en/KWV52ELEKTROPNEUMATISCH>

**K-WV 5/2 DIFFERENZIALKOLBEN**

5/2-way pilot valves, with differential piston

**Operating pressure:** 2,5 - 10 bar (monostable)  
1,0 - 10 bar (bistable)  
vacuum up to 10 bar (external pilot air)

**min. working pressure:** 2.5 bar (monostable), 1.0 bar (bistable)

**Temp. range:** -10 °C to +60 °C

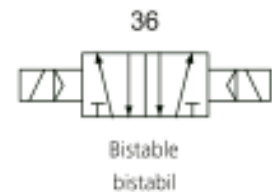
**Flow rate 6bar and 10bar:** 550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)

**Flow rate 6bar and 5bar:** 400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)



**Note:** Further information on request

Identification	Connection	Voltage	DN	Operating principle	circuit diagram number
K- 07 15 02 05	G 1/8	24 V DC	5	5/2-way	36
K- 07 15 02 06	G 1/4	24 V DC	8	5/2-way	36
K- 07 15 25 85	G 3/8	24 V DC	13	5/2-way	36
K- 07 15 02 07	G 1/2"	24 V DC	15	5/2-way	36
K- 07 15 02 08	G 1/8	230 V, 50 Hz	5	5/2-way	36
K- 07 15 02 09	G 1/4	230 V, 50 Hz	8	5/2-way	36
K- 07 15 25 86	G 3/8	230 V, 50 Hz	13	5/2-way	36
K- 07 15 02 10	G 1/2"	230 V, 50 Hz	15	5/2-way	36



**Web:** <http://cat.hansa-flex.com/en/KWV52DIFFERENZIALKOLBEN>

**K-WV 5/3 ELEKTROPNEU MITTELSTELLUNG**

## 5/3-way pilot valves (monostable)



<b>Operating pressure:</b>	2,5 - 10 bar (monostable) 1,0 - 10 bar (bistable) vacuum up to 10 bar (external pilot air)
<b>min. working pressure:</b>	2.5 bar (monostable), 1.0 bar (bistable)
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	550 NI/min (G 1/8), 1100 NI/min (G 1/4), 2150 NI/min (G 3/8), 4600 NI/min (G 1/2)
<b>Flow rate 6bar and 5bar:</b>	400 NI/min (G 1/8), 750 NI/min (G 1/4), 1560 NI/min (G 3/8), 3200 NI/min (G 1/2)

**Note:** Further information on request

Identification	Connection	Voltage	DN	Operating principle	circuit diagram number
K-07 15 03 30	G 1/8	24 V DC	5	5/3-way	37
K-07 15 03 31	G 1/4	24 V DC	8	5/3-way	37
K-07 15 25 87	G 3/8	24 V DC	13	5/3-way	37
K-07 15 03 32	G 1/2"	24 V DC	15	5/3-way	37
K-07 15 03 33	G 1/8	230 V, 50 Hz	5	5/3-way	37
K-07 15 03 34	G 1/4	230 V, 50 Hz	8	5/3-way	37
K-07 15 25 88	G 3/8	230 V, 50 Hz	13	5/3-way	37
K-07 15 03 35	G 1/2"	230 V, 50 Hz	15	5/3-way	37
K-07 15 03 36	G 1/8	24 V DC	5	5/3-way	38
K-07 15 03 37	G 1/4	24 V DC	8	5/3-way	38
K-07 15 25 89	G 3/8	24 V DC	13	5/3-way	38
K-07 15 03 38	G 1/2"	24 V DC	15	5/3-way	38
K-07 15 03 39	G 1/8	230 V, 50 Hz	5	5/3-way	38
K-07 15 03 40	G 1/4	230 V, 50 Hz	8	5/3-way	38
K-07 15 25 90	G 3/8	230 V, 50 Hz	13	5/3-way	38
K-07 15 03 41	G 1/2"	230 V, 50 Hz	15	5/3-way	38
K-07 15 03 42	G 1/8	24 V DC	5	5/3-way	39
K-07 15 25 91	G 3/8	24 V DC	13	5/3-way	39
K-07 15 03 43	G 1/4	24 V DC	8	5/3-way	39
K-07 15 03 44	G 1/2"	24 V DC	15	5/3-way	39
K-07 15 03 45	G 1/8	230 V, 50 Hz	5	5/3-way	39
K-07 15 03 46	G 1/4	230 V, 50 Hz	8	5/3-way	39
K-07 15 25 92	G 3/8	230 V, 50 Hz	13	5/3-way	39
K-07 15 03 47	G 1/2"	230 V, 50 Hz	15	5/3-way	39

37



Mid-position closed  
Zentrum geschlossen

38



Mid-position exhausted  
Zentrum entlüftet

39



Mid-position pressurised  
Zentrum belüftet

**Web:** <http://cat.hansa-flex.com/en/KWV53ELEKTROPNEUMITTELSTELLUNG>

**K-WV 5/2 EINS ELEKTRO**

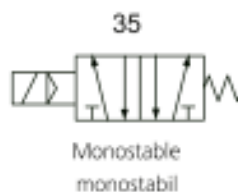
## 5/2-way spool valves, single solenoid

This valve design, featuring the Tapered Tee Seal®, offers the ability to run without lubrication and supports almost any compressed air quality. The valves are largely resistant to dirt and can thus also be used under extreme conditions without any problems.

Leakage is now a thing of the past and the spool no longer sticks, even after long idle periods.

<b>Operating principle:</b>	5/2-way
<b>Operating pressure:</b>	2.5 - 10 bar; Max. vacuum 10 bar (external pilot air)
<b>min. working pressure:</b>	2,5 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	1500 NI/min (G 1/4), 4600 NI/min (G 1/2)
<b>Electrical connection:</b>	Coupler plug PG 9 - form B
<b>Protection IP:</b>	IP 65 (DIN 46244)
<b>Housing:</b>	Anodised aluminium, blue
<b>Piston gate valve:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request



Identification	Connection	Voltage	DN	circuit diagram number
K-07 15 02 21	G 1/4	24 V DC	8	35
K-07 15 02 22	G 1/2"	24 V DC	15	35
K-07 15 02 23	G 1/4	230 V AC, 50 Hz	8	35
K-07 15 02 24	G 1/2"	230 V AC, 50 Hz	15	35

**Web:** <http://cat.hansa-flex.com/en/KWV52EINSELEKTRO>

**K-WV 5/2 BEIDS ELEKTRO**

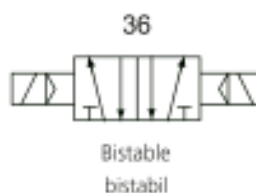
## 5/2-way spool valves, double solenoid

This valve design, featuring the Tapered Tee Seal®, offers the ability to run without lubrication and supports almost any compressed air quality. The valves are largely resistant to dirt and can thus also be used under extreme conditions without any problems.

Leakage is now a thing of the past and the spool no longer sticks, even after long idle periods.

<b>Operating principle:</b>	5/2-way
<b>Operating pressure:</b>	2.5 - 10 bar; Max. vacuum 10 bar (external pilot air)
<b>min. working pressure:</b>	2,5 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	1500 NI/min (G 1/4), 4600 NI/min (G 1/2)
<b>Electrical connection:</b>	Coupler plug PG 9 - form B
<b>Protection IP:</b>	IP 65 (DIN 46244)
<b>Housing:</b>	Anodised aluminium, blue
<b>Piston gate valve:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

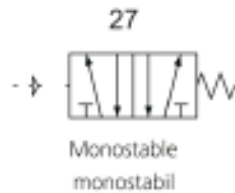


Identification	Connection	Voltage	DN	circuit diagram number
K-07 15 02 25	G 1/4	24 V DC	8	36
K-07 15 02 26	G 1/2"	24 V DC	15	36
K-07 15 02 27	G 1/4	230 V AC, 50 Hz	8	36
K-07 15 02 28	G 1/2"	230 V AC, 50 Hz	15	36

**Web:** <http://cat.hansa-flex.com/en/KWV52BEIDSELEKTRO>

**K-WV 5/2 EINS PNEU**

## 5/2-way spool valves, single pneumatic



This valve design, featuring the Tapered Tee Seal®, offers the ability to run without lubrication and supports almost any compressed air quality. The valves are largely resistant to dirt and can thus also be used under extreme conditions without any problems.

Leakage is now a thing of the past and the spool no longer sticks, even after long idle periods.

<b>Operating principle:</b>	5/2-way
<b>Operating pressure:</b>	2.5 - 10 bar; Max. vacuum 10 bar (external pilot air)
<b>min. working pressure:</b>	2,5 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	1500 NI/min (G 1/4), 4600 NI/min (G 1/2)
<b>Electrical connection:</b>	Coupler plug PG 9 - form B
<b>Protection IP:</b>	IP 65 (DIN 46244)
<b>Housing:</b>	Anodised aluminium, blue
<b>Piston gate valve:</b>	Stainless steel
<b>Sealant:</b>	NBR

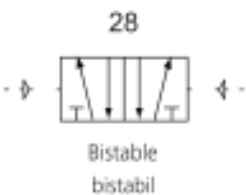
**Note:** Further information on request

Identification	Connection	DN	circuit diagram number
K-07 15 02 17	G 1/4	8	27
K-07 15 02 18	G 1/2"	15	27

**Web:** <http://cat.hansa-flex.com/en/KWV52EINSPNEU>

**K-WV 5/2 BEIDS PNEU**

## 5/2-way spool valves, double pneumatic



This valve design, featuring the Tapered Tee Seal®, offers the ability to run without lubrication and supports almost any compressed air quality. The valves are largely resistant to dirt and can thus also be used under extreme conditions without any problems.

Leakage is now a thing of the past and the spool no longer sticks, even after long idle periods.

<b>Operating principle:</b>	5/2-way
<b>Operating pressure:</b>	2.5 - 10 bar; Max. vacuum 10 bar (external pilot air)
<b>min. working pressure:</b>	2,5 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate 6bar and 10bar:</b>	1500 NI/min (G 1/4), 4600 NI/min (G 1/2)
<b>Electrical connection:</b>	Coupler plug PG 9 - form B
<b>Protection IP:</b>	IP 65 (DIN 46244)
<b>Housing:</b>	Anodised aluminium, blue
<b>Piston gate valve:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Connection	DN	circuit diagram number
K-07 15 02 19	G 1/4	8	28
K-07 15 02 20	G 1/2"	15	28

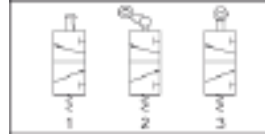
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**K-WV 3/2 MECHA STOESSEL M3**

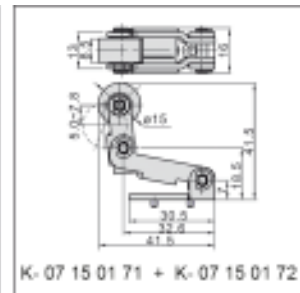
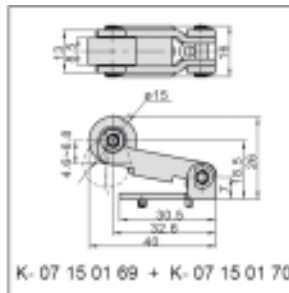
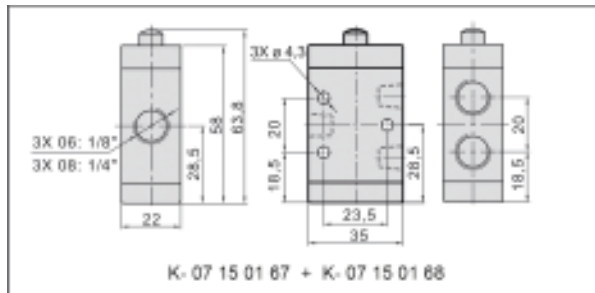
3/2-way valve, mechanically operated, with plunger, NC

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number
K-07 15 01 67	G 1/8	G 1/8	450	1
K-07 15 01 68	G 1/4	G 1/4	550	1

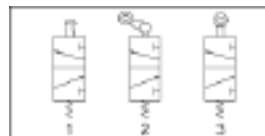


**Web:** <http://cat.hansa-flex.com/en/KWV32MECHASTOESSELM3>

**K-WV 3/2 MECHA ROLLENHEBEL M3**

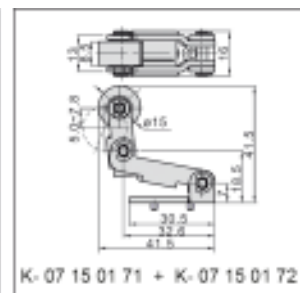
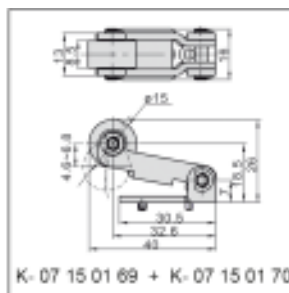
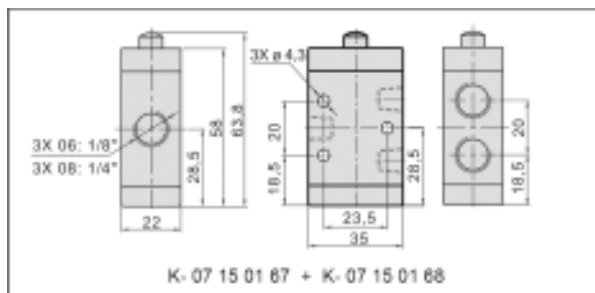
3/2-way valve, mechanically operated, with roller lever, NC

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

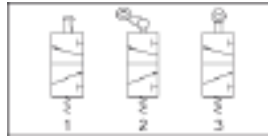
Identification	Connection	Vent port	Flow rate L/min	circuit diagram number
K-07 15 01 69	G 1/8	G 1/8	450	3
K-07 15 01 70	G 1/4	G 1/4	550	3



**Web:** <http://cat.hansa-flex.com/en/KWV32MECHAROLLENHEBELM3>

**K-WV 3/2 MECHA ROLLENHEB RUECKL M3**

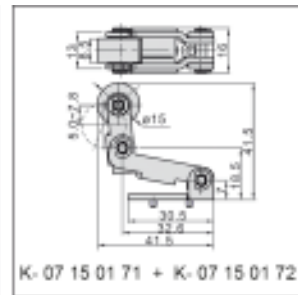
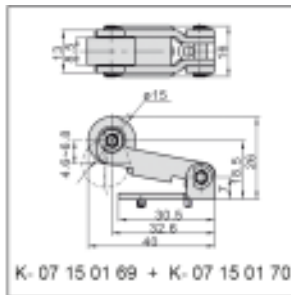
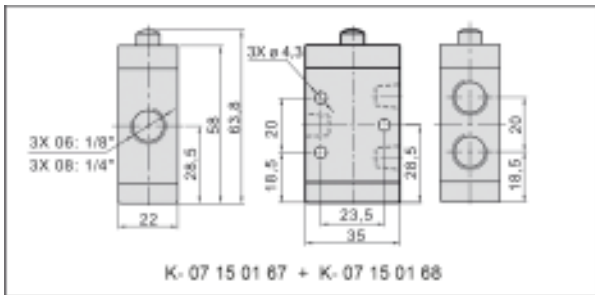
3/2-way valve, mechanically operated, with free-return roller lever, NC



Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop Δp = 1 bar  
 Valve body: Aluminium alloy

Note: Further information on request

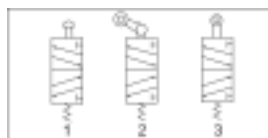
Identification	Connection	Vent port	Flow rate L/min	circuit diagram number
K-07 15 01 71	G 1/8	G 1/8	450	2
K-07 15 01 72	G 1/4	G 1/4	550	2



Web: <http://cat.hansa-flex.com/en/KWV32MECHAROLLENHEBRUECKL M3>

**K-WV 5/2 MECHA STOESSEL M5**

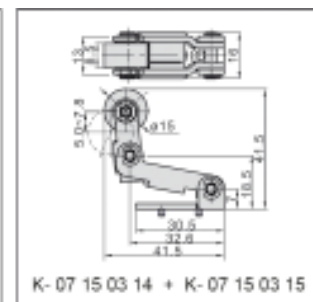
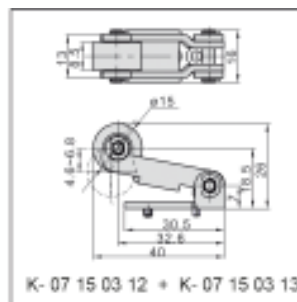
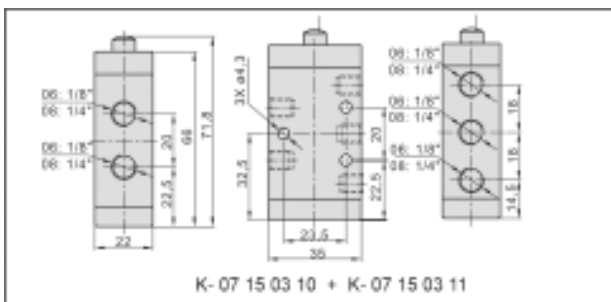
5/2-way valve, mechanically operated, with plunger



Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop Δp = 1 bar  
 Valve body: Aluminium alloy

Note: Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number
K-07 15 03 10	G 1/8	G 1/8	450	1
K-07 15 03 11	G 1/4	G 1/4	550	1



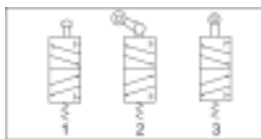
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**K-WV 5/2 MECHA ROLLENHEBEL M5**

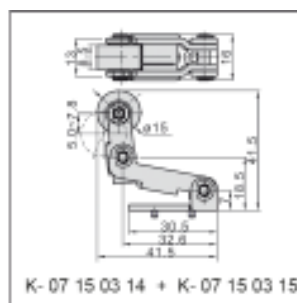
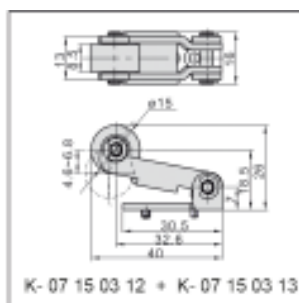
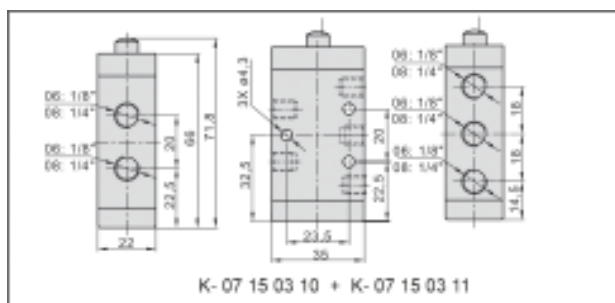
5/2-way valve, mechanically operated, with roller lever

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number
K-07 15 03 12	G 1/8	G 1/8	450	3
K-07 15 03 13	G 1/4	G 1/8	550	3

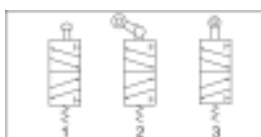


**Web:** <http://cat.hansa-flex.com/en/KWV52MECHAROLLENHEBELM5>

**K-WV 5/2 MECHA ROLLENHEB RUECKL M5**

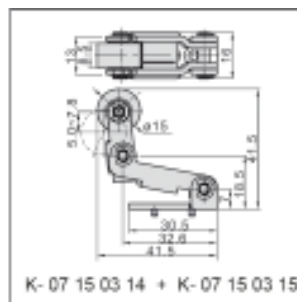
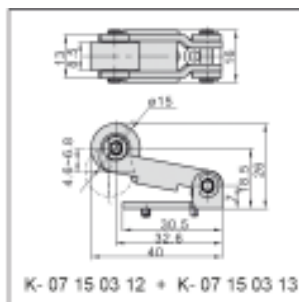
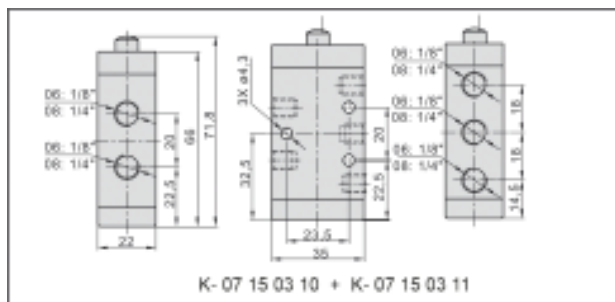
5/2-way valve, mechanically operated, with free-return roller lever

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

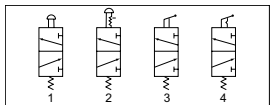
Identification	Connection	Vent port	Flow rate L/min	circuit diagram number
K-07 15 03 14	G 1/8	G 1/8	450	2
K-07 15 03 15	G 1/4	G 1/8	550	2



**Web:** <http://cat.hansa-flex.com/en/KWV52MECHAROLLENHEBRUECKLM5>

**K-WV 3/2 MANU L HEBEL M3**

3/2-way valve, manually operated, with long lever, NC, monostable



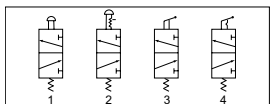
Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
 Valve body: Aluminium alloy

Note: Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 41	G 1/8	G 1/8	450	Black	3
K-07 15 01 42	G 1/4	G 1/4	550	Black	3

Web: <http://cat.hansa-flex.com/en/KWV32MANULHEBELM3>**K-WV 3/2 MANU K HEBEL M3**

3/2-way valve, manually operated, with short lever, NC, monostable



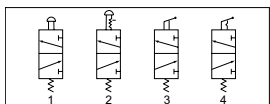
Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
 Valve body: Aluminium alloy

Note: Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 43	G 1/8	G 1/8	450	Black	3
K-07 15 01 44	G 1/4	G 1/4	550	Black	3

Web: <http://cat.hansa-flex.com/en/KWV32MANUKHEBELM3>**K-WV 3/2 MANU KIPPHEBEL M3**

3/2-way valve, manually operated, with rocker lever, NC, bistable



Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
 Valve body: Aluminium alloy

Note: Further information on request

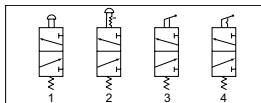
Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 45	G 1/8	G 1/8	450	Black	4
K-07 15 01 46	G 1/4	G 1/4	550	Black	4

Web: <http://cat.hansa-flex.com/en/KWV32MANUKIPPHEBELM3>

**K-WV 3/2 MANU DRUCKKNOPF SCHALT M3**

3/2-way valve, manually operated, with pushbutton, NC, monostable, for panel mounting

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

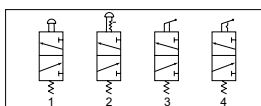
Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 47	G 1/8	G 1/8	450	Black	1
K-07 15 01 48	G 1/8	G 1/8	450	Red	1
K-07 15 01 49	G 1/8	G 1/8	450	green	1
K-07 15 01 50	G 1/4	G 1/4	550	Black	1
K-07 15 01 51	G 1/4	G 1/4	550	Red	1
K-07 15 01 52	G 1/4	G 1/4	550	green	1

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUDRUCKKNOPFSCHALTM3>

**K-WV 3/2 MANU PILZTAST SCHALT M3**

3/2-way valve, manually operated, with mushroom pushbutton, NC, monostable, for panel mounting

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



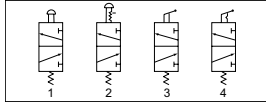
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 53	G 1/8	G 1/8	450	Black	1
K-07 15 01 54	G 1/8	G 1/8	450	Red	1
K-07 15 01 55	G 1/8	G 1/8	450	green	1
K-07 15 01 56	G 1/4	G 1/4	550	Black	1
K-07 15 01 57	G 1/4	G 1/4	550	Red	1
K-07 15 01 58	G 1/4	G 1/4	550	green	1

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUPILZTASTSCHALTM3>

**K-WV 3/2 MANU K DREHHEBEL M3**

3/2-way valve, manually operated, with short wing lever, NC, monostable, for panel mounting



**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

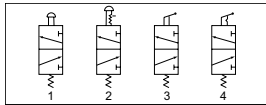
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 59	G 1/8	G 1/8	450	Black	3
K-07 15 01 60	G 1/8	G 1/8	450	Red	3
K-07 15 01 61	G 1/8	G 1/8	450	green	3
K-07 15 01 62	G 1/4	G 1/4	550	Black	3
K-07 15 01 63	G 1/4	G 1/4	550	Red	3
K-07 15 01 64	G 1/4	G 1/4	550	green	3

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUKDREHHEBELM3>

**K-WV 3/2 MANU PILZTAST NOT SCHAL M3**

3/2-way valve, manually operated, with mushroom pushbutton and emergency latch, NC, bistable, for panel mounting



**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

**Note:** Further information on request

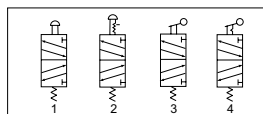
Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 01 65	G 1/8	G 1/8	450	Red	2
K-07 15 01 66	G 1/4	G 1/4	550	Red	2

**Web:** <http://cat.hansa-flex.com/en/KWV32MANUPILZTASTNOTSCHALM3>

**K-WV 5/2 MANU L HEBEL M5**

5/2-way valve, manually operated, with long lever, monostable

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

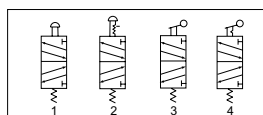
Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K- 07 15 02 84	G 1/8	G 1/8	450	Black	3
K- 07 15 02 85	G 1/4	G 1/8	550	Black	3

**Web:** <http://cat.hansa-flex.com/en/KWV52MANULHEBELM5>

**K-WV 5/2 MANU K HEBEL M5**

5/2-way valve, manually operated, with short lever, monostable

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



**Note:** Further information on request

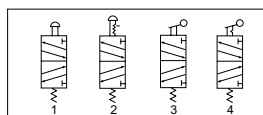
Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K- 07 15 02 86	G 1/8	G 1/8	450	Black	3
K- 07 15 02 87	G 1/4	G 1/8	550	Black	3

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUKHEBELM5>

**K-WV 5/2 MANU KIPPHEBEL M5**

5/2-way valve, manually operated, with rocker lever, bistable

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy



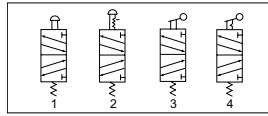
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K- 07 15 02 88	G 1/8	G 1/8	450	Black	4
K- 07 15 02 89	G 1/4	G 1/8	550	Black	4

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUKIPPHEBELM5>

**K-WV 5/2 MANU DRUCKKNOPF SCHALT M5**

5/2-way valve, manually operated, with pushbutton, monostable, for panel mounting



Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
 Valve body: Aluminium alloy

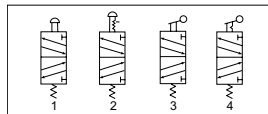
Note: Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 02 90	G 1/8	G 1/8	450	Black	1
K-07 15 02 91	G 1/8	G 1/8	450	Red	1
K-07 15 02 92	G 1/8	G 1/8	450	green	1
K-07 15 02 93	G 1/4	G 1/8	550	Black	1
K-07 15 02 94	G 1/4	G 1/8	550	Red	1
K-07 15 02 95	G 1/4	G 1/8	550	green	1

Web: <http://cat.hansa-flex.com/en/KWV52MANUDRUCKKNOPFSCHALTM5>

**K-WV 5/2 MANU PILZTAST SCHALT M5**

5/2-way valve, manually operated, with mushroom pushbutton, monostable, for panel mounting



Operating pressure: 0 - 10 bar  
 Temp. range: -20 °C to +70 °C  
 Flow rate measurement: At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
 Valve body: Aluminium alloy

Note: Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 02 96	G 1/8	G 1/8	450	Black	1
K-07 15 02 97	G 1/8	G 1/8	450	Red	1
K-07 15 02 98	G 1/8	G 1/8	450	green	1
K-07 15 02 99	G 1/4	G 1/8	550	Black	1
K-07 15 03 00	G 1/4	G 1/8	550	Red	1
K-07 15 03 01	G 1/4	G 1/8	550	green	1

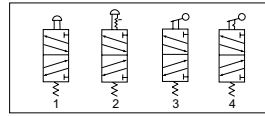
Web: <http://cat.hansa-flex.com/en/KWV52MANUPILZTASTSCHALTM5>



**K-WV 5/2 MANU K DREHHEB SCHALT M5**

5/2-way valve, manually operated, with short wing lever, monostable, for panel mounting

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

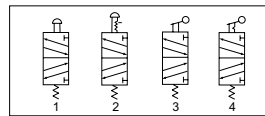
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 03 02	G 1/8	G 1/8	450	Black	3
K-07 15 03 03	G 1/8	G 1/8	450	Red	3
K-07 15 03 04	G 1/8	G 1/8	450	green	3
K-07 15 03 05	G 1/4	G 1/8	550	Black	3
K-07 15 03 06	G 1/4	G 1/8	550	Red	3
K-07 15 03 07	G 1/4	G 1/8	550	green	3

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUKDREHHEBSCHALTM5>**K-WV 5/2 MANU PILZTAS NOT SCHALT M5**

5/2-way valve, manually operated, with mushroom pushbutton and emergency latch, bistable, for panel mounting

**Operating pressure:** 0 - 10 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

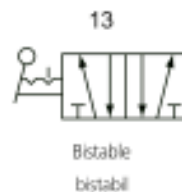
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	switching lever color	circuit diagram number
K-07 15 03 08	G 1/8	G 1/8	450	Red	2
K-07 15 03 09	G 1/4	G 1/8	550	Red	2

**Web:** <http://cat.hansa-flex.com/en/KWV52MANUPILZTASNOTSCHALTM5>**K-WV 5/2 HANDHEBEL RASTEND 4H**

5/2-way valve, operated by hand lever, latching

**Operating pressure:** 0 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Output	Input	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 02 75	G 1/8	G 1/8	G 1/8	750	13	200



**K-WV 5/2 HANDHEBEL RASTEND 4H**

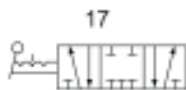
(Continued)

5/2-way valve, operated by hand lever, latching

Identification	Output	Input	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 02 76	G 1/4	G 1/4	G 1/8	850	13	200
K-07 15 02 77	G 1/4	G 1/4	G 1/4	1300	13	300
K-07 15 02 78	G 3/8	G 3/8	G 1/4	1500	13	300

Web: <http://cat.hansa-flex.com/en/KWV52HANDHEBELRASTEND4H>**K-WV 5/3 HANDHEBEL MITTELST 4H**

5/3-way valve, operated by hand lever, mid-position closed, latching



Stable for 5/3,  
mid-position closed  
stabil für 5/3,  
Mitte geschlossen

**Operating pressure:** 0 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

Note: Further information on request

Identification	Output	Input	Vent port	Flow rate L/min	circuit diagram number
K-07 15 04 17	G 1/8	G 1/8	G 1/8	750	17
K-07 15 04 18	G 1/4	G 1/4	G 1/8	850	17
K-07 15 04 19	G 1/4	G 1/4	G 1/4	1300	17
K-07 15 04 20	G 3/8	G 3/8	G 1/4	1500	17

Web: <http://cat.hansa-flex.com/en/KWV53HANDHEBELMITTELST4H>**K-WV 3/2 DRUCKKNOPF SCHALT 3L**

3/2-way valve, operated by pushbutton, for panel mounting

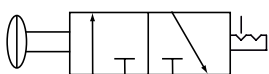


The hand lever latches when pushed or pulled.

**Operating pressure:** 0 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Valve body:** Aluminium alloy

Note: Further information on request

Identification	Connection	Vent port	Flow rate L/min	Size
K-07 15 01 36	G 1/8	G 1/8	500	100
K-07 15 01 37	G 1/8	G 1/8	750	200
K-07 15 01 38	G 1/4	G 1/4	850	200
K-07 15 01 39	G 1/4	G 1/4	1300	300
K-07 15 01 40	G 3/8	G 3/8	1500	300

Web: <http://cat.hansa-flex.com/en/KWV32DRUCKKNOPFSCHALT3L>

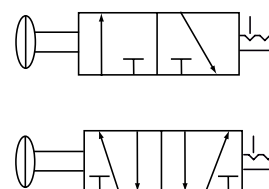
**K-WV 5/2 DRUCKKNOPF SCHALT 3L**

5/2-way valve, operated by pushbutton, for panel mounting

The hand lever latches when pushed or pulled.

**Operating pressure:** 0 - 8 bar**Temp. range:** -20 °C to +70 °C**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar**Valve body:** Aluminium alloy**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	Size
K- 07 15 02 79	G 1/8	G 1/8	500	100
K- 07 15 02 80	G 1/8	G 1/8	750	200
K- 07 15 02 81	G 1/4	G 1/8	850	200
K- 07 15 02 82	G 1/4	G 1/4	1300	300
K- 07 15 02 83	G 3/8	G 1/4	1500	300

**Web:** <http://cat.hansa-flex.com/en/KWV52DRUCKKNOPFSCHALT3L>**K-WV 3/2 MONOSTABIL OFFEN 3A**

3/2-way pilot valve, monostable, normally open (NO)

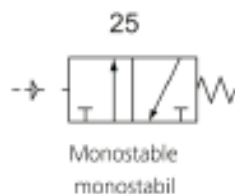
**Operating pressure:** 1.5 - 8 bar**Temp. range:** Up to +70 °C**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar**Control air port:** G 1/8**Valve body:** Aluminium alloy**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K- 07 15 01 73	M 5	M 5	300	24	100
K- 07 15 01 74	G 1/8	G 1/8	500	24	100
K- 07 15 01 75	G 1/8	G 1/8	750	24	200
K- 07 15 01 76	G 1/4	G 1/4	850	24	200
K- 07 15 01 77	G 1/4	G 1/4	1300	24	300
K- 07 15 01 78	G 3/8	G 3/8	1500	24	300

**Web:** <http://cat.hansa-flex.com/en/KWV32MONOSTABILOFFEN3A>

**K-WV 3/2 MONOSTABIL GESCHL 3A**

3/2-way pilot valve, monostable, normally closed (NC)



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy

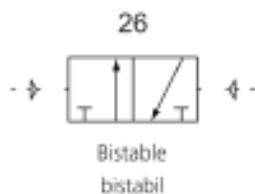
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 01 79	M 5	M 5	300	25	100
K-07 15 01 80	G 1/8	G 1/8	500	25	100
K-07 15 01 81	G 1/8	G 1/8	750	25	200
K-07 15 01 82	G 1/4	G 1/4	850	25	200
K-07 15 01 83	G 1/4	G 1/4	1300	25	300
K-07 15 01 84	G 3/8	G 3/8	1500	25	300

**Web:** <http://cat.hansa-flex.com/en/KWV32MONOSTABILGESCHL3A>

**K-WV 3/2 BISTABIL 3A**

3/2-way pilot valve, bistable



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 01 85	M 5	M 5	300	26	100
K-07 15 01 86	G 1/8	G 1/8	500	26	100
K-07 15 01 87	G 1/8	G 1/8	750	26	200
K-07 15 01 88	G 1/4	G 1/4	850	26	200
K-07 15 01 89	G 1/4	G 1/4	1300	26	300
K-07 15 01 90	G 3/8	G 3/8	1500	26	300

**Web:** <http://cat.hansa-flex.com/en/KWV32BISTABIL3A>

**K-WV 5/2 MONOSTABIL 4A**

5/2-way pilot valve, monostable

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy



**Note:** Further information on request

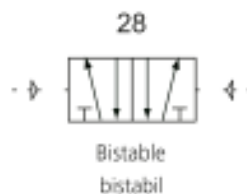
Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 03 16	M 5	M 5	300	27	100
K-07 15 03 17	G 1/8	G 1/8	500	27	100
K-07 15 03 18	G 1/8	G 1/8	750	27	200
K-07 15 03 19	G 1/4	G 1/8	850	27	200
K-07 15 03 20	G 1/4	G 1/4	1300	27	300
K-07 15 03 21	G 3/8	G 1/4	1500	27	300
K-07 15 03 22	G 1/2"	G 1/2	2000	27	400

**Web:** <http://cat.hansa-flex.com/en/KWV52MONOSTABIL4A>

**K-WV 5/2 BISTABIL 4A**

5/2-way pilot valve, bistable

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy



**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 03 23	M 5	M 5	300	28	100
K-07 15 03 24	G 1/8	G 1/8	500	28	100
K-07 15 03 25	G 1/8	G 1/8	750	28	200
K-07 15 03 26	G 1/4	G 1/8	850	28	200
K-07 15 03 27	G 1/4	G 1/4	1300	28	300
K-07 15 03 28	G 3/8	G 1/4	1500	28	300
K-07 15 03 29	G 1/2"	G 1/2	2000	28	400

**Web:** <http://cat.hansa-flex.com/en/KWV52BISTABIL4A>

**K-WV 5/3 PNEU ZENTRUM GESCHLOSS 4A**

5/3-way pilot valve, mid-position closed



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 04 21	M 5	M 5	250	29	100
K-07 15 04 22	G 1/8	G 1/8	400	29	100
K-07 15 04 23	G 1/8	G 1/8	550	29	200
K-07 15 04 24	G 1/4	G 1/8	550	29	200
K-07 15 04 25	G 1/4	G 1/4	950	29	300
K-07 15 04 26	G 3/8	G 1/4	950	29	300
K-07 15 04 27	G 1/2"	G 1/2	1600	29	400

**Web:** <http://cat.hansa-flex.com/en/KWV53PNEUZENTRUMGESCHLOSS4A>**K-WV 5/3 PNEU ZENTRUM ENTLUEFTET 4A**

5/3-way pilot valve, mid-position exhausted



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 04 28	M 5	M 5	250	30	100
K-07 15 04 29	G 1/8	G 1/8	400	30	100
K-07 15 04 30	G 1/8	G 1/8	550	30	200
K-07 15 04 31	G 1/4	G 1/8	550	30	200
K-07 15 04 32	G 1/4	G 1/4	950	30	300
K-07 15 04 33	G 3/8	G 1/4	950	30	300
K-07 15 04 34	G 1/2"	G 1/2	1600	30	400

**Web:** <http://cat.hansa-flex.com/en/KWV53PNEUZENTRUMENTLUEFTET4A>

**K-WV 5/3 PNEU ZENTRUM BELUEFTET 4A**

5/3-way pilot valve, mid-position pressurised

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** Up to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Control air port:** G 1/8  
**Valve body:** Aluminium alloy



**Note:** Further information on request

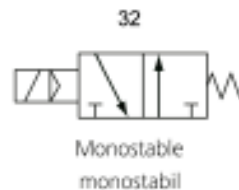
Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Size
K-07 15 04 35	M 5	M 5	250	31	100
K-07 15 04 36	G 1/8	G 1/8	400	31	100
K-07 15 04 37	G 1/8	G 1/8	550	31	200
K-07 15 04 38	G 1/4	G 1/8	550	31	200
K-07 15 04 39	G 1/4	G 1/4	950	31	300
K-07 15 04 40	G 3/8	G 1/4	950	31	300
K-07 15 04 41	G 1/2"	G 1/2	1600	31	400

**Web:** <http://cat.hansa-flex.com/en/KWV53PNEUZENTRUMBELUEFTET4A>

**K-WV 3/2 ELEKTROPNEU MONO OFFEN 3V**

3/2-way pilot valve, monostable, normally open (NO)

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy



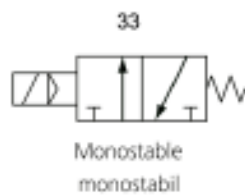
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 01 00	M 5	M 5	300	32	24 V DC	100
K-07 15 01 01	G 1/8	G 1/8	500	32	24 V DC	100
K-07 15 01 02	G 1/8	G 1/8	750	32	24 V DC	200
K-07 15 01 03	G 1/4	G 1/4	850	32	24 V DC	200
K-07 15 01 04	G 1/4	G 1/4	1300	32	24 V DC	300
K-07 15 01 05	G 3/8	G 3/8	1500	32	24 V DC	300
K-07 15 01 06	M 5	M 5	300	32	230 V, 50 Hz	100
K-07 15 01 07	G 1/8	G 1/8	500	32	230 V, 50 Hz	100
K-07 15 01 08	G 1/8	G 1/8	750	32	230 V, 50 Hz	200
K-07 15 01 09	G 1/4	G 1/4	850	32	230 V, 50 Hz	200
K-07 15 01 10	G 1/4	G 1/4	1300	32	230 V, 50 Hz	300
K-07 15 01 11	G 3/8	G 3/8	1500	32	230 V, 50 Hz	300

**Web:** <http://cat.hansa-flex.com/en/KWV32ELEKTROPNEUMONOOFFEN3V>

**K-WV 3/2 ELEKTROPNEU MONO GESCHL 3V**

3/2-way pilot valve, monostable, normally closed (NC)



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy

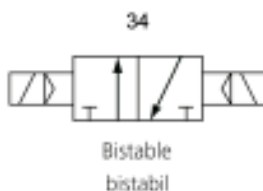
**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 01 12	M 5	M 5	300	33	24 V DC	100
K-07 15 01 13	G 1/8	G 1/8	500	33	24 V DC	100
K-07 15 01 14	G 1/8	G 1/8	750	33	24 V DC	200
K-07 15 01 15	G 1/4	G 1/4	850	33	24 V DC	200
K-07 15 01 16	G 1/4	G 1/4	1300	33	24 V DC	300
K-07 15 01 17	G 3/8	G 3/8	1500	33	24 V DC	300
K-07 15 01 18	M 5	M 5	300	33	230 V, 50 Hz	100
K-07 15 01 19	G 1/8	G 1/8	500	33	230 V, 50 Hz	100
K-07 15 01 20	G 1/8	G 1/8	750	33	230 V, 50 Hz	200
K-07 15 01 21	G 1/4	G 1/4	850	33	230 V, 50 Hz	200
K-07 15 01 22	G 1/4	G 1/4	1300	33	230 V, 50 Hz	300
K-07 15 01 23	G 3/8	G 3/8	1500	33	230 V, 50 Hz	300

**Web:** <http://cat.hansa-flex.com/en/KWV32ELEKTROPNEUMONOGESCHL3V>

**K-WV 3/2 ELEKTROPNEU BISTABIL 3V**

3/2-way pilot valve, bistable



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 01 24	M 5	M 5	300	34	24 V DC	100
K-07 15 01 25	G 1/8	G 1/8	500	34	24 V DC	100
K-07 15 01 26	G 1/8	G 1/8	750	34	24 V DC	200
K-07 15 01 27	G 1/4	G 1/4	850	34	24 V DC	200
K-07 15 01 28	G 1/4	G 1/4	1300	34	24 V DC	300
K-07 15 01 29	G 3/8	G 3/8	1500	34	24 V DC	300
K-07 15 01 30	M 5	M 5	300	34	230 V, 50 Hz	100
K-07 15 01 31	G 1/8	G 1/8	500	34	230 V, 50 Hz	100
K-07 15 01 32	G 1/8	G 1/8	750	34	230 V, 50 Hz	200
K-07 15 01 33	G 1/4	G 1/4	850	34	230 V, 50 Hz	200
K-07 15 01 34	G 1/4	G 1/4	1300	34	230 V, 50 Hz	300
K-07 15 01 35	G 3/8	G 3/8	1500	34	230 V, 50 Hz	300

**Web:** <http://cat.hansa-flex.com/en/KWV32ELEKTROPNEUBISTABIL3V>



**K-WV 5/2 ELEKTROPNEU MONOSTABIL 4V**

5/2-way pilot valve, monostable

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy



**Note:** Further information on request

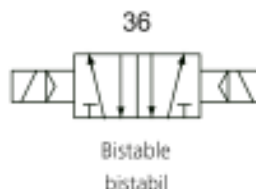
Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 02 47	M 5	M 5	300	35	24 V DC	100
K-07 15 02 48	G 1/8	G 1/8	500	35	24 V DC	100
K-07 15 02 49	G 1/8	G 1/8	750	35	24 V DC	200
K-07 15 02 50	G 1/4	G 1/8	850	35	24 V DC	200
K-07 15 02 51	G 1/4	G 1/4	1300	35	24 V DC	300
K-07 15 02 52	G 3/8	G 1/4	1500	35	24 V DC	300
K-07 15 02 53	G 1/2"	G 1/2	2000	35	24 V DC	400
K-07 15 02 54	M 5	M 5	300	35	230 V, 50 Hz	100
K-07 15 02 55	G 1/8	G 1/8	500	35	230 V, 50 Hz	100
K-07 15 02 56	G 1/8	G 1/8	750	35	230 V, 50 Hz	200
K-07 15 02 57	G 1/4	G 1/8	850	35	230 V, 50 Hz	200
K-07 15 02 58	G 1/4	G 1/4	1300	35	230 V, 50 Hz	300
K-07 15 02 59	G 3/8	G 1/4	1500	35	230 V, 50 Hz	300
K-07 15 02 60	G 1/2"	G 1/2	2000	35	230 V, 50 Hz	400

**Web:** <http://cat.hansa-flex.com/en/KWV52ELEKTROPNEUMONOSTABIL4V>

**K-WV 5/2 ELEKTROPNEU BISTABIL 4V**

5/2-way pilot valve, bistable

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy



**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 02 61	M 5	M 5	300	36	24 V DC	100
K-07 15 02 62	G 1/8	G 1/8	500	36	24 V DC	100
K-07 15 02 63	G 1/8	G 1/8	750	36	24 V DC	200
K-07 15 02 64	G 1/4	G 1/8	850	36	24 V DC	200
K-07 15 02 65	G 1/4	G 1/4	1300	36	24 V DC	300
K-07 15 02 66	G 3/8	G 1/4	1500	36	24 V DC	300
K-07 15 02 67	G 1/2"	G 1/2	2000	36	24 V DC	400
K-07 15 02 68	M 5	M 5	300	36	230 V, 50 Hz	100
K-07 15 02 69	G 1/8	G 1/8	500	36	230 V, 50 Hz	100
K-07 15 02 70	G 1/8	G 1/8	750	36	230 V, 50 Hz	200
K-07 15 02 71	G 1/4	G 1/8	850	36	230 V, 50 Hz	200
K-07 15 02 72	G 1/4	G 1/4	1300	36	230 V, 50 Hz	300
K-07 15 02 73	G 3/8	G 1/4	1500	36	230 V, 50 Hz	300
K-07 15 02 74	G 1/2"	G 1/2	2000	36	230 V, 50 Hz	400

**Web:** <http://cat.hansa-flex.com/en/KWV52ELEKTROPNEUBISTABIL4V>

**K-WV 5/3 ELEKTROPNEU ZENT GESCHL 4V**

5/3-way pilot valve, mid-position closed



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 03 75	M 5	M 5	250	37	24 V DC	100
K-07 15 03 76	G 1/8	G 1/8	400	37	24 V DC	100
K-07 15 03 77	G 1/8	G 1/8	550	37	24 V DC	200
K-07 15 03 78	G 1/4	G 1/8	550	37	24 V DC	200
K-07 15 03 79	G 1/4	G 1/4	950	37	24 V DC	300
K-07 15 03 80	G 3/8	G 1/4	950	37	24 V DC	300
K-07 15 03 81	G 1/2"	G 1/2	1600	37	24 V DC	400
K-07 15 03 82	M 5	M 5	250	37	230 V, 50 Hz	100
K-07 15 03 83	G 1/8	G 1/8	400	37	230 V, 50 Hz	100
K-07 15 03 84	G 1/8	G 1/8	550	37	230 V, 50 Hz	200
K-07 15 03 85	G 1/4	G 1/8	550	37	230 V, 50 Hz	200
K-07 15 03 86	G 1/4	G 1/4	950	37	230 V, 50 Hz	300
K-07 15 03 87	G 3/8	G 1/4	950	37	230 V, 50 Hz	300
K-07 15 03 88	G 1/2"	G 1/2	1600	37	230 V, 50 Hz	400

**Web:** <http://cat.hansa-flex.com/en/KWV53ELEKTROPNEUZENTGESCHL4V>

**K-WV 5/3 ELEKTROPNEU ZENT ENTLUEF4V**

5/3-way pilot valve, mid-position exhausted



**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy

**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 03 89	M 5	M 5	250	38	24 V DC	100
K-07 15 03 90	G 1/8	G 1/8	400	38	24 V DC	100
K-07 15 03 91	G 1/8	G 1/8	550	38	24 V DC	200
K-07 15 03 92	G 1/4	G 1/8	550	38	24 V DC	200
K-07 15 03 93	G 1/4	G 1/4	950	38	24 V DC	300
K-07 15 03 94	G 3/8	G 1/4	950	38	24 V DC	300
K-07 15 03 95	G 1/2"	G 1/2	1600	38	24 V DC	400
K-07 15 03 96	M 5	M 5	250	38	230 V, 50 Hz	100
K-07 15 03 97	G 1/8	G 1/8	400	38	230 V, 50 Hz	100
K-07 15 03 98	G 1/8	G 1/8	550	38	230 V, 50 Hz	200
K-07 15 03 99	G 1/4	G 1/8	550	38	230 V, 50 Hz	200
K-07 15 04 00	G 1/4	G 1/4	950	38	230 V, 50 Hz	300
K-07 15 04 01	G 3/8	G 1/4	950	38	230 V, 50 Hz	300
K-07 15 04 02	G 1/2"	G 1/2	1600	38	230 V, 50 Hz	400

**Web:** <http://cat.hansa-flex.com/en/KWV53ELEKTROPNEUZENTENTLUEF4V>

**K-WV 5/3 ELEKTROPNEU ZENT BELF 4V**

5/3-way pilot valve, mid-position pressurised

**Operating pressure:** 1.5 - 8 bar  
**Temp. range:** -20 °C to +70 °C  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**Electrical connection:** Connector Type B acc. to ISO 4400  
**min. working pressure:** 1,5 bar  
**Protection IP:** IP 65  
**Valve body:** Aluminium alloy



**Note:** Further information on request

Identification	Connection	Vent port	Flow rate L/min	circuit diagram number	Voltage	Size
K-07 15 04 03	M 5	M 5	250	39	24 V DC	100
K-07 15 04 04	G 1/8	G 1/8	400	39	24 V DC	100
K-07 15 04 05	G 1/8	G 1/8	550	39	24 V DC	200
K-07 15 04 06	G 1/4	G 1/8	550	39	24 V DC	200
K-07 15 04 07	G 1/4	G 1/4	950	39	24 V DC	300
K-07 15 04 08	G 3/8	G 1/4	950	39	24 V DC	300
K-07 15 04 09	G 1/2"	G 1/2	1600	39	24 V DC	400
K-07 15 04 10	M 5	M 5	250	39	230 V, 50 Hz	100
K-07 15 04 11	G 1/8	G 1/8	400	39	230 V, 50 Hz	100
K-07 15 04 12	G 1/8	G 1/8	550	39	230 V, 50 Hz	200
K-07 15 04 13	G 1/4	G 1/8	550	39	230 V, 50 Hz	200
K-07 15 04 14	G 1/4	G 1/4	950	39	230 V, 50 Hz	300
K-07 15 04 15	G 3/8	G 1/4	950	39	230 V, 50 Hz	300
K-07 15 04 16	G 1/2"	G 1/2	1600	39	230 V, 50 Hz	400

**Web:** <http://cat.hansa-flex.com/en/KWV53ELEKTROPNEUZENTBELF4V>

**K-VERSORGUNGSLEISTEN**

Feed blocks

Quick and easy assembly system for side-by-side mounting of the above control valve types. Requires one set of mounting brackets and a feed block.



**Note:** Not for 5/2-way spool valves - Robust type series. Further information on request

Identification	Designation	for valve connection
K-07 15 20 73	Feed block with 2 valve positions	G 1/8
K-07 15 20 74	Feed block with 3 valve positions	G 1/8
K-07 15 20 75	Feed block with 4 valve positions	G 1/8
K-07 15 20 76	Feed block with 5 valve positions	G 1/8
K-07 15 20 77	Feed block with 6 valve positions	G 1/8
K-07 15 20 78	Feed block with 7 valve positions	G 1/8
K-07 15 20 79	Feed block with 2 valve positions	G 1/4
K-07 15 20 80	Feed block with 3 valve positions	G 1/4
K-07 15 20 81	Feed block with 4 valve positions	G 1/4
K-07 15 20 82	Feed block with 5 valve positions	G 1/4
K-07 15 20 83	Feed block with 6 valve positions	G 1/4
K-07 15 20 84	Feed block with 7 valve positions	G 1/4



**Web:** <http://cat.hansa-flex.com/en/KVERSORGUNGSLEISTEN>

**K-VERSORGUNGSLEISTEN HALTE****Feed blocks holder**

Quick and easy assembly system for side-by-side mounting of the above control valve types. Requires one set of mounting brackets and a feed block.



**Note:** Not for 5/2-way spool valves - Robust type series. Further information on request

Identification	Designation	for valve connection
K-07 15 06 97	Mounting bracket set, High: 120 mm	G 1/8
K-07 15 07 01	Mounting bracket set, High: 60 mm	G 1/8
K-07 15 06 99	Mounting bracket set, High: 30 mm	G 1/8
K-07 15 06 96	Mounting bracket set, High: 120 mm	G 1/4
K-07 15 07 00	Mounting bracket set, High: 60 mm	G 1/4
K-07 15 06 98	Mounting bracket set, High: 30 mm	G 1/4

**Web:** <http://cat.hansa-flex.com/en/KVERSORGUNGSLEISTENHALTE>

**K-MEHRFACH GRUNDPLATTEN****Multiple manifold bases**

Light alloy manifold bases for 2 to 10 valve positions.



**Note:** Not for 5/2-way spool valves - Robust type series. Further information on request

Identification	Designation	for valve connection
K-07 15 06 21	Manifold base for 2 valve positions	G 1/8
K-07 15 06 23	Manifold base for 3 valve positions	G 1/8
K-07 15 06 25	Manifold base for 4 valve positions	G 1/8
K-07 15 06 27	Manifold base for 5 valve positions	G 1/8
K-07 15 06 29	Manifold base for 6 valve positions	G 1/8
K-07 15 06 31	Manifold base for 7 valve positions	G 1/8
K-07 15 06 33	Manifold base for 8 valve positions	G 1/8
K-07 15 06 35	Manifold base for 9 valve positions	G 1/8
K-07 15 06 37	Manifold base for 10 valve positions	G 1/8
K-07 15 06 39	Cover plate for ground plate G 1/4 for connector G 1/8	G 1/8
K-07 15 06 20	Manifold base for 2 valve positions	G 1/4
K-07 15 06 22	Manifold base for 3 valve positions	G 1/4
K-07 15 06 24	Manifold base for 4 valve positions	G 1/4
K-07 15 06 26	Manifold base for 5 valve positions	G 1/4
K-07 15 06 28	Manifold base for 6 valve positions	G 1/4
K-07 15 06 30	Manifold base for 7 valve positions	G 1/4
K-07 15 06 32	Manifold base for 8 valve positions	G 1/4
K-07 15 06 34	Manifold base for 9 valve positions	G 1/4



(Continued)

## K-MEHRFACH GRUNDPLATTEN

Multiple manifold bases

Identification	Designation	for valve connection
K- 07 15 06 36	Manifold base for 10 valve positions	G 1/4
K- 07 15 06 38	Cover plate for ground plate G 3/8 for connector G 1/4	G 1/4



Web: <http://cat.hansa-flex.com/en/KMEHRFACHGRUNDPLATTEN>

## K-MEHRFACH GRUNDPLATTE 3/2 WV

Multiple manifold bases

Aluminium alloy manifold bases 6061-T6 for 2 to 8 valve positions.



Note: Further information on request

Identification	Designation	for valve connection	Identification	Designation	for valve connection
K- 07 15 06 41	Manifold base for 2 valve positions	M 5, G 1/8	K- 07 15 06 52	Manifold base for 6 valve positions	G 1/8, G 1/4
K- 07 15 06 44	Manifold base for 3 valve positions	M 5, G 1/8	K- 07 15 06 55	Manifold base for 7 valve positions	G 1/8, G 1/4
K- 07 15 06 47	Manifold base for 4 valve positions	M 5, G 1/8	K- 07 15 06 58	Manifold base for 8 valve positions	G 1/8, G 1/4
K- 07 15 06 50	Manifold base for 5 valve positions	M 5, G 1/8	K- 07 15 06 61	Cover plate for ground plate	G 1/8, G 1/4
K- 07 15 06 53	Manifold base for 6 valve positions	M 5, G 1/8	K- 07 15 06 42	Manifold base for 2 valve positions	G 1/4, G 3/8
K- 07 15 06 56	Manifold base for 7 valve positions	M 5, G 1/8	K- 07 15 06 45	Manifold base for 3 valve positions	G 1/4, G 3/8
K- 07 15 06 59	Manifold base for 8 valve positions	M 5, G 1/8	K- 07 15 06 48	Manifold base for 4 valve positions	G 1/4, G 3/8
K- 07 15 06 62	Cover plate for ground plate	M 5, G 1/8	K- 07 15 06 51	Manifold base for 5 valve positions	G 1/4, G 3/8
K- 07 15 06 40	Manifold base for 2 valve positions	G 1/8, G 1/4	K- 07 15 06 54	Manifold base for 6 valve positions	G 1/4, G 3/8
K- 07 15 06 43	Manifold base for 3 valve positions	G 1/8, G 1/4	K- 07 15 06 57	Manifold base for 7 valve positions	G 1/4, G 3/8
K- 07 15 06 46	Manifold base for 4 valve positions	G 1/8, G 1/4	K- 07 15 06 60	Manifold base for 8 valve positions	G 1/4, G 3/8
K- 07 15 06 49	Manifold base for 5 valve positions	G 1/8, G 1/4	K- 07 15 06 63	Cover plate for ground plate	G 1/4, G 3/8



Web: <http://cat.hansa-flex.com/en/KMEHRFACHGRUNDPLATTE32WV>

## K-MEHRFACH GRUNDPLATTE 5/2 5/3 WV

### Multiple manifold bases

Aluminium alloy manifold bases 6061-T6 for 2 to 8 valve positions.



**Note:** Further information on request

Identification	Designation	for valve connection
K-07 15 06 66	Manifold base for 2 valve positions	M 5, G 1/8
K-07 15 06 70	Manifold base for 3 valve positions	M 5, G 1/8
K-07 15 06 74	Manifold base for 4 valve positions	M 5, G 1/8
K-07 15 06 78	Manifold base for 5 valve positions	M 5, G 1/8
K-07 15 06 82	Manifold base for 6 valve positions	M 5, G 1/8
K-07 15 06 86	Manifold base for 7 valve positions	M 5, G 1/8
K-07 15 06 90	Manifold base for 8 valve positions	M 5, G 1/8
K-07 15 06 94	Cover plate for ground plate	M 5, G 1/8
K-07 15 06 65	Manifold base for 2 valve positions	G 1/8, G 1/4
K-07 15 06 69	Manifold base for 3 valve positions	G 1/8, G 1/4
K-07 15 06 73	Manifold base for 4 valve positions	G 1/8, G 1/4
K-07 15 06 77	Manifold base for 5 valve positions	G 1/8, G 1/4
K-07 15 06 81	Manifold base for 6 valve positions	G 1/8, G 1/4
K-07 15 06 85	Manifold base for 7 valve positions	G 1/8, G 1/4
K-07 15 06 89	Manifold base for 8 valve positions	G 1/8, G 1/4
K-07 15 06 93	Cover plate for ground plate	G 1/8, G 1/4

Identification	Designation	for valve connection
K-07 15 06 67	Manifold base for 2 valve positions	G 1/4, G 3/8
K-07 15 06 71	Manifold base for 3 valve positions	G 1/4, G 3/8
K-07 15 06 75	Manifold base for 4 valve positions	G 1/4, G 3/8
K-07 15 06 79	Manifold base for 5 valve positions	G 1/4, G 3/8
K-07 15 06 83	Manifold base for 6 valve positions	G 1/4, G 3/8
K-07 15 06 87	Manifold base for 7 valve positions	G 1/4, G 3/8
K-07 15 06 91	Manifold base for 8 valve positions	G 1/4, G 3/8
K-07 15 06 95	Cover plate for ground plate	G 1/4, G 3/8
K-07 15 06 64	Manifold base for 2 valve positions	G 1/2
K-07 15 06 68	Manifold base for 3 valve positions	G 1/2
K-07 15 06 72	Manifold base for 4 valve positions	G 1/2
K-07 15 06 76	Manifold base for 5 valve positions	G 1/2
K-07 15 06 80	Manifold base for 6 valve positions	G 1/2
K-07 15 06 84	Manifold base for 7 valve positions	G 1/2
K-07 15 06 88	Manifold base for 8 valve positions	G 1/2
K-07 15 06 92	Cover plate for ground plate	G 1/2



**Web:** <http://cat.hansa-flex.com/en/KMEHRFACHGRUNDPLATTES253WV>

**K-WV 3/2 5/2 NAMUR****3/2 and 5/2-way spool valves**

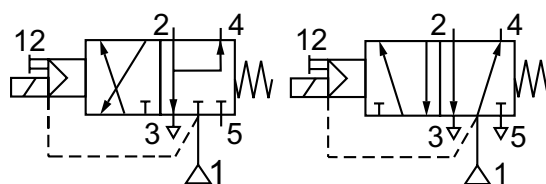
Pilot-operated 3/2 and 5/2-way spool valves with threaded port connections and a NAMUR style interface. The two conversion plates supplied with each valve allow the device to be adapted to a 3/2-way or 5/2-way function. The valve is turned on by a continuous signal. Turning off causes the piston to be returned to its initial position under pressure. Includes a manual operator as standard.

<b>Media:</b>	Air, neutral gases (filtered)
<b>Differential pressure:</b>	2 - 10 bar
<b>permissible static pressure:</b>	Max. 10 bar
<b>Operating temperature:</b>	-25 °C to +60 °C
<b>Electrical connection:</b>	Connector socket Pg 9P, 3 x DIN 46244 / VDE 0580
<b>Housing:</b>	Aluminium, anodised black
<b>Sealant:</b>	NBR and PUR
<b>Port 3 - 5:</b>	G 1/8

**Note:** Further information on request



Identification	Voltage	Port 1	DN	Flow rate L/min
K- 07 15 00 01	230 V, 50 Hz	G 1/4	6	700
K- 07 15 00 02	24 V DC	G 1/4	6	700



**Web:** <http://cat.hansa-flex.com/en/KWV3252NAMUR>

**K-WV 3/2 LB NAMUR****3/2-way spool valves with NAMUR style interface, NC**

3/2 and 5/2-way spool valves, monostable, with air purging function and pneumatic spring return. With latching manual operator and optional outgoing air restriction. Two or three-piece service units with excellent flow rates in modern design.

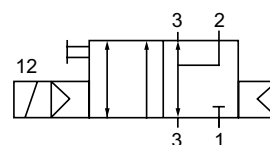
Lockable diaphragm pressure regulator with secondary ventilation, oil can be filled without interrupting operation.

<b>Media:</b>	Air, neutral gases, filtered
<b>Working pressure:</b>	1.5 to 10 bar
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Electrical connection:</b>	Plug connector PG 9
<b>content of delivery:</b>	Plug connector PG 9, 1 coding pin, 2 O-rings, 2 fixing screws
<b>Power input:</b>	3 W=/5 VA~
<b>Housing:</b>	Aluminium, anodised
<b>Slider:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request



Identification	Voltage	Connection	DN	Flow rate L/min
K- 07 15 00 03	230 V, 50 Hz	G 1/4	7	1250
K- 07 15 00 04	24 V DC	G 1/4	7	1250



**Web:** <http://cat.hansa-flex.com/en/KWV32LBNAMUR>

**K-WV 3/2 LB NAMUR GETAUSCHT****3/2-way spool valves with NAMUR style interface, NC, ports 1 and 3 or 2 and 3 swapped**

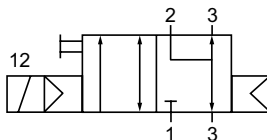
3/2 and 5/2-way spool valves, monostable, with air purging function and pneumatic spring return. With latching manual operator and optional outgoing air restriction. Two or three-piece service units with excellent flow rates in modern design.

Lockable diaphragm pressure regulator with secondary ventilation, oil can be filled without interrupting operation.

<b>Media:</b>	Air, neutral gases, filtered
<b>Working pressure:</b>	1.5 to 10 bar
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Electrical connection:</b>	Plug connector PG 9
<b>content of delivery:</b>	Plug connector PG 9, 1 coding pin, 2 O-rings, 2 fixing screws
<b>Power input:</b>	3 W=/5 VA~
<b>Housing:</b>	Aluminium, anodised
<b>Slider:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Voltage	Connection	DN	Flow rate L/min
K- 07 15 00 05	230 V, 50 Hz	G 1/4	7	1250
K- 07 15 00 06	24 V DC	G 1/4	7	1250



**Web:** <http://cat.hansa-flex.com/en/KWV32LBNAMURGETAUSCHT>

**K-WV 5/2 LOCHBILD NAMUR****5/2-way spool valves with NAMUR style interface**

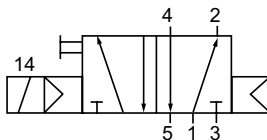
3/2 and 5/2-way spool valves, monostable, with air purging function and pneumatic spring return. With latching manual operator and optional outgoing air restriction. Two or three-piece service units with excellent flow rates in modern design.

Lockable diaphragm pressure regulator with secondary ventilation, oil can be filled without interrupting operation.

<b>Media:</b>	Air, neutral gases, filtered
<b>Working pressure:</b>	1.5 to 10 bar
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>Electrical connection:</b>	Plug connector PG 9
<b>content of delivery:</b>	Plug connector PG 9, 1 coding pin, 2 O-rings, 2 fixing screws
<b>Power input:</b>	3 W=/5 VA~
<b>Housing:</b>	Aluminium, anodised
<b>Slider:</b>	Stainless steel
<b>Sealant:</b>	NBR

**Note:** Further information on request

Identification	Voltage	Connection	DN	Flow rate L/min
K- 07 15 00 07	230 V, 50 Hz	G 1/4	7	1250
K- 07 15 00 08	24 V DC	G 1/4	7	1250



**Web:** <http://cat.hansa-flex.com/en/KWV52LOCHBILDNAMUR>



**K-WV 3/2 5/2 NAMUR LB LF**

**3/2- and 5/2-way spool valves with NAMUR style interface and air spring**

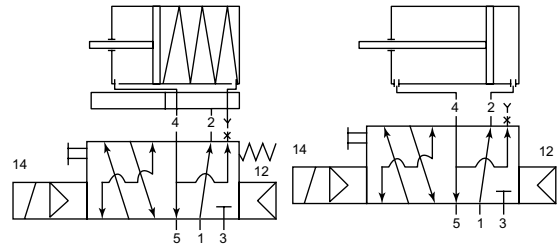
Pilot-operated 3/2- and 5/2-way spool valves with threaded ports and a NAMUR style interface with air purging function. By adding the conversion plate supplied with each valve, the device can be adapted to 3/2-way function. Filter regulators are also available with bowl guard or metal bowl. Filter regulators are also available in lockable version. Please ask for more information.



- Media:** Air, neutral gases (filtered)
- Working pressure:** 1.5 to 10 bar (552.11 and 552.12); 2.5 to 10 bar (552.21 and 552.22)
- Operating temperature:** -20 °C to +50 °C
- Connection 1 - 3:** G 1/4 (Port 1), G 1/4 (Port 3 and 5)
- Port 1/3 + 5:** G 1/4 (Port 1), G 1/4 (Port 3 and 5)
- Electrical connection:** Plug connector PG 9
- content of delivery:** Plug connector PG 9, conversion plate, screws and seal
- Power input:** 3 W=/5 VA~
- Housing:** Anodised aluminium
- Slider:** Stainless steel
- Sealant:** NBR
- Port 3 - 5:** G 1/4

**Note:** Further information on request

Identification	Voltage	Port 1	DN	Flow rate L/min
K-07 15 00 13	230 V, 50 Hz	G 1/4	7	1250
K-07 15 00 14	24 V DC	G 1/4	7	1250



**Web:** <http://cat.hansa-flex.com/en/KWV3252NAMURLBLF>

**K-WV 3/2 5/2 NAMUR LB FR**

3/2- and 5/2-way spool valves with NAMUR style interface and combined spring return

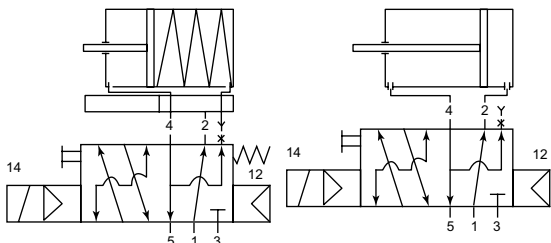


Pilot-operated 3/2- and 5/2-way spool valves with threaded ports and a NAMUR style interface with air purging function. By adding the conversion plate supplied with each valve, the device can be adapted to 3/2-way function. Filter regulators are also available with bowl guard or metal bowl. Filter regulators are also available in lockable version. Please ask for more information.

<b>Media:</b>	Air, neutral gases (filtered)
<b>Working pressure:</b>	1.5 to 10 bar (552.11 and 552.12); 2.5 to 10 bar (552.21 and 552.22)
<b>Operating temperature:</b>	-20 °C to +50 °C
<b>Connection 1 - 3:</b>	G 1/4 (Port 1), G 1/4 (Port 3 and 5)
<b>Port 1/3 + 5:</b>	G 1/4 (Port 1), G 1/4 (Port 3 and 5)
<b>Electrical connection:</b>	Plug connector PG 9
<b>content of delivery:</b>	Plug connector PG 9, conversion plate, screws and seal
<b>Power input:</b>	3 W=5 VA~
<b>Housing:</b>	Anodised aluminium
<b>Slider:</b>	Stainless steel
<b>Sealant:</b>	NBR
<b>Port 3 - 5:</b>	G 1/4

**Note:** Further information on request

Identification	Voltage	Port 1	DN	Flow rate L/min
K-07 15 00 15	230 V, 50 Hz	G 1/4	7	1250
K-07 15 00 16	24 V DC	G 1/4	7	1250



**Web:** <http://cat.hansa-flex.com/en/KWV3252NAMURLBFR>

**K-WV 3/2 5/2 NAMUR LB**

3/2 and 5/2-way spool valves with NAMUR style interface

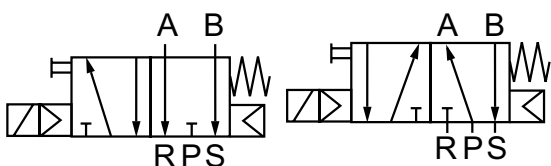


Pilot-operated 3/2 and 5/2-way spool valves with threaded ports and a NAMUR style interface. Combines high-quality design with a low price. By adding the conversion plate supplied with each valve, the device can be adapted to a 3/2-way function. The valve is turned on by a continuous signal. Turning off causes the piston to be returned to its initial position under pressure. Includes a manual operator as standard.

<b>Media:</b>	Air, neutral gases (filtered)
<b>Working pressure:</b>	1.5 - 8 bar
<b>Operating temperature:</b>	+5 °C to +50 °C
<b>Electrical connection:</b>	Plug connector PG 9
<b>Housing:</b>	Aluminium
<b>Sealant:</b>	NBR
<b>Port 3 - 5:</b>	G 1/4

**Note:** Further information on request

Identification	Voltage	Port 1	DN	Flow rate L/min
K-07 15 00 09	230 V, 50 Hz	G 1/4	8	1370
K-07 15 00 10	24 V DC	G 1/4	8	1370
K-07 15 00 11	230 V, 50 Hz	G 3/8	10	1650
K-07 15 00 12	24 V DC	G 3/8	10	1650



**Web:** <http://cat.hansa-flex.com/en/KWV3252NAMURLB>

**K-DROSSELPLATT NAMUR VENTIL**

## Flow regulators for NAMUR valves

Block-form flow regulator as an intermediate plate between the control valve and actuator acc. to the G 1/4 NAMUR standard. 3/2-way flow regulators: Independent regulation of the forward and return strokes of a single-acting pneumatic actuator. 5/2-way flow regulators: Regulation of the forward and return strokes of a double-acting pneumatic actuator.

<b>Media:</b>	Air, neutral gases, filtered
<b>Working pressure:</b>	0.5 to 10 bar
<b>Operating temperature:</b>	-20 °C to +70 °C
<b>content of delivery:</b>	1 coding pin (not for K-07152240), 2 O-rings, 2 fixing screws
<b>Housing:</b>	Aluminium, anodised
<b>Material:</b>	Gasket: NBR
<b>Sealant:</b>	NBR

**Note:** Further information on request



Identification	Operating principle	Operation	DN	Flow rate L/min
K-07 15 22 39	3/2-way	Knurled Screw	5	650
K-07 15 22 40	3/2-way	Screwdriver	5	650
K-07 15 22 41	5/2-way	Knurled Screw	5	650
K-07 15 22 42	5/2-way	Screwdriver	5	650

**Web:** <http://cat.hansa-flex.com/en/KDROSSELPLATTNAMURVENTIL>

**K-MAGV MINI**

## Miniature solenoid valves 15 mm

Directly controlled 3/2-way solenoid valves specially designed for pneumatic applications. These valves are provided with a flange for assembly on an individual base or multiple manifold base. They feature a monostable manual operator. The scope of supply includes two fixing bolts and a flange gasket. The coils can be turned 180°.

<b>Media:</b>	Filtered, unlubricated compressed air
<b>Pressure range:</b>	0 - 7 bar (NC) with silver plate at manual override, 0 - 5 bar (NO) with black plate at manual override
<b>Connection:</b>	In manifold base
<b>Temp. range:</b>	-5 °C to +45 °C
<b>opening time/closing time:</b>	10 - 12 ms (depending on pressure)
<b>output coil:</b>	2,5 W
<b>Material:</b>	Plastic
<b>Sealant:</b>	NBR, stainless steel

**Note:** Further information on request



Identification	Operating principle	Voltage	Connection	H mm	B mm
K-07 15 14 18	NC	24 V DC	Cable (30 cm)	42,0	15,0
K-07 15 14 19	NC	24 V DC	for system plug	42,0	15,0
K-07 15 14 20	NC	12 V DC	Cable (30 cm)	42,0	15,0
K-07 15 14 21	NC	12 V DC	for system plug	42,0	15,0
K-07 15 14 22	NO	24 V DC	Cable (30 cm)	42,0	15,0
K-07 15 14 23	NO	24 V DC	for system plug	42,0	15,0
K-07 15 14 24	NO	12 V DC	Cable (30 cm)	42,0	15,0
K-07 15 14 25	NO	12 V DC	for system plug	42,0	15,0





**Web:** <http://cat.hansa-flex.com/en/KMAGVMINI>

**K-ZUBEH MINI-MV 15**

## Accessories



Identification	Circuit diagram	Designation
K-07 30 28 86		Plug connector for miniature solenoid valves, PG 9 type C, DIN 43650 C
K-07 30 28 87		Fastener for manifold bases

**Web:** <http://cat.hansa-flex.com/en/KZUBEHMINIMV15>

**K-GRUNDPLATTEN MINI-MV**

## Manifold bases



Identification	Designation
K-07 15 06 10	Single Groundplate, M5
K-07 15 06 11	Multiple manifold base, 2-ports, M5
K-07 15 06 12	Multiple manifold base, 3-ports, M5
K-07 15 06 13	Multiple manifold base, 4-ports, M5
K-07 15 06 14	Multiple manifold base, 5-ports, M5
K-07 15 06 15	Multiple manifold base, 6-ports, M5
K-07 15 06 16	Multiple manifold base, 7-ports, M5
K-07 15 06 17	Multiple manifold base, 8-ports, M5
K-07 15 06 18	Multiple manifold base, 9-ports, M5
K-07 15 06 19	Multiple manifold base, 10 ports, M5



**Web:** <http://cat.hansa-flex.com/en/KGRUNDPLATTENMINIMV>

**K-WFV 3/2 NICHT RASTEND****3/2-way foot-operated valves (monostable, non-latching, without foot guard)**

Foot-operated valves, 3/2- and 5/2-way types, bistable or monostable (non-latching).

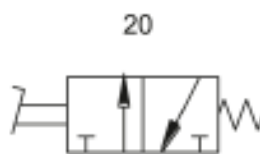
**Operating pressure:** 2.5 - 10 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate at 6,3 bar and 0,5**

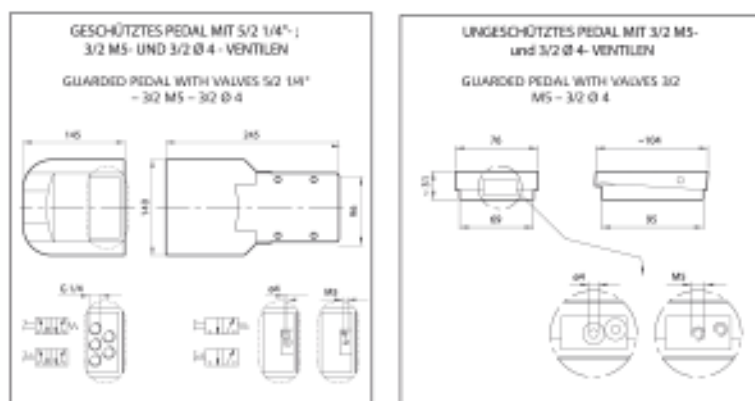
**bar:** 60 NI/min (4 mm and M5), 640 NI/min (G 1/4)

**Flow rate at 6,3 bar and 1 bar:** 95 NI/min (4 mm and M5), 840 NI/min (G 1/4)



**Note:** Further information on request

Identification	Connection	circuit diagram number
K-07 15 00 17	M 5	20
K-07 15 00 18	4 mm	20



**Web:** <http://cat.hansa-flex.com/en/KWFV32NICHTRASTEND>

**K-WFV 3/2 NICHT RASTEND FUS****3/2-way foot-operated valves (monostable, non-latching, with foot guard)**

Foot-operated valves, 3/2- and 5/2-way types, bistable or monostable (non-latching).

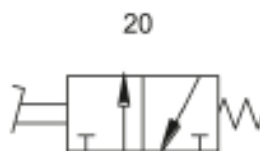
**Operating pressure:** 2.5 - 10 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate at 6,3 bar and 0,5**

**bar:** 60 NI/min (4 mm and M5), 640 NI/min (G 1/4)

**Flow rate at 6,3 bar and 1 bar:** 95 NI/min (4 mm and M5), 840 NI/min (G 1/4)



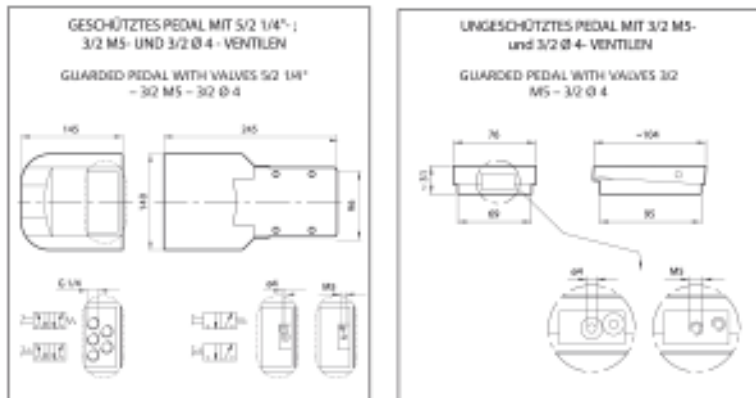
**Note:** Further information on request

Identification	Connection	circuit diagram number
K-07 15 00 19	M 5	20
K-07 15 00 20	4 mm	20

**K-WFV 3/2 NICHT RASTEND FUS**

(Continued)

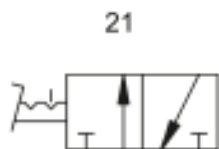
3/2-way foot-operated valves (monostable, non-latching, with foot guard)



Web: <http://cat.hansa-flex.com/en/KWVF32NICHTRASTENDFUS>

**K-WFV 3/2 RASTEND FUS**

3/2-way foot-operated valves (bistable, latching, with foot guard)



Foot-operated valves, 3/2- and 5/2-way types, bistable or monostable (non-latching).

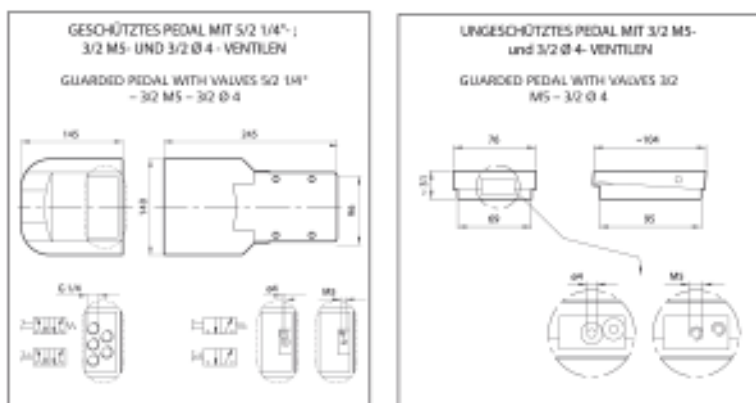
**Operating pressure:** 2.5 - 10 bar  
**Temp. range:** -10 °C to +60 °C

**Flow rate at 6,3 bar and 0,5**

**bar:** 60 NI/min (4 mm and M5), 640 NI/min (G 1/4)  
**Flow rate at 6,3 bar and 1 bar:** 95 NI/min (4 mm and M5), 840 NI/min (G 1/4)

Note: Further information on request

Identification	Connection	circuit diagram number
K-07 15 00 21	M 5	21
K-07 15 00 22	4 mm	21



Web: <http://cat.hansa-flex.com/en/KWVF32RASTENDFUS>

**K-WFV 5/2 NICHT RASTEND FUS****5/2-way foot-operated valves (monostable, non-latching, with foot guard)**

Foot-operated valves, 3/2- and 5/2-way types, bistable or monostable (non-latching).

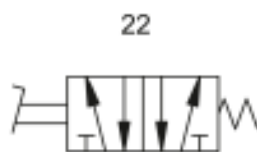
**Operating pressure:** 2.5 - 10 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate at 6,3 bar and 0,5**

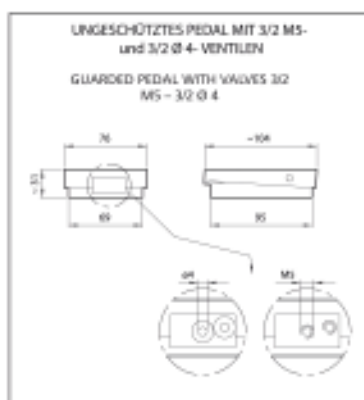
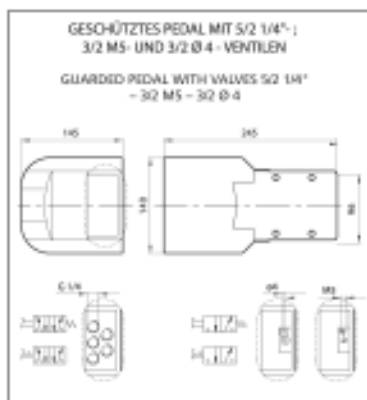
**bar:** 60 NI/min (4 mm and M5), 640 NI/min (G 1/4)

**Flow rate at 6,3 bar and 1 bar:** 95 NI/min (4 mm and M5), 840 NI/min (G 1/4)



**Note:** Further information on request

Identification	Connection	circuit diagram number
K-07 15 01 91	G 1/4	22



**Web:** <http://cat.hansa-flex.com/en/KWFV52NICHTRASTENDFUS>

**K-WFV 5/2 RASTEND FUS****5/2-way foot-operated valves (bistable, latching, with foot guard)**

Foot-operated valves, 3/2- and 5/2-way types, bistable or monostable (non-latching).

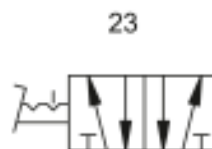
**Operating pressure:** 2.5 - 10 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate at 6,3 bar and 0,5**

**bar:** 60 NI/min (4 mm and M5), 640 NI/min (G 1/4)

**Flow rate at 6,3 bar and 1 bar:** 95 NI/min (4 mm and M5), 840 NI/min (G 1/4)



**Note:** Further information on request

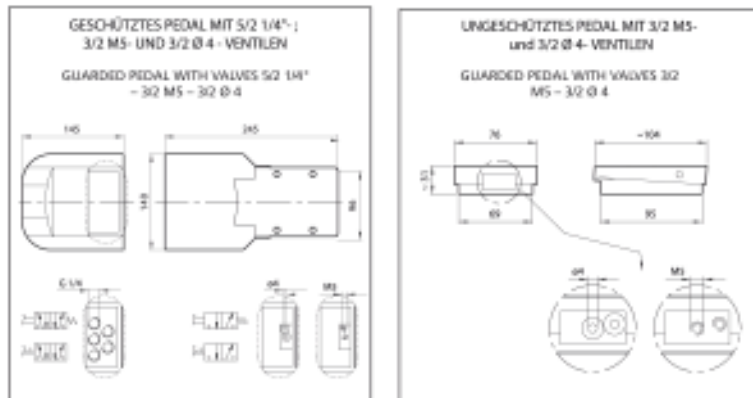
Identification	Connection	circuit diagram number
K-07 15 01 92	G 1/4	23



**K-WFV 5/2 RASTEND FUS**

(Continued)

5/2-way foot-operated valves (bistable, latching, with foot guard)

Web: <http://cat.hansa-flex.com/en/KWFV52RASTENDFUS>**K-EINGANGSPL VENTILINSEL HDM**

Input plates for HDM valve terminal



These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

- Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
- Working pressure:** Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)
- Pilot pressure:** 3 - 7 bar
- Temp. range:** -10 °C to +60 °C
- Flow rate:** 200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)
- No. of pilots:** Max. 16 (e.g. 16 spring return valves)
- Manual control:** Latching (bistable), Monostable (non-latching) version also available on request
- Power input:** 0.6 W per pilot
- Protection IP:** IP 65

Note: Further information on request

Identification	Operating principle	Connection
K-07 15 22 49	Standard, internal pilots	Multi-pole
K-07 15 22 48	External pilots, dual supply	Multi-pole
K-07 15 22 54	Standard, internal pilots	With integrated Profibus DP
K-07 15 22 53	External pilots	With integrated Profibus DP

Web: <http://cat.hansa-flex.com/en/KEINGANGSPLVENTILINSELHDM>



**K-VENTILSCHEIBE HDM 4****Valve discs for HDM valve terminal with 4 mm port**

These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)

**Pilot pressure:** 3 - 7 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate:** 200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)

**No. of pilots:** Max. 16 (e.g. 16 spring return valves)

**Manual control:** Latching (bistable), Monostable (non-latching) version also available on request

**Power input:** 0.6 W per pilot

**Protection IP:** IP 65

**Note:** Further information on request



Identification	Operating principle
K-07 15 20 53	2 x 3/2-way, NC, monostable or 5/3-way, mid-position exhausted
K-07 15 20 58	2 x 3/2-way, NO, monostable or 5/3-way, mid-position pressurised
K-07 15 20 55	3/2-way, NC, monostable and 3/2-way, NO, monostable
K-07 15 20 57	5/2-way, monostable
K-07 15 20 52	5/2-way, monostable (uses only one pin, two signals assigned)
K-07 15 20 54	5/2-way, bistable (pulse valve)
K-07 15 20 56	5/3-way, mid-position closed

**Web:** <http://cat.hansa-flex.com/en/KVENTILSCHEIBEHDM4>

**K-VENTILSCHEIBE HDM 6****Valve discs for HDM valve terminal with 6 mm port**

These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)

**Pilot pressure:** 3 - 7 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate:** 200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)

**No. of pilots:** Max. 16 (e.g. 16 spring return valves)

**Manual control:** Latching (bistable), Monostable (non-latching) version also available on request

**Power input:** 0.6 W per pilot

**Protection IP:** IP 65

**Note:** Further information on request



Identification	Operating principle
K-07 15 20 60	2 x 3/2-way, NC, monostable or 5/3-way, mid-position exhausted
K-07 15 20 67	2 x 3/2-way, NO, monostable or 5/3-way, mid-position pressurised
K-07 15 20 62	3/2-way, NC, monostable and 3/2-way, NO, monostable
K-07 15 20 66	5/2-way, monostable
K-07 15 20 59	5/2-way, monostable (uses only one pin, two signals assigned)
K-07 15 20 61	5/2-way, bistable (pulse valve)
K-07 15 20 64	5/3-way, mid-position closed

**Web:** <http://cat.hansa-flex.com/en/KVENTILSCHEIBEHDM6>

**K-VENTILSCHEIBE HDM 8**

## Valve discs for HDM valve terminal with 8 mm port



These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

<b>Media:</b>	Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
<b>Working pressure:</b>	Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)
<b>Pilot pressure:</b>	3 - 7 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate:</b>	200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)
<b>No. of pilots:</b>	Max. 16 (e.g. 16 spring return valves)
<b>Manual control:</b>	Latching (bistable), Monostable (non-latching) version also available on request
<b>Power input:</b>	0.6 W per pilot
<b>Protection IP:</b>	IP 65

**Note:** Further information on request

Identification	Operating principle
K-07 15 20 69	2 x 3/2-way, NC, monostable or 5/3-way, mid-position exhausted
K-07 15 20 72	2 x 3/2-way, NO, monostable or 5/3-way, mid-position pressurised
K-07 15 20 63	3/2-way, NC, monostable and 3/2-way, NO, monostable
K-07 15 20 71	5/2-way, monostable
K-07 15 20 68	5/2-way, monostable (uses only one pin, two signals assigned)
K-07 15 20 70	5/2-way, bistable (pulse valve)
K-07 15 20 65	5/3-way, mid-position closed

**Web:** <http://cat.hansa-flex.com/en/KVENTILSCHEIBEHDM8>

**K-ZFL VENTILINSEL HDM**

## Intermediate plates for HDM valve terminal



These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

<b>Media:</b>	Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
<b>Working pressure:</b>	Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)
<b>Pilot pressure:</b>	3 - 7 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate:</b>	200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)
<b>No. of pilots:</b>	Max. 16 (e.g. 16 spring return valves)
<b>Manual control:</b>	Latching (bistable), Monostable (non-latching) version also available on request
<b>Power input:</b>	0.6 W per pilot
<b>Protection IP:</b>	IP 65

**Note:** Further information on request

Identification	Operating principle
K-07 15 22 51	With additional pilots and exhausts
K-07 15 22 52	With separate pilots (for multi-pressure systems)
K-07 15 22 44	With separate exhausts (for multi-pressure system)

**Web:** <http://cat.hansa-flex.com/en/KZFLVENTILINSELHDM>

**K-ENDPLATTEN V****End plate for HDM valve terminal**

These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)

**Pilot pressure:** 3 - 7 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate:** 200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)

**No. of pilots:** Max. 16 (e.g. 16 spring return valves)

**Operating principle:** Blind (terminates the system)

**Manual control:** Latching (bistable), Monostable (non-latching) version also available on request

**Power input:** 0.6 W per pilot

**Protection IP:** IP 65

**Note:** Further information on request

**Identification**

K-07 15 22 50

**Operating principle**

Blind (terminates the system)

**Web:** <http://cat.hansa-flex.com/en/KENDPLATTENV>

**K-ADA HUTPROFIL****Adapter for DIN rail**

These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

**Media:** Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.

**Working pressure:** Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)

**Pilot pressure:** 3 - 7 bar

**Temp. range:** -10 °C to +60 °C

**Flow rate:** 200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)

**No. of pilots:** Max. 16 (e.g. 16 spring return valves)

**Manual control:** Latching (bistable), Monostable (non-latching) version also available on request

**Power input:** 0.6 W per pilot

**Protection IP:** IP 65

**Note:** Further information on request

**Identification**

K-07 15 22 43

**Designation**

Adapter for DIN rail

**Web:** <http://cat.hansa-flex.com/en/KADAHUTPROFIL>

**K-ELEKTRISCHE ANSCHLUESSE****Electrical connection (multi-pole, 25-pin, IP 65)**

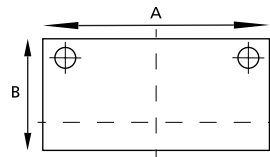
These compact valve terminals, with a maximum flow rate of 800 NI/min, can be individually adapted to the specific conditions of each application thanks to the wide range of functions and various input and intermediate plates. Since each valve terminal is a customer-specific combination of a series of individual elements, the catalogue only lists the available input, intermediate and end plates as well as the different valve discs and the 25-pin multi-pole connectors.

<b>Media:</b>	Filtered, unlubricated or lubricated compressed air. If lubrication is used, it must be continuous.
<b>Working pressure:</b>	Max. vacuum 10 bar (external pilots), 3 to 7 bar (internal pilots as standard)
<b>Pilot pressure:</b>	3 - 7 bar
<b>Temp. range:</b>	-10 °C to +60 °C
<b>Flow rate:</b>	200 NI/min (Ø 4), 500 NI/min (Ø 6), 800 NI/min (Ø 8)
<b>No. of pilots:</b>	Max. 16 (e.g. 16 spring return valves)
<b>Manual control:</b>	Latching (bistable), Monostable (non-latching) version also available on request
<b>Power input:</b>	0.6 W per pilot
<b>Protection IP:</b>	IP 65

**Note:** Further information on request

Identification	Designation
K-07 15 22 45	IP 67 connector, 25-pin, with 1 m cable
K-07 15 22 46	IP 67 connector, 25-pin, with 2.5 m cable
K-07 15 22 47	IP 67 connector, 25-pin, with 5 m cable

**Web:** <http://cat.hansa-flex.com/en/KELEKTRISCHEANSCHLUESSE>

**K-ODER-VENTIL****OR valves**

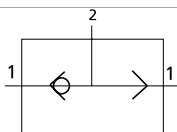
The valve has two inlets and one outlet. A signal appears at the outlet when the left or right inlet is pressurised.

If the pressure at the two inlets is different, the stronger of the two signals appears at the outlet.

<b>Operating pressure:</b>	2 - 10 bar
<b>Temp. range:</b>	-10 °C to +80 °C
<b>Flow rate at 6,3 bar and 1 bar:</b>	500 NI/min (G 1/8), 1300 NI/min (G 1/4)
<b>Valve body:</b>	Aluminium
<b>Ball:</b>	Stainless steel
<b>Seals:</b>	NBR

**Note:** Further information on request

Identification	Thread	A mm	B mm
K-07 15 26 05	3 x G 1/8	36,0	20,0
K-07 15 26 04	3 x G 1/4	43,0	25,0



**Web:** <http://cat.hansa-flex.com/en/KODERVENTIL>

## K-PNEU LOGIKELEMENTE

## Pneumatic logic elements

Pneumatic logic elements are available with five different functions: OR, AND, NOT, YES, MEMORY. All elements have an adapter for the  $\Omega$ -rail (DIN EN 50022) integral with the body.

**Working pressure:** OR-AND: 1.5-8 bar, NOT: 0.4-6 bar, YES - MEMORY: 0.0-8 bar (pilot pressure from 1.5-8 bar)

**Temp. range:** -10 °C to +60 °C

**Connection:** Push-in fitting for 4 mm pipe

**Flow rate:** 100 l/min (at 6 bar and  $\Delta p = 1$  bar)

**nominal  $\varnothing$ :** 2,7 mm

**Reset:** OR - AND: by compressed air, MEMORY: by air, YES - NOT: by mechanical spring

**Material:** Technopolymer

**Slider:** Aluminium

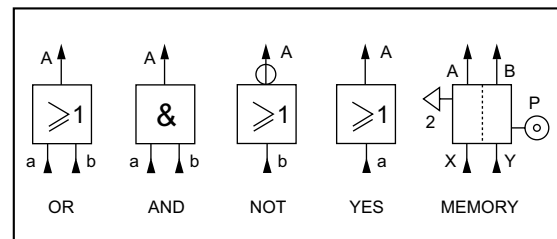
**Sealant:** NBR

**Note:** Further information on request



Identification	Operating principle	Height mm	Length mm
K-07 15 13 77	OR	40	38,5
K-07 15 13 78	AND	40	38,5
K-07 15 13 79	NOT	40	55,2
K-07 15 13 80	YES	40	55,2
K-07 15 13 81	MEMORY	41	89,5

**Web:** <http://cat.hansa-flex.com/en/KPNEULOGIKELEMENTE>



## K-PNEU LOGIKELEMENTE TIMER

## Pneumatic logic element: Timer

The value of the signal output delay can be steplessly adjusted by rotating a knob. NO or NC function, depending on the connection. The maximum delay time can be increased by unscrewing a plug and connecting the port to an external tank.

**Working pressure:** 2.5 - 8 bar

**Pressure indication:** Via orange pin

**Signal shut-off time:** < 0.1 s

**Adjustment range:** 0 - 30 s (at 6 bar)

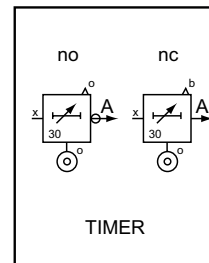
**Operating principle:** Timer

**Reset:** By mechanical spring

**Material:** Anodised aluminium / technopolymer

**Internal parts:** Brass / technopolymer

**More information:** See logic elements



Identification	Height mm	Length mm	Repeatability
K-07 15 13 82	49	107,0	+/- 0.4 s

**Web:** <http://cat.hansa-flex.com/en/KPNEULOGIKELEMENTETIMER>

**K-ZWEIHAND S VENTILE O GEH**

## Two-hand safety valve without housing



This pushbutton panel according to EN574 Type III A is comprised of a dual manual control valve with a housing and manifold. The valve only generates an output signal if two synchronised input signals are received within < 0.4 sec. If one input signal is interrupted, the output signal is interrupted as well. An emergency stop valve with a mushroom pushbutton is included. The housing can be screwed to the wall in any position. The valve manifold can optionally be supplied without the housing and with a DIN bar adapter. Applications: Two-hand safety valve for start-of-cycle control on a pneumatically operated machine.

**Media:** Filtered, unlubricated compressed air  
**Operating pressure:** 2.5 - 8 bar  
**Temp. range:** -10 °C to +60 °C  
**Connection:** Push-in fitting for pipe 4 mm  
**Operation:** Pneumatic  
**Flow rate air 6bar:** 85 NI/min  
**max. time-offset input signal:** 0,4 s

**Note:** Further information on request

Identification	Designation	Connection
K- 07 15 26 09	Two-hand safety valve without housing	Push-in fitting for 4 mm pipe
K- 07 15 26 10	mounting element	



**Web:** <http://cat.hansa-flex.com/en/KZWEIHANDSVENTILEOGEH>

**K-ZWEIHAND S KONSOLE KOMPL**

## Complete pushbutton panel



This pushbutton panel according to EN574 Type III A is comprised of a dual manual control valve with a housing and manifold. The valve only generates an output signal if two synchronised input signals are received within < 0.4 sec. If one input signal is interrupted, the output signal is interrupted as well. An emergency stop valve with a mushroom pushbutton is included. The housing can be screwed to the wall in any position. The valve manifold can optionally be supplied without the housing and with a DIN bar adapter. Applications: Two-hand safety valve for start-of-cycle control on a pneumatically operated machine.

**Media:** Filtered, unlubricated compressed air  
**Operating pressure:** 2.5 - 8 bar  
**Temp. range:** -10 °C to +60 °C  
**Connection:** Push-in fitting for pipe 4 mm  
**Operation:** Pneumatic  
**Flow rate air 6bar:** 85 NI/min  
**max. time-offset input signal:** 0,4 s

**Note:** Further information on request

Identification	Designation
K- 07 15 26 08	Complete pushbutton panel with safety valve

**Web:** <http://cat.hansa-flex.com/en/KZWEIHANDSKONSOLEKOMPL>

**K-DUFR B GEW SCHL**

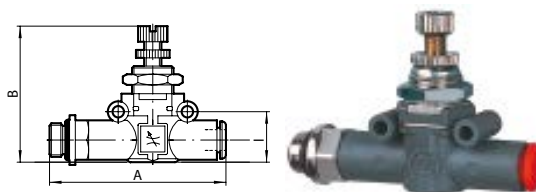
## Flow regulators, flow at both ends, thread - pipe

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

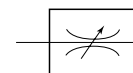
All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar:</b>	155 l/min (Ø 4), 450 l/min (Ø 6), 850 l/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	160 l/min (Ø 4), 550 l/min (Ø 6), 950 l/min (Ø 8)
<b>Adjustment:</b>	Manual or screwdriver
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request



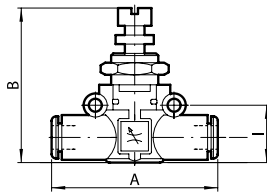
Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K- 07 15 06 02	M 5	4	47,7	35,0	12,7
K- 07 15 06 05	G 1/8	4	51,6	35,0	12,7
K- 07 15 06 06	G 1/8	6	58,5	40,0	14,6
K- 07 15 06 07	G 1/8	8	61,5	40,0	14,6
K- 07 15 06 03	G 1/4	6	66,2	49,0	18,7
K- 07 15 06 04	G 1/4	8	70,6	49,0	18,7
K- 07 15 06 08	G 3/8	8	72,2	49,0	18,7



**Web:** <http://cat.hansa-flex.com/en/KDUFRBGEWSCHL>

**K-DUFR B SCHL SCHL**

Flow regulators, flow at both ends, pipe - pipe



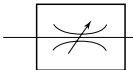
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar:</b>	155 l/min (Ø 4), 450 l/min (Ø 6), 850 l/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	160 l/min (Ø 4), 550 l/min (Ø 6), 950 l/min (Ø 8)
<b>Adjustment:</b>	Manual or screwdriver
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

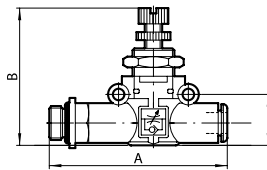
Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 99	4	42,0	35,0	12,7
K-07 15 06 00	6	49,4	40,0	14,6
K-07 15 06 01	8	57,3	49,0	18,7



**Web:** <http://cat.hansa-flex.com/en/KDUFRBSCHLSCHL>

**K-DUFR E SCHL GEW**

Flow regulators, flow at one end (valve assembly), pipe - thread



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar:</b>	155 l/min (Ø 4), 450 l/min (Ø 6), 850 l/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	160 l/min (Ø 4), 550 l/min (Ø 6), 950 l/min (Ø 8)
<b>Adjustment:</b>	Manual or screwdriver
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 92	M 5	4	47,7	35,0	12,7
K-07 15 05 95	G 1/8	4	51,6	35,0	12,7
K-07 15 05 96	G 1/8	6	58,5	40,0	14,6
K-07 15 05 97	G 1/8	8	61,5	40,0	14,6

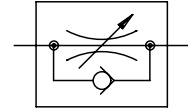


(Continued)

K-DUFR E SCHL GEW

## Flow regulators, flow at one end (valve assembly), pipe - thread

Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 93	G 1/4	6	66,2	49,0	18,7
K-07 15 05 94	G 1/4	8	70,6	49,0	18,7
K-07 15 05 98	G 3/8	8	72,2	49,0	18,7



Web: <http://cat.hansa-flex.com/en/KDUFRESCHLGEW>

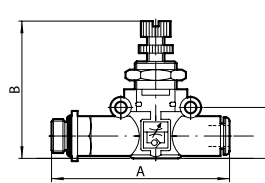
K-DUFR E GEW SCHL

## Flow regulators, flow at one end (cylinder assembly), thread - pipe

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

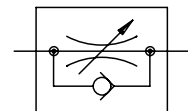
All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar:</b>	155 l/min (Ø 4), 450 l/min (Ø 6), 850 l/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	160 l/min (Ø 4), 550 l/min (Ø 6), 950 l/min (Ø 8)
<b>Adjustment:</b>	Manual or screwdriver
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing



Note: Further information on request

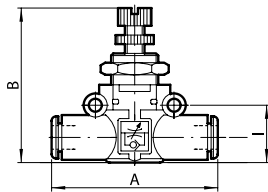
Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 85	M 5	4	47,7	35,0	12,7
K-07 15 05 88	G 1/8	4	51,6	35,0	12,7
K-07 15 05 89	G 1/8	6	58,5	40,0	14,6
K-07 15 05 90	G 1/8	8	61,5	40,0	14,6
K-07 15 05 86	G 1/4	6	66,2	49,0	18,7
K-07 15 05 87	G 1/4	8	70,6	49,0	18,7
K-07 15 05 91	G 3/8	8	72,2	49,0	18,7



Web: <http://cat.hansa-flex.com/en/KDUFREGESCHL>

**K-DUFR E SCHL SCHL**

Flow regulators, flow at one end, pipe - pipe



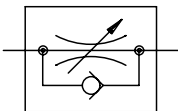
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar:</b>	155 l/min (Ø 4), 450 l/min (Ø 6), 850 l/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	160 l/min (Ø 4), 550 l/min (Ø 6), 950 l/min (Ø 8)
<b>Adjustment:</b>	Manual or screwdriver
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

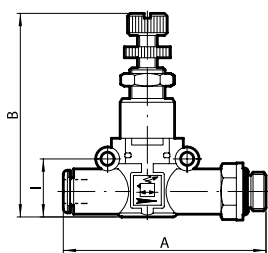
Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 82	4	42,0	35,0	12,7
K-07 15 05 83	6	49,4	40,0	14,6
K-07 15 05 84	8	57,3	49,0	18,7



**Web:** <http://cat.hansa-flex.com/en/KDUFRESCHLSCHL>

**K-DRG SCHL GEW**

Pressure regulators, pipe (input) - thread (output)



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	2 - 10 bar
<b>Flow rate 6,3bar:</b>	400 NI/min (Ø 6 and G 1/8), 600 NI/min (Ø 8 and G 1/4)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

Identification	Thread	for hose Ø mm	Control range	A mm	B mm	I mm
K-07 25 03 19	G 1/8	6	1 - 8 bar	58,5	52,0	14,6
K-07 25 03 20	G 1/8	8	1 - 8 bar	61,5	52,0	14,6
K-07 25 03 17	G 1/4	6	1 - 8 bar	66,2	58,0	18,7

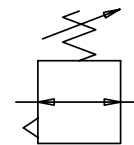


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K-DRG SCHL GEW

## Pressure regulators, pipe (input) - thread (output)

Identification	Thread	for hose Ø mm	Control range	A mm	B mm	I mm
K-07 25 03 18	G 1/4	8	1 - 8 bar	70,6	58,0	18,7
K-07 25 03 21	G 3/8	8	1 - 8 bar	72,2	58,0	18,7



Web: <http://cat.hansa-flex.com/en/KDRGSCHLGEW>

K-DRG GEW SCHL

## Pressure regulators, thread (input) - pipe (output)

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** 2 - 10 bar

**Flow rate 6,3bar:** 400 NI/min (Ø 6 and G 1/8), 600 NI/min (Ø 8 and G 1/4)

**Temp. range:** -20 °C to +60 °C

**Body:** Technopolymer

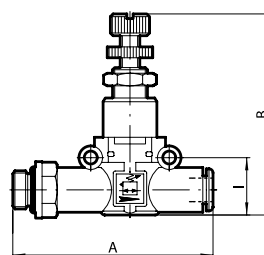
**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

**Sealant:** NBR

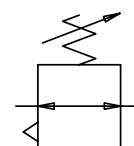
**Assembly:** Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)

**Symbol:** on the housing

**Note:** Further information on request



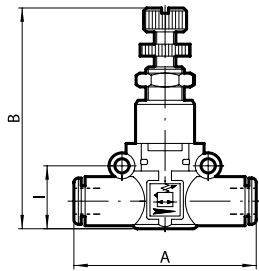
Identification	Thread	for hose Ø mm	Control range	A mm	B mm	I mm
K-07 25 03 14	G 1/8	6	1 - 8 bar	58,5	52,0	14,6
K-07 25 03 15	G 1/8	8	1 - 8 bar	61,5	52,0	14,6
K-07 25 03 12	G 1/4	6	1 - 8 bar	66,2	58,0	18,7
K-07 25 03 13	G 1/4	8	1 - 8 bar	70,6	58,0	18,7
K-07 25 03 16	G 3/8	8	1 - 8 bar	72,2	58,0	18,7



Web: <http://cat.hansa-flex.com/en/KDRGGEWSCHL>

**K-DRG SCHL SCHL**

## Pressure regulators, pipe - pipe



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** 2 - 10 bar

**Flow rate 6,3bar:** 400 NI/min (Ø 6 and G 1/8), 600 NI/min (Ø 8 and G 1/4)

**Temp. range:** -20 °C to +60 °C

**Body:** Technopolymer

**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

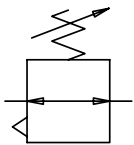
**Sealant:** NBR

**Assembly:** Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)

**Symbol:** on the housing

**Note:** Further information on request

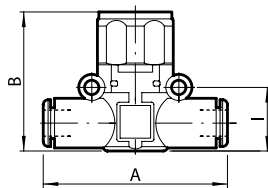
Identification	for hose Ø mm	Control range	A mm	B mm	I mm
K-07 25 03 10	6	1 - 8 bar	49,4	52,0	14,6
K-07 25 03 11	8	1 - 8 bar	57,3	58,0	18,7



**Web:** <http://cat.hansa-flex.com/en/KDRGSCHLSCHL>

**K-MANO SCHL SCHL**

## Pressure gauges, pipe - pipe



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** max. 12 bar

**Precision:** +/- 4 % of full-scale value

**Scale:** 0 - 12 bar

**Temp. range:** -20 °C to +60 °C

**Body:** Technopolymer

**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

**Sealant:** NBR

**Assembly:** Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)

**Symbol:** on the housing

**Note:** Further information on request

Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 38	4	41,8	36,1	12,8

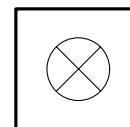


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K-MANO SCHL SCHL

Pressure gauges, pipe - pipe

Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 14 11	6	49,0	35,0	14,6
K-07 15 14 12	8	57,2	41,1	18,7



Web: <http://cat.hansa-flex.com/en/KMANOSCHLSCHL>

K-MANO GEW SCHL

Pressure gauges, thread (input) - pipe (output)

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** max. 12 bar

**Precision:** +/- 4 % of full-scale value

**Scale:** 0 - 12 bar

**Temp. range:** -20 °C to +60 °C

**Body:** Technopolymer

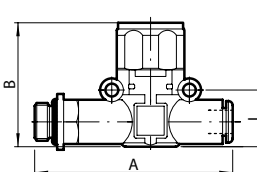
**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

**Sealant:** NBR

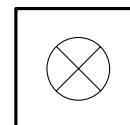
**Assembly:** Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)

**Symbol:** on the housing

**Note:** Further information on request



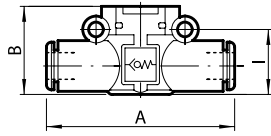
Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 39	M 5	4	47,7	36,1	12,8
K-07 15 25 40	G 1/8	4	51,5	36,1	12,8
K-07 15 14 15	G 1/8	6	58,3	35,0	14,6
K-07 15 14 16	G 1/8	8	66,4	41,1	18,7
K-07 15 14 13	G 1/4	6	61,3	35,0	14,6
K-07 15 14 14	G 1/4	8	70,8	41,1	18,7
K-07 15 14 17	G 3/8	8	72,4	41,1	18,7



Web: <http://cat.hansa-flex.com/en/KMANOGEWSCHL>

**K-SNV ENTLUE V SCHL GEW**

## Quick-exhaust valves, conveyed exhaust, pipe (input) - thread (output)



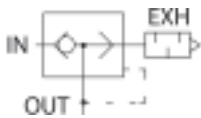
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	1 - 10 bar
<b>Flow rate 6,3bar:</b>	50 NI/min (Ø 4), 270 NI/min (Ø 6), 400 NI/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	100 NI/min (Ø 4), 700 NI/min (Ø 6), 1000 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 20 36	G 1/8	6	58,5	30,2	14,6
K-07 15 20 37	G 1/8	8	66,2	35,9	18,7
K-07 15 20 34	G 1/4	6	61,5	30,2	14,6
K-07 15 20 35	G 1/4	8	70,6	35,9	18,7
K-07 15 20 38	G 3/8	8	72,2	35,9	18,7

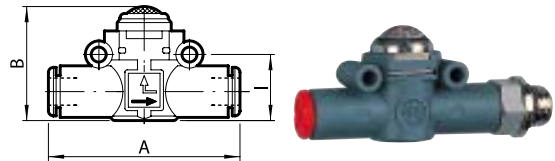


**Web:** <http://cat.hansa-flex.com/en/KSNVENTLUEVSCHLGEW>

**K-SNV ENTLUE V SCHA SCHL GEW****Quick-exhaust valves, with silencer, pipe (input) - thread (output)**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

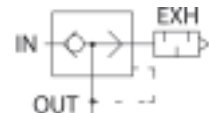
All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.



<b>Operating pressure:</b>	1 - 10 bar
<b>Flow rate 6,3bar:</b>	50 NI/min (Ø 4), 270 NI/min (Ø 6), 400 NI/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	100 NI/min (Ø 4), 700 NI/min (Ø 6), 1000 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

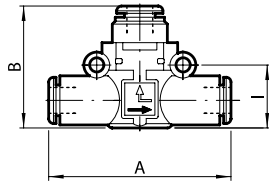
Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K- 07 15 25 31	M 5	4	46,7	19,8	12,8
K- 07 15 25 32	G 1/8	4	50,6	19,8	12,8
K- 07 15 20 41	G 1/8	6	58,5	25,5	14,6
K- 07 15 20 42	G 1/8	8	66,2	31,5	18,7
K- 07 15 20 39	G 1/4	6	61,5	25,5	14,6
K- 07 15 20 40	G 1/4	8	70,6	31,5	18,7
K- 07 15 20 43	G 3/8	8	72,2	31,5	18,7



**Web:** <http://cat.hansa-flex.com/en/KSNVENTLUEVSCHASCHLGEW>

**K-SNV ENTLUE V SCHL SCHL**

## Quick-exhaust valves, conveyed exhaust, pipe - pipe



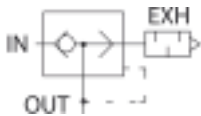
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	1 - 10 bar
<b>Flow rate 6,3bar:</b>	50 NI/min (Ø 4), 270 NI/min (Ø 6), 400 NI/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	100 NI/min (Ø 4), 700 NI/min (Ø 6), 1000 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 27	4	41,8	25,8	12,8
K-07 15 20 30	6	49,0	30,2	14,6
K-07 15 20 31	8	57,2	35,9	18,7



**Web:** <http://cat.hansa-flex.com/en/KSNVENTLUEVSCHLSCHL>



**K-SNV ENTLUE V SCHA SCHL SCHL**

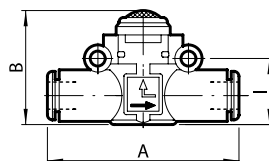
## Quick-exhaust valves, with silencer, pipe - pipe

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	1 - 10 bar
<b>Flow rate 6,3bar:</b>	50 NI/min (Ø 4), 270 NI/min (Ø 6), 400 NI/min (Ø 8)
<b>Flow rate of the vent 6.3 bar:</b>	100 NI/min (Ø 4), 700 NI/min (Ø 6), 1000 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 28	4	41,8	19,8	12,8
K-07 15 20 32	6	49,0	25,5	14,6
K-07 15 20 33	8	57,2	31,5	18,7



**Web:** <http://cat.hansa-flex.com/en/KSNVENTLUEVSCHASCHLSCHL>

**K-DAZ**

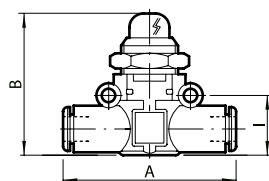
## Pressure indicators, pipe - pipe

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	2 - 10 bar
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

**Note:** Further information on request

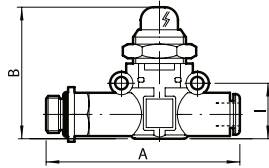


Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 75	-	6	49,4	37,0	14,6
K-07 15 05 76	-	8	57,3	41,0	18,7

**Web:** <http://cat.hansa-flex.com/en/KDAZ>

**K-DAZ 2**

## Pressure indicators, thread (input) - pipe (output)



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** 2 - 10 bar

**Temp. range:** -20 °C to +60 °C

**Body:** Technopolymer

**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

**Sealant:** NBR

**Assembly:** Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)

**Symbol:** on the housing

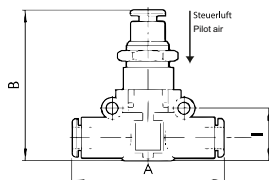
**Note:** Further information on request

Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 05 79	G 1/8	6	58,5	37,0	14,6
K-07 15 05 80	G 1/8	8	66,2	41,0	18,7
K-07 15 05 77	G 1/4	6	61,5	37,0	14,6
K-07 15 05 78	G 1/4	8	70,6	41,0	18,7
K-07 15 05 81	G 3/8	8	72,2	41,0	18,7

**Web:** <http://cat.hansa-flex.com/en/KDAZ2>

**K-WV 3/2 SCHL SCHL**

## 3/2-way valve, pipe - pipe



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed In parallel, In series, In a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** Max. 10 bar

**Flow rate 6,3bar, and p1bar:** 400 NI/min (Ø 6), 790 NI/min (Ø 8)

**Pilot air connection:** 4 mm

**Temp. range:** -20 °C to +60 °C

**Valve function:** NC

**Body:** Technopolymer

**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

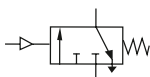
**Sealant:** NBR

**Assembly:** Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)

**Symbol:** on the housing

**Note:** Further information on request

Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 41	6	49,4	43,2	14,6
K-07 15 25 42	8	57,3	49,7	18,7



**Web:** <http://cat.hansa-flex.com/en/KWV32SCHLSCHL>

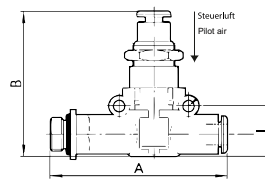
**K-WV 3/2 GEW SCHL****3/2-way valve, thread (input) - pipe (output)**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

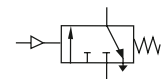
All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	400 NI/min (Ø 6), 790 NI/min (Ø 8)
<b>Pilot air connection:</b>	4 mm
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Valve function:</b>	NC
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 45	G 1/8	6	58,5	43,2	14,6
K-07 15 25 46	G 1/8	8	66,2	49,7	18,7
K-07 15 25 43	G 1/4	6	61,5	43,2	14,6
K-07 15 25 44	G 1/4	8	70,6	49,7	18,7
K-07 15 25 47	G 3/8	8	72,2	49,7	18,7



**Web:** <http://cat.hansa-flex.com/en/KWV32GEWSCHL>

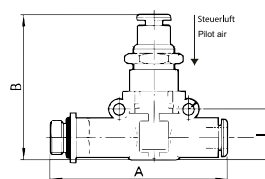
**K-WV 3/2 SCHL GEW****3/2-way valve, pipe (input) - thread (output)**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	400 NI/min (Ø 6), 790 NI/min (Ø 8)
<b>Pilot air connection:</b>	4 mm
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Valve function:</b>	NC
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 50	G 1/8	6	58,5	43,2	14,6
K-07 15 25 51	G 1/8	8	66,2	49,7	18,7

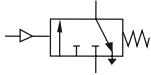


**K-WV 3/2 SCHL GEW**

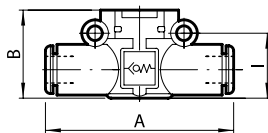
(Continued)

**3/2-way valve, pipe (input) - thread (output)**

Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 48	G 1/4	6	61,5	43,2	14,6
K-07 15 25 49	G 1/4	8	70,6	49,7	18,7
K-07 15 25 52	G 3/8	8	72,2	49,7	18,7



Web: <http://cat.hansa-flex.com/en/KWV32SCHLGEW>

**K-RD SCHL SCHL****Unidirectional valves, pipe - pipe**

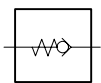
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	0.5 - 12 bar
<b>Flow rate 6,3bar, and p1bar:</b>	80 NI/min (Ø 4), 320 NI/min (Ø 6), 480 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

Note: Further information on request

Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 33	4	41,8	17,5	12,8
K-07 15 16 55	6	49,0	20,0	14,6
K-07 15 16 56	8	57,2	26,0	18,7



Web: <http://cat.hansa-flex.com/en/KRDSCHLSCHL>

## K-RD GEW SCHL

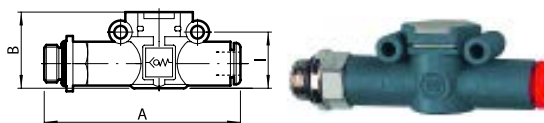
## Unidirectional valves, thread (input) - pipe (output)

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	0.5 - 12 bar
<b>Flow rate 6,3bar, and p1bar:</b>	80 NI/min (Ø 4), 320 NI/min (Ø 6), 480 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 34	M 5	4	47,7	17,5	12,8
K-07 15 25 35	G 1/8	4	50,6	17,5	12,8
K-07 15 16 59	G 1/8	6	58,3	20,0	14,6
K-07 15 16 60	G 1/8	8	66,4	26,0	18,7
K-07 15 16 57	G 1/4	6	61,3	20,0	14,6
K-07 15 16 58	G 1/4	8	70,8	26,0	18,7
K-07 15 16 61	G 3/8	8	72,4	26,0	18,7



**Web:** <http://cat.hansa-flex.com/en/KRDGEWSCHL>

## K-RD SCHL GEW

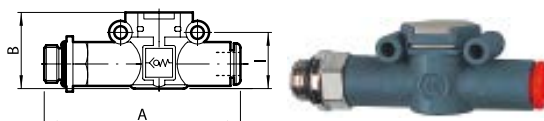
## Unidirectional valves, pipe (input) - thread (output)

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	0.5 - 12 bar
<b>Flow rate 6,3bar, and p1bar:</b>	80 NI/min (Ø 4), 320 NI/min (Ø 6), 480 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 36	M 5	4	47,7	17,5	12,8
K-07 15 25 37	G 1/8	4	50,6	17,5	12,8
K-07 15 16 64	G 1/8	6	58,3	20,0	14,6

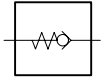


**K-RD SCHL GEW**

(Continued)

## Unidirectional valves, pipe (input) - thread (output)

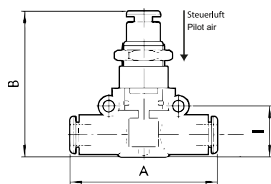
Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 16 65	G 1/8	8	66,4	26,0	18,7
K-07 15 16 62	G 1/4	6	61,3	20,0	14,6
K-07 15 16 63	G 1/4	8	70,8	26,0	18,7
K-07 15 16 66	G 3/8	8	72,4	26,0	18,7



Web: <http://cat.hansa-flex.com/en/KRDSCHLGEW>

**K-PNEU ENTSPRV SCHL SCHL**

## Pneumatically piloted stop valves, pipe - pipe



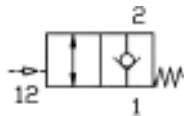
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	400 NI/min (Ø 6), 790 NI/min (Ø 8)
<b>Pilot air connection:</b>	4 mm
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut)
<b>Symbol:</b>	on the housing

Note: Further information on request

Identification	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 53	6	49,4	43,2	14,6
K-07 15 25 54	8	57,3	49,7	18,7



Web: <http://cat.hansa-flex.com/en/KPNEUENTSPRVSCHLSCHL>

## K-PNEU ENTSPRV SCHL AG

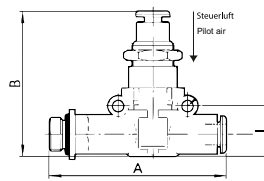
## Pneumatically piloted stop valves, pipe - thread

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

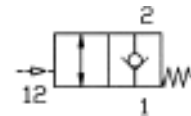
All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	400 NI/min (Ø 6), 790 NI/min (Ø 8)
<b>Pilot air connection:</b>	4 mm
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 57	G 1/8	6	58,5	43,2	14,6
K-07 15 25 58	G 1/8	8	66,2	49,7	18,7
K-07 15 25 55	G 1/4	6	61,5	43,2	14,6
K-07 15 25 56	G 1/4	8	70,6	49,7	18,7
K-07 15 25 59	G 3/8	8	72,2	49,7	18,7



**Web:** <http://cat.hansa-flex.com/en/KPNEUENTSPRVSCHLAG>

## K-PNEU ENTSPRV AG SCHL

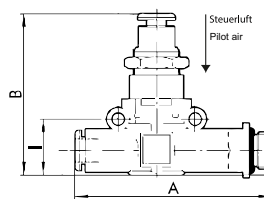
## Pneumatically piloted stop valves, thread - pipe

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	400 NI/min (Ø 6), 790 NI/min (Ø 8)
<b>Pilot air connection:</b>	4 mm
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 62	G 1/8	6	58,5	43,2	14,6
K-07 15 25 63	G 1/8	8	66,2	49,7	18,7
K-07 15 25 60	G 1/4	6	61,5	43,2	14,6

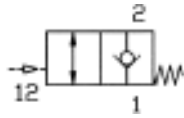


**K-PNEU ENTSPRV AG SCHL**

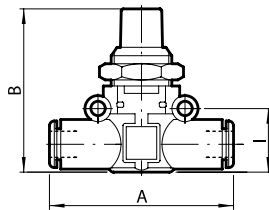
(Continued)

**Pneumatically piloted stop valves, thread - pipe**

Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 25 61	G 1/4	8	70,6	49,7	18,7
K-07 15 25 64	G 3/8	8	72,2	49,7	18,7



Web: <http://cat.hansa-flex.com/en/KPNEUENTSPRVAGSCHL>

**K-ABSPV SCHL SCHL****Shut-off valves, pipe - pipe**

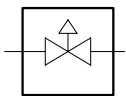
A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	280 NI/min (Ø 6), 470 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	

Note: Further information on request

Identification	for hose Ø mm	Symbol	A mm	B mm	I mm
K-07 15 04 42	6	On housing	49,0	41,0	14,6
K-07 15 04 43	8	On housing	57,2	46,0	18,7



Web: <http://cat.hansa-flex.com/en/KABSPVSCHLSCHL>



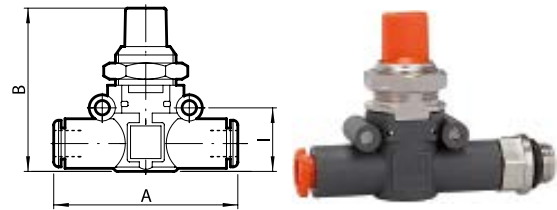
**K-ABSPV GEW SCHL****Shut-off valves, thread (input) - pipe (output)**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

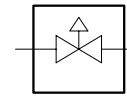
All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	280 NI/min (Ø 6), 470 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K- 07 15 04 46	G 1/8	6	58,3	41,0	14,6
K- 07 15 04 47	G 1/8	8	66,4	46,0	18,7
K- 07 15 04 44	G 1/4	6	61,3	41,0	14,6
K- 07 15 04 45	G 1/4	8	70,8	46,0	18,7
K- 07 15 04 48	G 3/8	8	72,4	46,0	18,7



**Web:** <http://cat.hansa-flex.com/en/KABSPVGEWSCHL>

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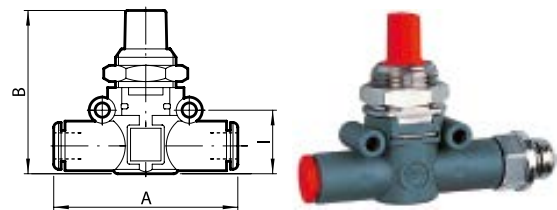
**K-ABSPV SCHL GEW****Shut-off valves, pipe (input) - thread (output)**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	Max. 10 bar
<b>Flow rate 6,3bar, and p1bar:</b>	280 NI/min (Ø 6), 470 NI/min (Ø 8)
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	

**Note:** Further information on request



Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K- 07 15 04 51	G 1/8	6	58,3	41,0	14,6
K- 07 15 04 52	G 1/8	8	66,4	46,0	18,7
K- 07 15 04 49	G 1/4	6	61,3	41,0	14,6

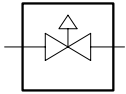


**K-ABSPV SCHL GEW**

(Continued)

## Shut-off valves, pipe (input) - thread (output)

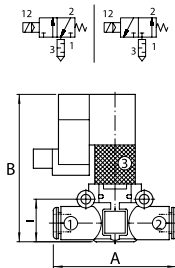
Identification	Thread	for hose Ø mm	A mm	B mm	I mm
K-07 15 04 50	G 1/4	8	70,8	46,0	18,7
K-07 15 04 53	G 3/8	8	72,4	46,0	18,7



Web: <http://cat.hansa-flex.com/en/KABSPVSCHLGEW>

**K-WMAV 3/2 SCHAL ENTLUEF SCHL SCHL**

## 3/2-way solenoid valves, exhaust damped by silencer, pipe - pipe



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	2.5 - 7 bar
<b>Flow rate 6,3bar, and p1bar:</b>	380 NI/min (Ø 6), 700 NI/min (Ø 8)
<b>Power:</b>	1,2 W
<b>Voltage:</b>	24 V DC
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

Note: Further information on request

Identification	for hose Ø mm	Operating principle	A mm	B mm	I mm
K-07 15 13 83	6	NC	49,0	57,5	14,6
K-07 15 13 84	8	NC	57,2	63,5	18,7
K-07 15 13 85	6	NO	49,0	57,5	14,6
K-07 15 13 86	8	NO	57,2	63,5	18,7

Web: <http://cat.hansa-flex.com/en/KWMAV32SCHALENTLUEFSCHLSCHL>

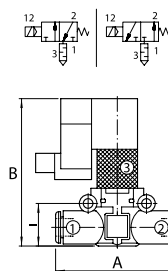
**K-WMAV 3/2 GEFUE ENTLUEF SCHL SCHL****3/2-way solenoid valves, conveyed exhaust, pipe - pipe**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	2.5 - 7 bar
<b>Flow rate 6,3bar, and p1bar:</b>	380 NI/min (Ø 6), 700 NI/min (Ø 8)
<b>Power:</b>	1,2 W
<b>Voltage:</b>	24 V DC
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	for hose Ø mm	Operating principle	A mm	B mm	I mm
K-07 15 13 87	6	NC	49,0	57,5	14,6
K-07 15 13 88	8	NC	57,2	63,5	18,7
K-07 15 13 89	6	NO	49,0	57,5	14,6
K-07 15 13 90	8	NO	57,2	63,5	18,7

**Web:** <http://cat.hansa-flex.com/en/KWMAV32GEFUEENTLUEFSCHLSCHL>

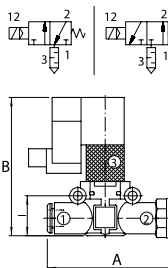
**K-WMAV 3/2 SCHAL ENTLUEF SCHL GEW****3/2-way solenoid valves, exhaust damped by silencer, pipe (input) - thread (output)**

A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

<b>Operating pressure:</b>	2.5 - 7 bar
<b>Flow rate 6,3bar, and p1bar:</b>	380 NI/min (Ø 6), 700 NI/min (Ø 8)
<b>Power:</b>	1,2 W
<b>Voltage:</b>	24 V DC
<b>Temp. range:</b>	-20 °C to +60 °C
<b>Body:</b>	Technopolymer
<b>Internal parts:</b>	nickel-plated brass, brass, technopolymer, stainless steel
<b>Sealant:</b>	NBR
<b>Assembly:</b>	Wall mounting (housing with drilled holes), Bracket mounting (mounting bracket available), Panel mounting (with bracket or lock nut) on the housing
<b>Symbol:</b>	on the housing

**Note:** Further information on request



Identification	Thread	for hose Ø mm	Operating principle	A mm	B mm	I mm
K-07 15 13 93	G 1/8	6	NC	58,3	57,5	14,6
K-07 15 13 94	G 1/8	8	NC	66,4	63,5	18,7
K-07 15 13 91	G 1/4	6	NC	61,3	57,5	14,6
K-07 15 13 92	G 1/4	8	NC	70,8	63,5	18,7
K-07 15 13 95	G 3/8	8	NC	72,4	63,5	18,7
K-07 15 13 98	G 1/8	6	NO	58,3	57,5	14,6
K-07 15 13 99	G 1/8	8	NO	66,4	63,5	18,7
K-07 15 13 96	G 1/4	6	NO	61,3	57,5	14,6

**K-WMAV 3/2 SCHAL ENTLUEF SCHL GEW**

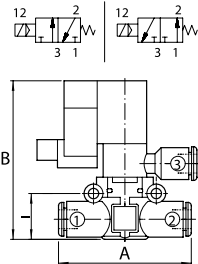
(Continued)

3/2-way solenoid valves, exhaust damped by silencer, pipe (input) - thread (output)

Identification	Thread	for hose Ø mm	Operating principle	A mm	B mm	I mm
K-07 15 13 97	G 1/4	8	NO	70,8	63,5	18,7
K-07 15 14 00	G 3/8	8	NO	72,4	63,5	18,7

Web: <http://cat.hansa-flex.com/en/KWMAV32SCHALENTLUEFSCHLGEW>**K-WMAV 3/2 GEFUE ENTLUEF SCHL GEW**

3/2-way solenoid valves, conveyed exhaust, pipe (input) - thread (output)



A carefully selected assortment of products for installation in pneumatic circuits. These small, highly efficient components allow all pneumatic functions to be implemented anywhere in the circuit. The series has an ultramodular design.

All components can be installed in parallel, in series, in a mixed parallel / serial configuration. Available as Pipe / pipe connection with two plug connectors Thread / pipe connection, with one plug connector and one nickel-plated brass thread.

**Operating pressure:** 2.5 - 7 bar  
**Flow rate 6,3bar, and p1bar:** 380 NI/min (Ø 6), 700 NI/min (Ø 8)

**Power:** 1,2 W

**Voltage:** 24 V DC

**Temp. range:** -20 °C to +60 °C

**Body:** Technopolymer

**Internal parts:** nickel-plated brass, brass, technopolymer, stainless steel

**Sealant:** NBR

**Assembly:** Wall mounting (housing with drilled holes),  
Bracket mounting (mounting bracket available),  
Panel mounting (with bracket or lock nut)  
on the housing

**Symbol:**

**Note:** Further information on request

Identification	Thread	for hose Ø mm	Operating principle	A mm	B mm	I mm
K-07 15 14 03	G 1/8	6	NC	58,3	57,5	14,6
K-07 15 14 04	G 1/8	8	NC	66,4	63,5	18,7
K-07 15 14 01	G 1/4	6	NC	61,3	57,5	14,6
K-07 15 14 02	G 1/4	8	NC	70,8	63,5	18,7
K-07 15 14 05	G 3/8	8	NC	72,4	63,5	18,7
K-07 15 14 08	G 1/8	6	NO	58,3	57,5	14,6
K-07 15 14 09	G 1/8	8	NO	66,4	63,5	18,7
K-07 15 14 06	G 1/4	6	NO	61,3	57,5	14,6
K-07 15 14 07	G 1/4	8	NO	70,8	63,5	18,7
K-07 15 14 10	G 3/8	8	NO	72,4	63,5	18,7

Web: <http://cat.hansa-flex.com/en/KWMAV32GEFUEENTLUEFSCHLGEW>**K-ZUBEH LINEONLINE**

Accessories lineonline


Identification	Circuit diagram	Description
K-07 15 20 87		U-shaped element >>lineonline<< / for 8mm pipe / for serial installation of lineonline components
K-07 15 20 88		plug connection (11 connections) >>lineonline<< for lineonline solenoid valves
K-07 15 20 85		mounting bracket incl. 2 screws 3 x 16 / 2 hexagon nuts, 2 spring lock washers, 4 washers



(Continued)

K-ZUBEH LINEONLINE

Accessories lineonline

Identification	Circuit diagram	Description
K- 07 15 20 86		U-shaped element >>lineonline<< / for 6 mm pipe / for serial installation of lineonline components

Web: <http://cat.hansa-flex.com/en/KZUBEHLINEONLINE>

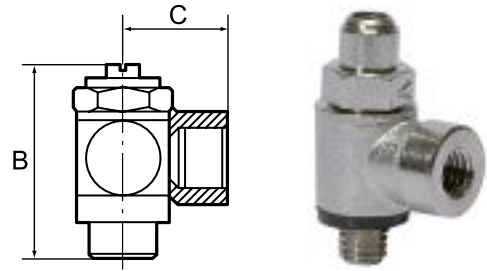
K-DRV GEW V SCHLITZ

## Unidirectional flow control valves, incoming air restriction (»V«), screw connection

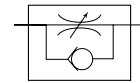
For fine regulation of a cylinder piston speed in the forward and return motion and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder to restrict the incoming air. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

Note: Further information on request



Identification	Connection	C mm	Thread	AF	B mm
K- 07 15 25 21	M 5 female thread	11,5	M 5	8 mm	24,5
K- 07 15 05 70	G 1/8 female thread	16,0	G 1/8	14 mm	32,0
K- 07 15 05 66	G 1/4 female thread	22,0	G 1/4	17 mm	40,0
K- 07 15 25 22	G 3/8 female thread	26,0	G 3/8	20 mm	50,0

Web: <http://cat.hansa-flex.com/en/KDRVGEWVSCHLITZ>

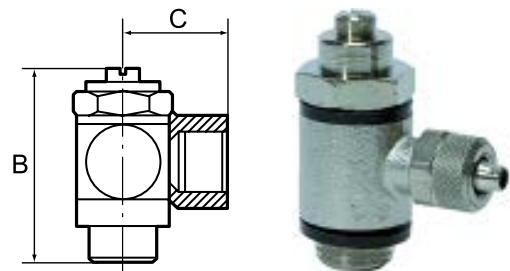
K-DRV SCHNVERSCHR V SCHLITZ

## Unidirectional flow control valves, incoming air restriction (»V«), quick-lock screw fitting

For fine regulation of a cylinder piston speed in the forward and return motion and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder to restrict the incoming air. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

Note: Further information on request



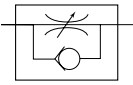
Identification	C mm	for hose	Thread	AF	B mm
K- 07 15 05 63	18,0	4 mm / 2,5 mm	M 5	8 mm	24,5
K- 07 15 05 64	19,0	5 mm / 3 mm	M 5	8 mm	24,5
K- 07 15 05 65	19,0	6 mm / 4 mm	M 5	8 mm	24,5
K- 07 15 05 71	23,0	5 mm / 3 mm	G 1/8	14 mm	32,0
K- 07 15 05 72	25,0	6 mm / 4 mm	G 1/8	14 mm	32,0
K- 07 15 05 73	25,0	8 mm / 6 mm	G 1/8	14 mm	32,0
K- 07 15 05 68	26,5	6 mm / 4 mm	G 1/4	17 mm	40,0
K- 07 15 05 69	27,5	8 mm / 6 mm	G 1/4	17 mm	40,0

**K-DRV SCHNVERSCHR V SCHLITZ**

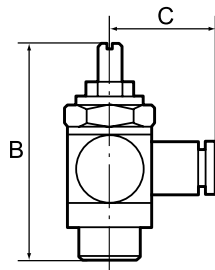
(Continued)

Unidirectional flow control valves, incoming air restriction (»V«), quick-lock screw fitting

Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 67	28,5	10 mm / 8 mm	G 1/4	17 mm	40,0
K-07 15 05 74	30,5	10 mm / 8 mm	G 3/8	20 mm	50,0

Web: <http://cat.hansa-flex.com/en/KDRVSNVERSCHRVSCHLITZ>**K-DRV STECK V SCHLITZ**

Unidirectional flow control valves, incoming air restriction (»V«), plug-in connector

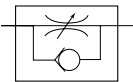


For fine regulation of a cylinder piston speed in the forward and return motion and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder to restrict the incoming air. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

Note: Further information on request

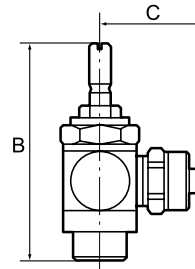
Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 28	18,6	4 mm	M 5	8 mm	24,5
K-07 15 05 29	21,7	6 mm	M 5	8 mm	24,5
K-07 15 05 33	20,6	4 mm	G 1/8	14 mm	32,0
K-07 15 05 34	22,7	6 mm	G 1/8	14 mm	32,0
K-07 15 05 35	23,7	8 mm	G 1/8	14 mm	32,0
K-07 15 05 31	24,2	6 mm	G 1/4	17 mm	40,0
K-07 15 05 32	24,7	8 mm	G 1/4	17 mm	40,0
K-07 15 05 30	26,8	10 mm	G 1/4	17 mm	40,0
K-07 15 05 36	28,3	10 mm	G 3/8	20 mm	50,0

Web: <http://cat.hansa-flex.com/en/KDRVSTECKVSCHLITZ>

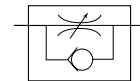
**K-DRV GEW V RAENDEL****Unidirectional flow control valves, incoming air restriction (»V«), screw connection**

For fine regulation of a cylinder piston speed in the forward and return motion and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted. On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)
<b>Note:</b>	Further information on request



Identification	Connection	C mm	Thread	AF	B mm
K-07 15 25 19	M 5 female thread	11,5	M 5	8 mm	38,9
K-07 15 05 17	G 1/8 female thread	16,0	G 1/8	14 mm	42,4
K-07 15 05 13	G 1/4 female thread	22,0	G 1/4	17 mm	51,0
K-07 15 25 20	G 3/8 female thread	26,0	G 3/8	20 mm	63,0

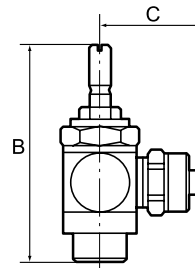


**Web:** <http://cat.hansa-flex.com/de/KDRVGEWVRAENDEL>

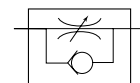
**K-DRV SCHNVERSCHR V RAENDEL****Unidirectional flow control valves, incoming air restriction (»V«), quick-lock screw fitting**

For fine regulation of a cylinder piston speed in the forward and return motion and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted. On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)
<b>Note:</b>	Further information on request



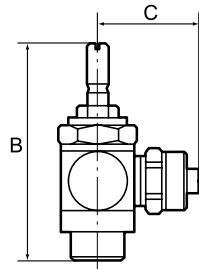
Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 10	18,0	4 mm / 2,5 mm	M 5	8 mm	38,9
K-07 15 05 11	19,0	5 mm / 3 mm	M 5	8 mm	38,9
K-07 15 05 12	19,0	6 mm / 4 mm	M 5	8 mm	38,9
K-07 15 05 18	23,0	5 mm / 3 mm	G 1/8	14 mm	42,4
K-07 15 05 19	25,0	6 mm / 4 mm	G 1/8	14 mm	42,4
K-07 15 05 20	25,0	8 mm / 6 mm	G 1/8	14 mm	42,4
K-07 15 05 15	26,5	6 mm / 4 mm	G 1/4	17 mm	51,4
K-07 15 05 16	27,5	8 mm / 6 mm	G 1/4	17 mm	51,4
K-07 15 05 14	28,5	10 mm / 8 mm	G 1/4	17 mm	51,4



**Web:** <http://cat.hansa-flex.com/en/KDRVSCHNVERSCHRVAENDEL>

**K-DRV STECK V RAENDEL**

Unidirectional flow control valves, incoming air restriction (»V«), plug-in connector

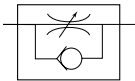


For fine regulation of a cylinder piston speed in the forward and return motion and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted. On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

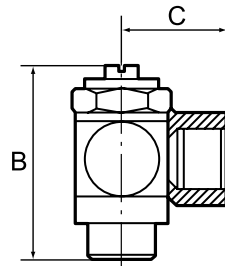
<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 21	18,6	4 mm	M 5	8 mm	38,9
K-07 15 05 22	21,7	6 mm	M 5	8 mm	38,9
K-07 15 05 26	20,6	4 mm	G 1/8	14 mm	42,4
K-07 15 05 27	22,7	6 mm	G 1/8	14 mm	42,4
K-07 15 04 73	23,7	8 mm	G 1/8	14 mm	42,4
K-07 15 05 24	24,2	6 mm	G 1/4	17 mm	51,4
K-07 15 05 25	24,7	8 mm	G 1/4	17 mm	51,4
K-07 15 05 23	26,8	10 mm	G 1/4	17 mm	51,4

**Web:** <http://cat.hansa-flex.com/en/KDRVSTECKVRAENDEL>**K-DRV ABLD GEW C SCHLITZ**

Unidirectional flow control valves, outgoing air restriction (»C«), screw connection

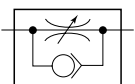


For fine regulation of a cylinder piston speed and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	Connection	C mm	Thread	AF	B mm
K-07 15 05 40	M 5 female thread	11,5	M 5	8 mm	24,5
K-07 15 05 45	G 1/8 female thread	16,0	G 1/8	14 mm	32,0
K-07 15 05 41	G 1/4 female thread	22,0	G 1/4	17 mm	40,0
K-07 15 25 24	G 3/8 female thread	26,0	G 3/8	20 mm	50,0
K-07 15 25 23	G 1/2 female thread	32,0	G 1/2	26 mm	61,0

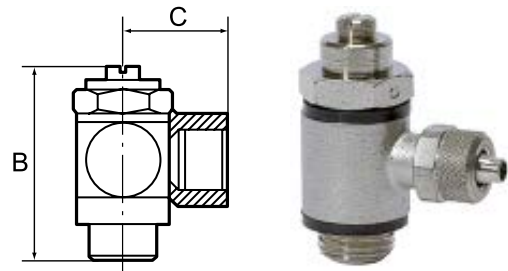
**Web:** <http://cat.hansa-flex.com/en/KDRVABLDGEWC SCHLITZ>



**K-DRV ABLD SCHNVERSCHR C SCHLITZ****Unidirectional flow control valves, outgoing air restriction (»C«), quick-lock screw fitting**

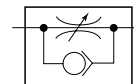
For fine regulation of a cylinder piston speed and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)



**Note:** Further information on request

Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 37	18,0	4 mm / 2,5 mm	M 5	8 mm	24,5
K-07 15 05 38	19,0	5 mm / 3 mm	M 5	8 mm	24,5
K-07 15 05 39	19,0	6 mm / 4 mm	M 5	8 mm	24,5
K-07 15 05 46	23,0	5 mm / 3 mm	G 1/8	14 mm	32,0
K-07 15 05 47	25,0	6 mm / 4 mm	G 1/8	14 mm	32,0
K-07 15 05 48	25,0	8 mm / 6 mm	G 1/8	14 mm	32,0
K-07 15 05 43	26,5	6 mm / 4 mm	G 1/4	17 mm	40,0
K-07 15 05 44	27,5	8 mm / 6 mm	G 1/4	17 mm	40,0
K-07 15 05 49	30,5	10 mm / 8 mm	G 3/8	20 mm	50,0
K-07 15 05 42	28,5	10 mm / 8 mm	G 1/4	17 mm	40,0

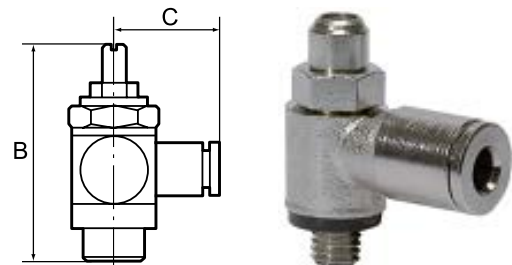


**Web:** <http://cat.hansa-flex.com/en/KDRVABLDSCHNVERSCHRCSCHLITZ>

**K-DRV ABLD STECK C SCHLITZ****Unidirectional flow control valves, outgoing air restriction (»C«), plug-in connector**

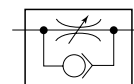
For fine regulation of a cylinder piston speed and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)



**Note:** Further information on request

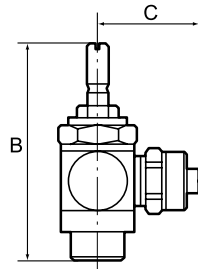
Identification	C mm	for hose	Thread	AF	B mm
K-07 15 04 74	18,6	4 mm	M 5	8 mm	24,5
K-07 15 04 75	21,7	6 mm	M 5	8 mm	24,5
K-07 15 04 79	20,6	4 mm	G 1/8	14 mm	32,0
K-07 15 04 80	22,7	6 mm	G 1/8	14 mm	32,0
K-07 15 04 81	23,7	8 mm	G 1/8	14 mm	32,0
K-07 15 04 77	24,2	6 mm	G 1/4	17 mm	40,0
K-07 15 04 78	24,7	8 mm	G 1/4	17 mm	40,0
K-07 15 04 76	26,8	10 mm	G 1/4	17 mm	40,0
K-07 15 04 82	28,8	10 mm	G 3/8	20 mm	50,0



**Web:** <http://cat.hansa-flex.com/en/KDRVABLDSTECKCSCHLITZ>

**K-DRV ABLD GEW C RAENDEL**

Unidirectional flow control valves, outgoing air restriction (»C«), screw connection

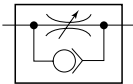


For fine regulation of a cylinder piston speed and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted. On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

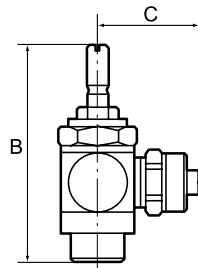
<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	Connection	C mm	Thread	AF	B mm
K-07 15 04 57	M 5 female thread	11,5	M 5	8 mm	38,9
K-07 15 04 62	G 1/8 female thread	16,0	G 1/8	14 mm	42,0
K-07 15 04 58	G 1/4 female thread	22,0	G 1/4	17 mm	51,0
K-07 15 25 14	G 1/2 female thread	32,0	G 1/2	26 mm	81,0
K-07 15 25 15	G 3/8 female thread	26,0	G 3/8	20 mm	63,0

**Web:** <http://cat.hansa-flex.com/en/KDRVABLDGEWCRAENDEL>**K-DRV ABLD SCHNVERSCHR C RAENDEL**

Unidirectional flow control valves, outgoing air restriction (»C«), quick-lock screw fitting

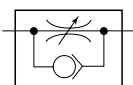


For fine regulation of a cylinder piston speed and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted. On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	C mm	for hose	Thread	AF	B mm
K-07 15 04 54	18,0	4 mm / 2,5 mm	M 5	8 mm	38,9
K-07 15 04 55	19,0	5 mm / 3 mm	M 5	8 mm	38,9
K-07 15 04 56	19,0	6 mm / 4 mm	M 5	8 mm	38,9
K-07 15 04 63	25,0	6 mm / 4 mm	G 1/8	14 mm	42,4
K-07 15 04 64	25,0	8 mm / 6 mm	G 1/8	14 mm	42,4
K-07 15 04 60	26,5	6 mm / 4 mm	G 1/4	17 mm	51,4
K-07 15 04 61	27,5	8 mm / 6 mm	G 1/4	17 mm	51,4
K-07 15 04 59	28,5	10 mm / 8 mm	G 1/4	17 mm	51,4

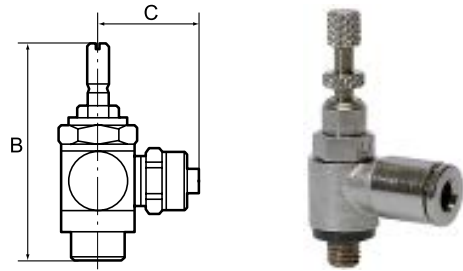
**Web:** <http://cat.hansa-flex.com/en/KDRVABLDSCHNVERSCHRCRAENDEL>

**K-DRV ABLD STECK C RAENDEL****Unidirectional flow control valves, outgoing air restriction (»C«), plug-in connector**

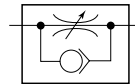
For fine regulation of a cylinder piston speed and precise control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece. Can be screwed directly onto the valve or cylinder. Compact type of construction, also ideal where space is restricted. On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request



Identification	C mm	for hose	Thread	AF	B mm
K-07 15 04 65	18,6	4 mm	M 5	8 mm	38,9
K-07 15 04 66	21,7	6 mm	M 5	8 mm	38,9
K-07 15 04 70	20,6	4 mm	G 1/8	14 mm	42,4
K-07 15 04 71	22,7	6 mm	G 1/8	14 mm	42,4
K-07 15 04 72	23,7	8 mm	G 1/8	14 mm	42,4
K-07 15 04 68	24,2	6 mm	G 1/4	17 mm	51,4
K-07 15 04 69	24,7	8 mm	G 1/4	17 mm	51,4
K-07 15 04 67	26,8	10 mm	G 1/4	17 mm	51,4



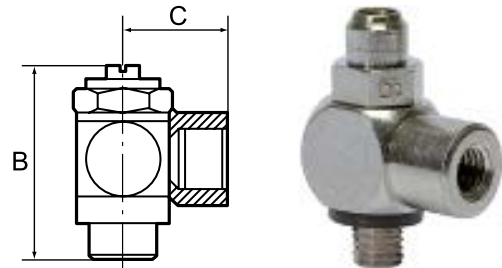
**Web:** <http://cat.hansa-flex.com/en/KDRVABLDSTECKCRAENDEL>

**K-DV GEW B SCHLITZ****Bidirectional flow control valves, air restriction at both ends (»B«), screw connection**

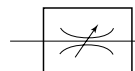
For regulation of a cylinder piston speed at both ends and control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece for mounting directly. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request



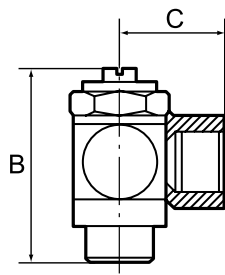
Identification	Connection	C mm	Thread	AF	B mm
K-07 15 05 53	M 5 female thread	11,5	M 5	8 mm	24,5
K-07 15 05 58	G 1/8 female thread	16,0	G 1/8	14 mm	32,0
K-07 15 05 54	G 1/4 female thread	22,0	G 1/4	17 mm	40,0
K-07 15 25 26	G 3/8 female thread	26,0	G 3/8	20 mm	50,0
K-07 15 25 25	G 1/2 female thread	32,0	G 1/2	26 mm	61,0



**Web:** <http://cat.hansa-flex.com/en/KDVGEWBSCHLITZ>

**K-DV SCHNVERSCHR B SCHLITZ**

Bidirectional flow control valves, air restriction at both ends (»B«), quick-lock screw fitting

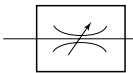


For regulation of a cylinder piston speed at both ends and control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece for mounting directly. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

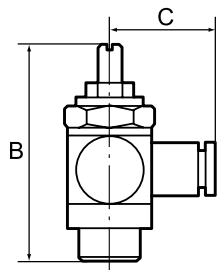
Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 50	18,0	4 mm / 2,5 mm	M 5	8 mm	24,5
K-07 15 05 51	19,0	5 mm / 3 mm	M 5	8 mm	24,5
K-07 15 05 52	19,0	6 mm / 4 mm	M 5	8 mm	24,5
K-07 15 05 59	23,0	5 mm / 3 mm	G 1/8	14 mm	32,0
K-07 15 05 60	25,0	6 mm / 4 mm	G 1/8	14 mm	32,0
K-07 15 05 61	25,0	8 mm / 6 mm	G 1/8	14 mm	32,0
K-07 15 05 56	26,5	6 mm / 4 mm	G 1/4	17 mm	40,0
K-07 15 05 57	27,5	8 mm / 6 mm	G 1/4	17 mm	40,0
K-07 15 05 55	28,5	10 mm / 8 mm	G 1/4	17 mm	40,0
K-07 15 05 62	30,5	10 mm / 8 mm	G 3/8	20 mm	50,0



**Web:** <http://cat.hansa-flex.com/en/KDVSCHNVERSCHRBSCHLITZ>

**K-DV STECK B SCHLITZ**

Bidirectional flow control valves, air restriction at both ends (»B«), plug-in connector

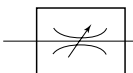


For regulation of a cylinder piston speed at both ends and control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece for mounting directly. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	C mm	for hose	Thread	AF	B mm
K-07 15 05 01	18,6	4 mm	M 5	8 mm	24,5
K-07 15 05 02	21,7	6 mm	M 5	8 mm	24,5
K-07 15 05 06	20,6	4 mm	G 1/8	14 mm	32,0
K-07 15 05 07	22,7	6 mm	G 1/8	14 mm	32,0
K-07 15 05 08	23,7	8 mm	G 1/8	14 mm	32,0
K-07 15 05 04	24,2	6 mm	G 1/4	17 mm	40,0
K-07 15 05 05	24,7	8 mm	G 1/4	17 mm	40,0
K-07 15 05 03	26,8	10 mm	G 1/4	17 mm	40,0
K-07 15 05 09	28,8	10 mm	G 3/8	20 mm	50,0



**Web:** <http://cat.hansa-flex.com/en/KDVSTECKBSCHLITZ>

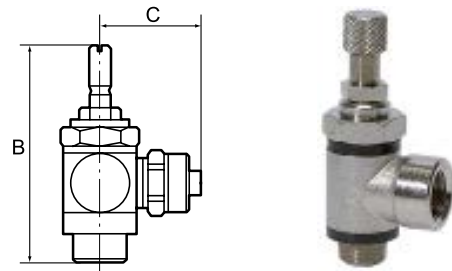
**K-DV GEW B RAENDEL****Bidirectional flow control valves, air restriction at both ends (»B«), screw connection**

For regulation of a cylinder piston speed at both ends and control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece for mounting directly.

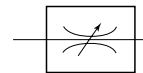
On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request



Identification	Connection	C mm	Thread	AF	B mm
K-07 15 25 16	M 5 female thread	11,5	M 5	8 mm	38,9
K-07 15 04 97	G 1/8 female thread	16,0	G 1/8	14 mm	42,0
K-07 15 04 93	G 1/4 female thread	22,0	G 1/4	17 mm	51,0
K-07 15 25 17	G 1/2 female thread	32,0	G 1/2	26 mm	81,0
K-07 15 25 18	G 3/8 female thread	26,0	G 3/8	20 mm	63,0



**Web:** <http://cat.hansa-flex.com/en/KDVGEWBRAENDEL>

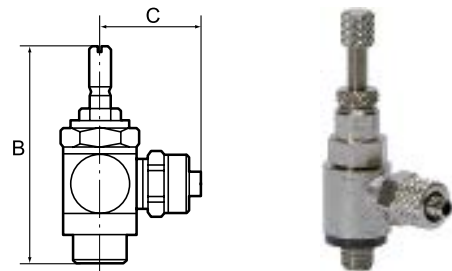
**K-DV SCHNVERSCHR B RAENDEL****Bidirectional flow control valves, air restriction at both ends (»B«), quick-lock screw fitting**

For regulation of a cylinder piston speed at both ends and control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece for mounting directly.

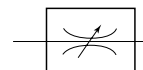
On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request



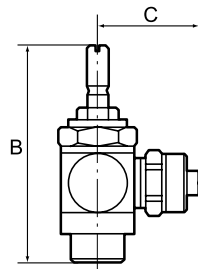
Identification	C mm	for hose	Thread	AF	B mm
K-07 15 04 90	18,0	4 mm / 2,5 mm	M 5	8 mm	38,9
K-07 15 04 91	19,0	5 mm / 3 mm	M 5	8 mm	38,9
K-07 15 04 92	19,0	6 mm / 4 mm	M 5	8 mm	38,9
K-07 15 04 98	23,0	5 mm / 3 mm	G 1/8	14 mm	42,0
K-07 15 04 99	25,0	6 mm / 4 mm	G 1/8	14 mm	42,0
K-07 15 05 00	25,0	8 mm / 6 mm	G 1/8	14 mm	42,0
K-07 15 04 95	26,5	6 mm / 4 mm	G 1/4	17 mm	51,0
K-07 15 04 96	27,5	8 mm / 6 mm	G 1/4	17 mm	51,0
K-07 15 04 94	28,5	10 mm / 8 mm	G 1/4	17 mm	51,0



**Web:** <http://cat.hansa-flex.com/en/KDVSCHNVERSCHRBAENDEL>

**K-DV STECK B RAENDEL**

Bidirectional flow control valves, air restriction at both ends (»B«), plug-in connector



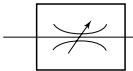
For regulation of a cylinder piston speed at both ends and control of flow rates. Designed as a banjo-type valve with a hollow bolt and ring piece for mounting directly.

On the version with a knurled screw, the set volumetric flow rate can be locked with the hexagon nut to obtain a fixed setting.

<b>Operating pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

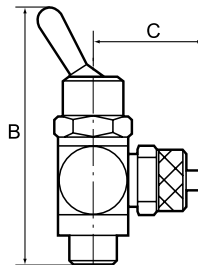
Identification	C mm	for hose	Thread	AF	B mm
K-07 15 04 83	18,6	4 mm	M 5	8 mm	38,9
K-07 15 04 87	20,6	4 mm	G 1/8	14 mm	42,0
K-07 15 04 88	22,7	6 mm	G 1/8	14 mm	42,0
K-07 15 04 89	23,7	8 mm	G 1/8	14 mm	42,0
K-07 15 04 85	24,2	6 mm	G 1/4	17 mm	51,0
K-07 15 04 86	24,7	8 mm	G 1/4	17 mm	51,0
K-07 15 04 84	26,8	10 mm	G 1/4	17 mm	51,0



**Web:** <http://cat.hansa-flex.com/en/KDVSTECKBRAENDEL>

**K-WKV 2/2 BEIDS SCHNVERSCHR**

2/2-way toggle valves, discharge port on both sides, quick-lock screw fitting



Manually operated toggle valves, 2/2 and 3/2-way types. For all applications where compressed air must be switched on or off quickly and easily or a cylinder operated manually. Designed as a banjo-type valve with a hollow bolt and ring piece. Suitable for screwing directly into the equipment or for panel mounting. Compact type of construction, also ideal where space is restricted.

<b>Operating pressure:</b>	max. 8 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Thread control panel:</b>	M 12 x 0.75 (sheet thickness max. 4 mm)
<b>Internal parts:</b>	Brass with a bare metal surface
<b>Sealant:</b>	NBR
<b>Hollow screw, pivot arm, lifting lever:</b>	Nickel-plated brass
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	Design	C mm	for hose	Thread	AF	B mm
K-07 15 07 10	2/2-way	16,0	G 1/8 IG	G 1/8	14 mm	55,0
K-07 15 07 11	2/2-way	25,0	5 mm / 3 mm	G 1/8	14 mm	55,0
K-07 15 07 12	2/2-way	25,0	6 mm / 4 mm	G 1/8	14 mm	55,0
K-07 15 07 13	2/2-way	25,0	8 mm / 6 mm	G 1/8	14 mm	55,0
K-07 15 07 06	2/2-way	22,0	G 1/4 IG	G 1/4	17 mm	60,0
K-07 15 07 08	2/2-way	26,5	6 mm / 4 mm	G 1/4	17 mm	60,0

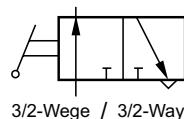
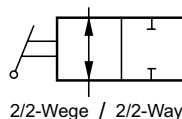


(Continued)

## K-WKV 2/2 BEIDS SCHNVERSCHR

2/2-way toggle valves, discharge port on both sides, quick-lock screw fitting

Identification	Design	C mm	for hose	Thread	AF	B mm
K-07 15 07 09	2/2-way	27,5	8 mm / 6 mm	G 1/4	17 mm	60,0
K-07 15 07 07	2/2-way	28,5	10 mm / 8 mm	G 1/4	17 mm	60,0



Web: <http://cat.hansa-flex.com/en/KWKV22BEIDSSCHNVERSCHR>

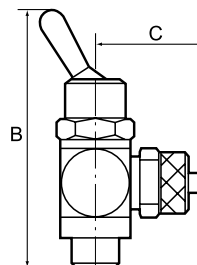
## K-WKV 2/2 BEIDS STECK

2/2-way toggle valves, discharge port on both sides, plug-in connector

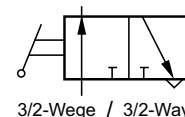
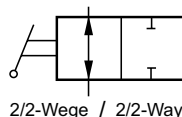
Manually operated toggle valves, 2/2 and 3/2-way types. For all applications where compressed air must be switched on or off quickly and easily or a cylinder operated manually. Designed as a banjo-type valve with a hollow bolt and ring piece. Suitable for screwing directly into the equipment or for panel mounting. Compact type of construction, also ideal where space is restricted.

- Operating pressure:** max. 8 bar  
**Temp. range:** 0 °C to +70 °C  
**Thread control panel:** M 12 x 0.75 (sheet thickness max. 4 mm)  
**Internal parts:** Brass with a bare metal surface  
**Sealant:** NBR  
**Hollow screw, pivot arm, lifting lever:** Nickel-plated brass  
**Seals (non-detachable):** Polyamide (glass fibre-reinforced)

**Note:** Further information on request



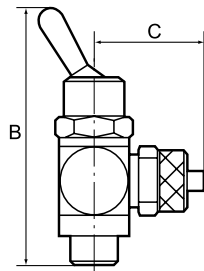
Identification	Design	C mm	for hose	Thread	AF	B mm
K-07 15 07 17	2/2-way	19,5	4 mm	G 1/8	14 mm	55,0
K-07 15 07 18	2/2-way	22,0	6 mm	G 1/8	14 mm	55,0
K-07 15 07 19	2/2-way	22,5	8 mm	G 1/8	14 mm	55,0
K-07 15 07 15	2/2-way	23,5	6 mm	G 1/4	17 mm	60,0
K-07 15 07 16	2/2-way	24,0	8 mm	G 1/4	17 mm	60,0
K-07 15 07 14	2/2-way	26,5	10 mm	G 1/4	17 mm	60,0



Web: <http://cat.hansa-flex.com/en/KWKV22BEIDSSTECK>

**K-WKV 3/2 SCHLS SCHNVERSCHR**

3/2-way toggle valves, discharge port on thread, quick-lock screw fitting

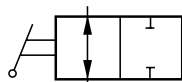


Manually operated toggle valves, 2/2 and 3/2-way types. For all applications where compressed air must be switched on or off quickly and easily or a cylinder operated manually. Designed as a banjo-type valve with a hollow bolt and ring piece. Suitable for screwing directly into the equipment or for panel mounting. Compact type of construction, also ideal where space is restricted.

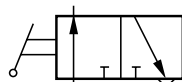
**Operating pressure:** max. 8 bar  
**Temp. range:** 0 °C to +70 °C  
**Thread control panel:** M 12 x 0.75 (sheet thickness max. 4 mm)  
**Internal parts:** Brass with a bare metal surface  
**Sealant:** NBR  
**Hollow screw, pivot arm, lifting lever:** Nickel-plated brass  
**Seals (non-detachable):** Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	Design	C mm	for hose	Thread	AF	B mm
K-07 15 07 24	3/2-way	16,0	G 1/8 IG	G 1/8	14 mm	55,0
K-07 15 07 25	3/2-way	25,0	5 mm / 3 mm	G 1/8	14 mm	55,0
K-07 15 07 26	3/2-way	25,0	6 mm / 4 mm	G 1/8	14 mm	55,0
K-07 15 07 27	3/2-way	25,0	8 mm / 6 mm	G 1/8	14 mm	55,0
K-07 15 07 20	3/2-way	22,0	G 1/4 IG	G 1/4	17 mm	60,0
K-07 15 07 22	3/2-way	26,5	6 mm / 4 mm	G 1/4	17 mm	60,0
K-07 15 07 23	3/2-way	27,5	8 mm / 6 mm	G 1/4	17 mm	60,0
K-07 15 07 21	3/2-way	28,5	10 mm / 8 mm	G 1/4	17 mm	60,0



2/2-Wege / 2/2-Way

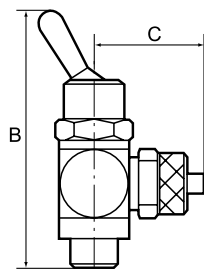


3/2-Wege / 3/2-Way

**Web:** <http://cat.hansa-flex.com/en/KWKV22SCHLSSCHNVERSCHR>

**K-WKV 3/2 SCHLS STECK**

3/2-way toggle valves, discharge port on thread, plug-in connector



Manually operated toggle valves, 2/2 and 3/2-way types. For all applications where compressed air must be switched on or off quickly and easily or a cylinder operated manually. Designed as a banjo-type valve with a hollow bolt and ring piece. Suitable for screwing directly into the equipment or for panel mounting. Compact type of construction, also ideal where space is restricted.

**Operating pressure:** max. 8 bar  
**Temp. range:** 0 °C to +70 °C  
**Thread control panel:** M 12 x 0.75 (sheet thickness max. 4 mm)  
**Internal parts:** Brass with a bare metal surface  
**Sealant:** NBR  
**Hollow screw, pivot arm, lifting lever:** Nickel-plated brass  
**Seals (non-detachable):** Polyamide (glass fibre-reinforced)

**Note:** Further information on request

Identification	Design	C mm	for hose	Thread	AF	B mm
K-07 15 07 31	3/2-way	19,5	4 mm	G 1/8	14 mm	55,0
K-07 15 07 32	3/2-way	22,0	6 mm	G 1/8	14 mm	55,0
K-07 15 07 33	3/2-way	22,5	8 mm	G 1/8	14 mm	55,0
K-07 15 07 29	3/2-way	23,5	6 mm	G 1/4	17 mm	60,0



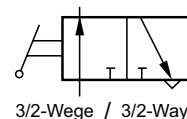
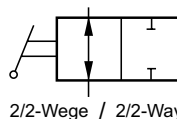


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**K-WKV 3/2 SCHLS STECK**

3/2-way toggle valves, discharge port on thread, plug-in connector

Identification	Design	C mm	for hose	Thread	AF	B mm
K- 07 15 07 30	3/2-way	24,0	8 mm	G 1/4	17 mm	60,0
K- 07 15 07 28	3/2-way	26,5	10 mm	G 1/4	17 mm	60,0



Web: <http://cat.hansa-flex.com/en/KWKV22SCHLSSTECK>

**K-ZUBEH KIPPHEBELVENTIL**

Accessories - Toggle valves



Identification	Designation
K- 07 40 34 53	Hexagonal lock nuts, M12x0,75, MS, SW17

Web: <http://cat.hansa-flex.com/en/KZUBEHKIPPHEBELVENTIL>

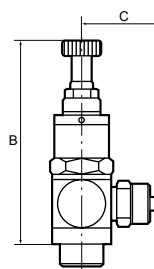
**K-KDR SCHNVERSCHR**

Mini pressure regulators, discharge port on thread, quick-lock screw fitting

Piston pressure regulator with self-relieving design, hollow bolt and pivoting ring piece. The regulator is screwed directly into the consumer (e.g. cylinder, handling equipment, etc.). The working pressure can thus be adapted to the specific application.

<b>Control range:</b>	0 - 8 bar
<b>Input pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

**Note:** Further information on request



Identification	C mm	for hose	Thread	AF	B mm
K- 07 25 08 33	16,0	G 1/8 IG	G 1/8	15 mm	56,0
K- 07 25 08 34	25,0	5 mm / 3 mm	G 1/8	15 mm	56,0
K- 07 25 08 35	25,0	6 mm / 4 mm	G 1/8	15 mm	56,0
K- 07 25 08 36	25,0	8 mm / 6 mm	G 1/8	15 mm	56,0
K- 07 25 08 31	26,5	6 mm / 4 mm	G 1/4	17 mm	63,0

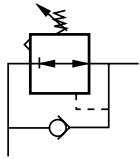


**K-KDR SCHNVERSCHR**

(Continued)

## Mini pressure regulators, discharge port on thread, quick-lock screw fitting

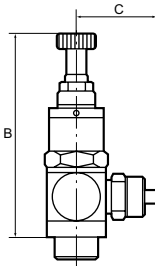
Identification	C mm	for hose	Thread	AF	B mm
K-07 25 08 32	27,5	8 mm / 6 mm	G 1/4	17 mm	63,0
K-07 25 08 30	28,5	10 mm / 8 mm	G 1/4	17 mm	63,0



Web: <http://cat.hansa-flex.com/en/KKDRSCHNVERSCHR>

**K-KDR STECK**

## Mini pressure regulators, discharge port on thread, plug-in connector

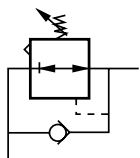


Piston pressure regulator with self-relieving design, hollow bolt and pivoting ring piece. The regulator is screwed directly into the consumer (e.g. cylinder, handling equipment, etc.). The working pressure can thus be adapted to the specific application.

<b>Control range:</b>	0 - 8 bar
<b>Input pressure:</b>	Max. 10 bar
<b>Temp. range:</b>	0 °C to +70 °C
<b>Hollow screw, pivot arm, regulating screw:</b>	Nickel-plated brass
<b>Internal parts:</b>	Brass with a bare metal surface
<b>lip seal O-ring:</b>	NBR
<b>Seals (non-detachable):</b>	Polyamide (glass fibre-reinforced)

Note: Further information on request

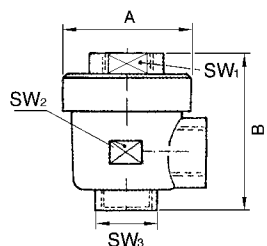
Identification	C mm	for hose	Thread	AF	B mm
K-07 25 08 40	19,5	4 mm	G 1/8	15 mm	56,0
K-07 25 08 41	22,0	6 mm	G 1/8	15 mm	56,0
K-07 25 08 42	22,5	8 mm	G 1/8	15 mm	56,0
K-07 25 08 38	23,5	6 mm	G 1/4	17 mm	63,0
K-07 25 08 39	24,0	8 mm	G 1/4	17 mm	63,0
K-07 25 08 37	26,5	10 mm	G 1/4	17 mm	63,0



Web: <http://cat.hansa-flex.com/en/KKDRSTECK>

**K-SCHNELLENTLUEFTUNG**

## Quick-exhaust valves



<b>min. working pressure:</b>	0,5 bar
<b>Operating pressure:</b>	max. 12 bar
<b>Operating temperature:</b>	Max. 80 °C
<b>Thread description:</b>	G thread acc. DIN EN ISO 228-1
<b>Housing:</b>	Nickel-plated brass
<b>Diaphragm:</b>	Polyurethane

Note: Further information on request

Identification	Thread	A mm	B mm	AF1 mm	AF2 mm	AF3 mm
K-07 30 25 18	G 1/8	28,0	42,0	14	14	14



(Continued)

## K-SCHNELLENTLUEFTUNG

## Quick-exhaust valves

Identification	Thread	A mm	B mm	AF1 mm	AF2 mm	AF3 mm
K-07 30 25 17	G 1/4	33,0	53,0	19	19	19
K-07 30 25 16	G 1/2	43,0	71,0	26	26	26

Web: <http://cat.hansa-flex.com/en/KSCHNELLENTLUEFTUNG>

## Spare parts:

K-ERSATZ DICHT - Replacement diaphragm, seal

## K-ERSATZ DICHT

## Replacement diaphragm, seal

Material: Polyurethane



Identification	Designation
K-07 40 40 69	for vent valve G 1/8
K-07 40 40 68	for vent valve G 1/4
K-07 40 40 67	for vent valve G 1/2

Web: <http://cat.hansa-flex.com/en/KERSATZDICHT>

## K-HS RD

## Unidirectional banjo valves, pneumatic release, port 2 with female thread

For stopping and positioning the cylinder movement: If a control signal is present at port 3 (see drawing), air can flow to and from the cylinder. If no control signal is present, the cylinder exhaust air is shut off by the unidirectional valve.

The cylinder is stopped. Releasable unidirectional valves are screwed directly onto the cylinder instead of the normal pipe connections.

**Working pressure:** 0.3 - 10 bar

**Pilot pressure:** 0.5 - 2.5 bar, depending on operating pressure

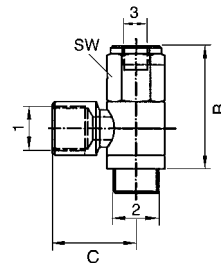
**Media temperature:** max. 60 °C

**Installation position:** Any. The ring piece must be positioned before the valve is tightened

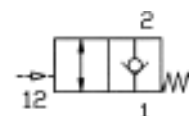
**Material:** Nickel-plated brass

**Sealant:** Perbunan

**Note:** Further information on request



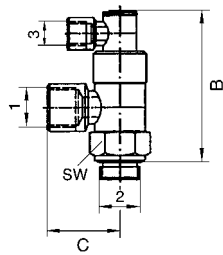
Identification	Port 1	Port 2	Connection 3	B mm	C mm
K-07 15 07 04	G 1/8	G 1/8	M 5	38,0	21,5
K-07 15 07 03	G 1/4	G 1/4	G 1/8	43,0	25,4
K-07 15 07 05	G 3/8	G 3/8	G 1/8	46,0	31,6
K-07 15 07 02	G 1/2	G 1/2	G 1/8	52,0	32,0



Web: <http://cat.hansa-flex.com/en/KHSRD>

**K-STOPPVENTILE IG**

## Stop valves, ports 2 and 3 with female thread



For high-speed positioning and stop functions as well as emergency switching (e.g. emergency stop). If a control signal is present at port 3, air can flow to and from the cylinder. If no control signal is present, the air flow to and from the cylinder is shut off, causing the cylinder to stop in the required position. Stop valves are screwed directly onto the cylinder instead of the normal pipe connections.

**Working pressure:** Max. 10 bar

**Pilot pressure:** 1 - 5 bar, depending on operating pressure

**Media temperature:** max. 70 °C

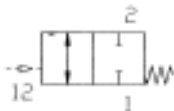
**Installation position:** Any. Ring pieces can still be rotated 360° after the valve has been tightened

**Material:** Nickel-plated brass

**Sealant:** Perbunan

**Note:** Further information on request

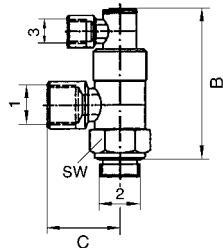
Identification	Port 1	Port 2	Connection 3	B mm	C mm
K-07 15 20 46	G 1/8	G 1/8	G 1/8	52,0	21,0
K-07 15 20 45	G 1/4	G 1/4	G 1/8	58,0	25,0
K-07 15 20 47	G 3/8	G 3/8	G 1/8	63,0	31,0
K-07 15 20 44	G 1/2	G 1/2	G 1/8	72,0	40,0



**Web:** <http://cat.hansa-flex.com/en/KSTOPPVENTILEIG>

**K-STOPPVENTILE STECK**

## Stop valves, ports 2 and 3 with plug connection



For high-speed positioning and stop functions as well as emergency switching (e.g. emergency stop). If a control signal is present at port 3, air can flow to and from the cylinder. If no control signal is present, the air flow to and from the cylinder is shut off, causing the cylinder to stop in the required position. Stop valves are screwed directly onto the cylinder instead of the normal pipe connections.

**Working pressure:** Max. 10 bar

**Pilot pressure:** 1 - 5 bar, depending on operating pressure

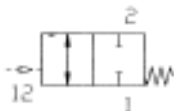
**Media temperature:** max. 70 °C

**Installation position:** Any. Ring pieces can still be rotated 360° after the valve has been tightened

**Sealant:** Perbunan

**Note:** Further information on request

Identification	Port 1	Port 2	Connection 3	Material	B mm	C mm
K-07 15 20 50	G 1/8	6 mm	4 mm	Nickel-plated brass	52,0	25,0
K-07 15 20 49	G 1/4	6 mm	4 mm	Nickel-plated brass	58,0	28,0
K-07 15 20 51	G 3/8	8 mm	4 mm	Nickel-plated brass	63,0	32,0
K-07 15 20 48	G 1/2	12 mm	4 mm	Nickel-plated brass	72,0	41,0



**Web:** <http://cat.hansa-flex.com/en/KSTOPPVENTILESTECK>





## Service units

<b>Service units »HANSA«</b>	
Service units	846
SAFETY service unit sets	848
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Oil-mist lubricators	876
pressure regulators	876
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Filters and Filter regulators	886
Oil-mist lubricators	892
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Valves	894
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Service units Two-part	897
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SAFETY service unit sets	903
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Filters and Filter regulators	907
Oil-mist lubricators	919
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Accessories	925

<b>Service units »variobloc«</b>	
Service units	934
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Filters and Filter regulators	939
Oil-mist lubricators	947
distributors, ball valves	949
valves	950
Accessories	951

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Filters and Filter regulators	960
Oil-mist lubricators	961

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Filters and Filter regulators	993
Oil-mist lubricators	995
distributors	996
valves	996
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<b>service equipment »G«</b>	
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pressure regulators	1005
Filters and Filter regulators	1006
Oil-mist lubricators	1011
distributors	1012
valves	1012
Accessories	1014

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Pressure regulators	1014
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Pressure regulators	1017
Filters	1019
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<b>Special pressure regulators</b>	
filter regulators	1021
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Cylinder pressure regulators	1027
Pressure regulators	1030
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Inline pressure regulators, self-relieving	1044
Air-air pressure multipliers (boosters)	1048
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Pre-filter	1051
Micro-filters	1052
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accessories, spare parts	1055

<b>Oil-water separators</b>	
Oil-water separators	1056
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Accessories	1058

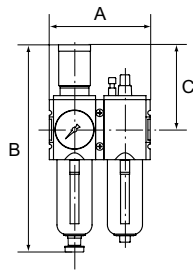
<b>Proportional valves</b>	
Proportional valves	1060

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Leakage finder and Accessories	1066

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Strainers	679
Filters	1067
Drip attachment	1069

**K-WTEH 2-TLG PC SCHU MANO HANSA**

Service units, 2-piece with polycarbonate bowl, bowl guard and pressure gauge



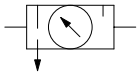
Two or three-piece service units with excellent flow rates in modern design. Lockable diaphragm pressure regulator with secondary ventilation, oil can be filled without interrupting operation.

<b>Input pressure:</b>	1.5 - 16 bar
<b>Output pressure:</b>	0.5 - 8 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Filter rating:</b>	5,00 µm
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock)
<b>Filter element:</b>	Cellpor (PE)
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Protective cage:</b>	Polyamide
<b>Dropper:</b>	PA
<b>Internal air consumption:</b>	Max. 1.5 l/min (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 14 77	G 1/4	1800	104,0	225.0 mm	95,5	Semi
K-07 25 14 78	G 3/8	1800	104,0	225.0 mm	95,5	Semi
K-07 25 14 79	G 3/8	3500	126,0	257.0 mm	110,0	Semi
K-07 25 14 80	G 1/2	3500	126,0	257.0 mm	110,0	Semi
K-07 25 14 81	G 3/4	12000	170,0	329.0 mm	137,0	Semi
K-07 25 14 82	G 1	12000	170,0	329.0 mm	137,0	Semi
K-07 25 14 83	G 1/4	1800	104,0	243.0 mm	95,5	Auto
K-07 25 14 84	G 3/8	1800	104,0	243.0 mm	95,5	Auto
K-07 25 14 85	G 3/8	3500	126,0	274.0 mm	110,0	Auto
K-07 25 14 86	G 1/2	3500	126,0	274.0 mm	110,0	Auto
K-07 25 14 87	G 3/4	12000	170,0	343.0 mm	137,0	Auto
K-07 25 14 88	G 1	12000	170,0	343.0 mm	137,0	Auto



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCSCHUMANOHANSA>

**Spare parts:**

**K-HALTERBAUSATZ HANSA** - Holder HANSA

**K-ERSATZBEHAELTER HANSA POLY** - Spare tank HANSA polycarbonat

**K-FILTERELEMENT** - Filter element

**K-TROPFAUFSATZ HANSA** - Drip attachment HANSA

**K-SCHALTAFELMUTTER HANSA** - Nut HANSA

**Accessories:**

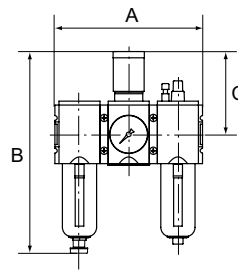
**K-STECKSCHLOSS** - Key lock



**K-WTEH 3-TLG PC SCH MANO HANSA****Service units, 3-piece with polycarbonate bowl, bowl guard and pressure gauge**

Two or three-piece service units with excellent flow rates in modern design. Lockable diaphragm pressure regulator with secondary ventilation, oil can be filled without interrupting operation.

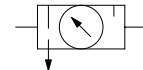
<b>Input pressure:</b>	1.5 - 16 bar
<b>Output pressure:</b>	0.5 - 8 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Filter rating:</b>	5,00 µm
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock)
<b>Filter element:</b>	Cellpor (PE)
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Protective cage:</b>	Polyamide
<b>Dropper:</b>	PA
<b>Internal air consumption:</b>	Max. 1.5 l/min (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop $\Delta p$ = 1 bar



**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 14 37	G 1/4	1500	156,0	225.0 mm	95,5	Semi
K-07 25 14 38	G 3/8	1500	156,0	225.0 mm	95,5	Semi
K-07 25 14 39	G 3/8	3500	189,0	257.0 mm	110,0	Semi
K-07 25 14 40	G 1/2	3500	189,0	257.0 mm	110,0	Semi
K-07 25 14 41	G 3/4	12000	255,0	329.0 mm	137,0	Semi
K-07 25 14 42	G 1	12000	255,0	329.0 mm	137,0	Semi
K-07 25 14 43	G 1/4	1500	156,0	243.0 mm	95,5	Auto
K-07 25 14 44	G 3/8	1500	156,0	243.0 mm	95,5	Auto
K-07 25 14 45	G 3/8	3500	189,0	274.0 mm	110,0	Auto
K-07 25 14 46	G 1/2	3500	189,0	274.0 mm	110,0	Auto
K-07 25 14 47	G 3/4	12000	255,0	343.0 mm	137,0	Auto
K-07 25 14 48	G 1	12000	255,0	343.0 mm	137,0	Auto



**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCSCHMANOHANSA>

**Spare parts:**

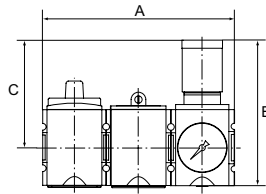
- K-HALTERBAUSATZ HANSA - Holder HANSA
- K-ERSATZBEHAELTER HANSA POLY - Spare tank HANSA polycarbonat
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ HANSA - Drip attachment HANSA
- K-SCHALTAFELMUTTER HANSA - Nut HANSA
- K-DICHTSATZ HANSA - Set of seals HANSA

**Accessories:**

- K-STECKSCHLOSS - Key lock

**K-WTST SAFETY BK SCHA AN DR HANSA**

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and pressure regulator



These compressed air service unit sets, comprising a ball valve with silencer, a start-up valve and one out of a pressure regulator, filter regulator or service unit, meet even the strictest requirements for operating reliability and accident prevention!

<b>Input pressure:</b>	2.5 - 16 bar
<b>Output pressure:</b>	0.5 - 8 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock) and bowl guard
<b>Filter element:</b>	Cellpor (PE) 5 µm
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Internal air consumption:</b>	Max. 1.5 l/min (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop Δp = 1 bar
<b>connection venting ball valve:</b>	Silencer

**Note:** Further information on request

**Ordering information:** The price does not include a key lock and padlock. Please order separately. For accessories and spare parts, refer to individual components: ball valve, start-up valve, pressure regulator, filter regulator, 2-piece service unit

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 15 20	G 1/4	2.5 - 8 bar	2000	156,0	128.5 mm	95,5
K-07 25 15 21	G 3/8	2.5 - 8 bar	2000	156,0	128.5 mm	95,5
K-07 25 15 22	G 3/8	2.5 - 8 bar	4300	189,0	149.5 mm	110,0
K-07 25 15 23	G 1/2	2.5 - 8 bar	4300	189,0	149.5 mm	110,0
K-07 25 15 24	G 3/4	2.5 - 8 bar	10000	255,0	191.0 mm	137,0
K-07 25 15 25	G 1	2.5 - 8 bar	10000	255,0	191.0 mm	137,0

**Web:** <http://cat.hansa-flex.com/en/KWTSTSAFETYBKSCCHAANDRHANSA>

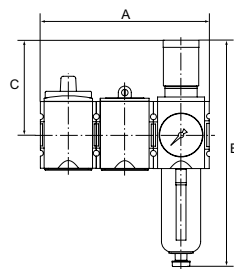
**Accessories:**

**K-STECKSCHLOSS** - Key lock

**K-VORHAENGESCHLOSS** - Padlock

**K-WTST SAFETY BK SCHA AN FILR HANSA**

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and filter regulator



These compressed air service unit sets, comprising a ball valve with silencer, a start-up valve and one out of a pressure regulator, filter regulator or service unit, meet even the strictest requirements for operating reliability and accident prevention!

<b>Input pressure:</b>	2.5 - 16 bar
<b>Output pressure:</b>	0.5 - 8 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock) and bowl guard
<b>Filter element:</b>	Cellpor (PE) 5 µm
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Internal air consumption:</b>	Max. 1.5 l/min (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop Δp = 1 bar
<b>connection venting ball valve:</b>	Silencer

**Note:** Further information on request

**Ordering information:** The price does not include a key lock and padlock. Please order separately. For accessories and spare parts, refer to individual components: ball valve, start-up valve, pressure regulator, filter regulator, 2-piece service unit

Identification	Thread	Flow rate L/min	A mm	B mm	C mm	condensate outlet
K-07 25 15 26	G 1/4	2000	156,0	225.0 mm	95,5	Semi



(Continued)

## K-WTST SAFETY BK SCHA AN FILR HANSA

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and filter regulator

Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 15 27	G 3/8	2000	156,0	225.0 mm	95,5	Semi
K-07 25 15 28	G 3/8	4300	189,0	257.0 mm	110,0	Semi
K-07 25 15 29	G 1/2	4300	189,0	257.0 mm	110,0	Semi
K-07 25 15 30	G 3/4	10000	255,0	329.0 mm	137,0	Semi
K-07 25 15 31	G 1	10000	255,0	329.0 mm	137,0	Semi
K-07 25 15 32	G 1/4	2000	156,0	243.0 mm	95,5	Auto
K-07 25 15 33	G 3/8	2000	156,0	243.0 mm	95,5	Auto
K-07 25 15 34	G 3/8	4300	189,0	274.0 mm	110,0	Auto
K-07 25 15 35	G 1/2	4300	189,0	274.0 mm	110,0	Auto
K-07 25 15 36	G 3/4	10000	255,0	343.0 mm	137,0	Auto
K-07 25 15 37	G 1	10000	255,0	343.0 mm	137,0	Auto

Web: <http://cat.hansa-flex.com/en/KWTSTSAFETYBKSCHAANFILRHANSA>

## Accessories:

K-STECKSCHLOSS - Key lock

K-VORHAENGESCHLOSS - Padlock

## K-WTST SAFETY BK SCHA AN HANSA

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and 2-piece service unit

These compressed air service unit sets, comprising a ball valve with silencer, a start-up valve and one out of a pressure regulator, filter regulator or service unit, meet even the strictest requirements for operating reliability and accident prevention!

<b>Input pressure:</b>	2.5 - 16 bar
<b>Output pressure:</b>	0.5 - 8 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock) and bowl guard
<b>Filter element:</b>	Cellpor (PE) 5 µm
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Internal air consumption:</b>	Max. 1.5 l/min (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop $\Delta p = 1$ bar

connection venting ball valve: Silencer

Note: Further information on request

**Ordering information:** The price does not include a key lock and padlock. Please order separately. For accessories and spare parts, refer to individual components: ball valve, start-up valve, pressure regulator, filter regulator, 2-piece service unit

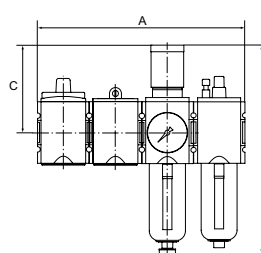
Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 15 38	G 1/4	1750	208,0	225.0 mm	95,5	Semi
K-07 25 15 39	G 3/8	1750	208,0	225.0 mm	95,5	Semi
K-07 25 15 40	G 3/8	3500	252,0	257.0 mm	110,0	Semi
K-07 25 15 41	G 1/2	3500	252,0	257.0 mm	110,0	Semi
K-07 25 15 42	G 3/4	10000	340,0	329.0 mm	137,0	Semi
K-07 25 15 43	G 1	10000	340,0	329.0 mm	137,0	Semi
K-07 25 15 44	G 1/4	1750	208,0	243.0 mm	95,5	Auto
K-07 25 15 45	G 3/8	1750	208,0	243.0 mm	95,5	Auto
K-07 25 15 46	G 3/8	3500	252,0	274.0 mm	110,0	Auto
K-07 25 15 47	G 1/2	3500	252,0	274.0 mm	110,0	Auto
K-07 25 15 48	G 3/4	10000	340,0	343.0 mm	137,0	Auto
K-07 25 15 49	G 1	10000	340,0	343.0 mm	137,0	Auto

Web: <http://cat.hansa-flex.com/en/KWTSTSAFETYBKSCHAANHANSA>

## Accessories:

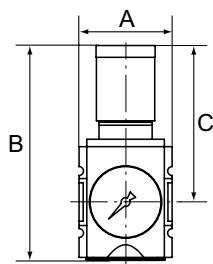
K-STECKSCHLOSS - Key lock

K-VORHAENGESCHLOSS - Padlock



**K-DRG MANO HANSA**

## Pressure regulators



Diaphragm pressure regulators, self-relieving and with excellent flow rates in modern design.

The regulator knob can be latched and locked.

<b>Input pressure:</b>	Max. 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Internal air consumption:</b>	Max. 1.5 l/min (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	Size
K-07 25 02 15	G 1/4	0.1 - 1 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 02 16	G 1/4	0.1 - 2 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 02 17	G 1/4	0.2 - 4 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 02 18	G 1/4	0.5 - 8 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 02 19	G 1/4	0.5 - 10 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 02 20	G 1/4	0.5 - 16 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 02 21	G 3/8	0.1 - 1 bar	2600	52,0	128.5 mm	95,5	1
K-07 25 02 22	G 3/8	0.1 - 2 bar	2600	52,0	128.5 mm	95,5	1
K-07 25 02 23	G 3/8	0.2 - 4 bar	2600	52,0	128.5 mm	95,5	1
K-07 25 02 24	G 3/8	0.5 - 8 bar	2600	52,0	128.5 mm	95,5	1
K-07 25 02 25	G 3/8	0.5 - 10 bar	2600	52,0	128.5 mm	95,5	1
K-07 25 02 32	G 3/8	0.5 - 16 bar	2600	52,0	128.5 mm	95,5	2
K-07 25 02 33	G 3/8	0.1 - 1 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 02 34	G 3/8	0.1 - 2 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 02 35	G 3/8	0.2 - 4 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 02 36	G 3/8	0.5 - 8 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 02 37	G 3/8	0.5 - 10 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 02 38	G 3/8	0.5 - 16 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 02 39	G 1/2	0.1 - 1 bar	5100	63,0	149.5 mm	110,0	2
K-07 25 02 40	G 1/2	0.1 - 2 bar	5100	63,0	149.5 mm	110,0	2
K-07 25 02 41	G 1/2	0.2 - 4 bar	5100	63,0	149.5 mm	110,0	2
K-07 25 02 42	G 1/2	0.5 - 8 bar	5100	63,0	149.5 mm	110,0	2
K-07 25 02 43	G 1/2	0.5 - 10 bar	5100	63,0	149.5 mm	110,0	2
K-07 25 02 47	G 1/2	0.5 - 16 bar	5100	63,0	149.5 mm	110,0	2
K-07 25 02 44	G 3/4	0.1 - 1 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 45	G 3/4	0.1 - 2 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 46	G 3/4	0.2 - 4 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 48	G 3/4	0.5 - 8 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 49	G 3/4	0.5 - 10 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 50	G 3/4	0.5 - 16 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 26	G 1	0.1 - 1 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 27	G 1	0.1 - 2 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 28	G 1	0.2 - 4 bar	14000	85,0	191.0 mm	137,0	4
K-07 25 02 29	G 1	0.5 - 8 bar	14000	85,0	191.0 mm	137,0	4

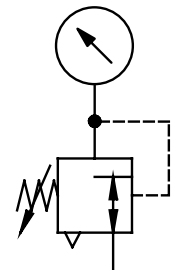


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## K-DRG MANO HANSA

## Pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	Size
K- 07 25 02 30	G 1	0.5 - 10 bar	14000	85,0	191.0 mm	137,0	4
K- 07 25 02 31	G 1	0.5 - 16 bar	14000	85,0	191.0 mm	137,0	4



Web: <http://cat.hansa-flex.com/en/KDRGMANOHANSA>

## Spare parts:

K-HALTERBAUSATZ HANSA - Holder HANSA  
K-SCHALTAFELMUTTER HANSA - Nut HANSA  
K-DICHTSATZ HANSA - Set of seals HANSA

## Accessories:

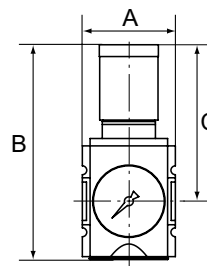
K-STECKSCHLOSS - Key lock

## K-DRG DRVS HANSA

## Pressure regulators with continuous pressure supply

Diaphragm pressure regulators with self-relieving design and excellent flow rates in modern design for mounting side by side. By assembling two or more controllers together, it is possible to supply several working air circuits with different output pressures via a single supply line. The regulator button can be latched and locked.

**Input pressure:** Max. 16 bar  
**Temp. range:** -10 °C to +50 °C  
**Media:** Compressed air  
**Connection thread:** Material: Die-cast zinc  
**Housing:** Material: Grivory® (PA 66)  
**Diaphragm:** NBR  
**Internal air consumption:** only G3/4, G1 Max. 1.5 l/min (depending on secondary pressure)  
**Flow rate measurement:** At P1 = 10 bar, P2 = 6.3 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	Size
K- 07 25 02 51	G 1/4	0.1 - 1 bar	2200	52,0	128.5 mm	95,5	1
K- 07 25 02 52	G 1/4	0.1 - 2 bar	2200	52,0	128.5 mm	95,5	1
K- 07 25 02 53	G 1/4	0.2 - 4 bar	2200	52,0	128.5 mm	95,5	1
K- 07 25 02 54	G 1/4	0.5 - 8 bar	2200	52,0	128.5 mm	95,5	1
K- 07 25 02 55	G 1/4	0.5 - 10 bar	2200	52,0	128.5 mm	95,5	1
K- 07 25 02 56	G 1/4	0.5 - 16 bar	2200	52,0	128.5 mm	95,5	1
K- 07 25 02 69	G 3/8	0.1 - 1 bar	2600	52,0	128.5 mm	95,5	1
K- 07 25 02 70	G 3/8	0.1 - 2 bar	2600	52,0	128.5 mm	95,5	1
K- 07 25 02 71	G 3/8	0.2 - 4 bar	2600	52,0	128.5 mm	95,5	1
K- 07 25 02 72	G 3/8	0.5 - 8 bar	2600	52,0	128.5 mm	95,5	1
K- 07 25 02 73	G 3/8	0.5 - 10 bar	2600	52,0	128.5 mm	95,5	1
K- 07 25 02 74	G 3/8	0.5 - 16 bar	2600	52,0	128.5 mm	95,5	1
K- 07 25 02 57	G 3/8	0.1 - 1 bar	4300	63,0	149.5 mm	110,0	2
K- 07 25 02 58	G 3/8	0.1 - 2 bar	4300	63,0	149.5 mm	110,0	2
K- 07 25 02 59	G 3/8	0.2 - 4 bar	4300	63,0	149.5 mm	110,0	2
K- 07 25 02 60	G 3/8	0.5 - 8 bar	4300	63,0	149.5 mm	110,0	2
K- 07 25 02 61	G 3/8	0.5 - 10 bar	4300	63,0	149.5 mm	110,0	2
K- 07 25 02 62	G 3/8	0.5 - 16 bar	4300	63,0	149.5 mm	110,0	2
K- 07 25 02 63	G 1/2	0.1 - 1 bar	5000	63,0	149.5 mm	110,0	2
K- 07 25 02 64	G 1/2	0.1 - 2 bar	5000	63,0	149.5 mm	110,0	2

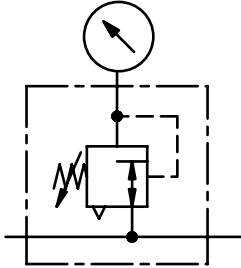


**K-DRG DRVS HANSA**

(Continued)

## Pressure regulators with continuous pressure supply

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	Size
K-07 25 02 65	G 1/2	0.2 - 4 bar	5000	63,0	149.5 mm	110,0	2
K-07 25 02 66	G 1/2	0.5 - 8 bar	5000	63,0	149.5 mm	110,0	2
K-07 25 02 67	G 1/2	0.5 - 10 bar	5000	63,0	149.5 mm	110,0	2
K-07 25 02 68	G 1/2	0.5 - 16 bar	5000	63,0	149.5 mm	110,0	2



Web: <http://cat.hansa-flex.com/en/KDRGDRVSHANSA>

**Spare parts:**

K-HALTERBAUSATZ HANSA - Holder HANSA

K-SCHALTAFELMUTTER HANSA - Nut HANSA

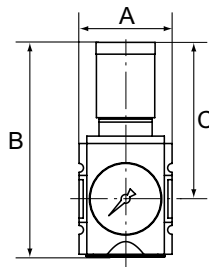
K-DICHTSATZ HANSA - Set of seals HANSA

**Accessories:**

K-STECKSCHLOSS - Key lock

**K-PRAEZI DRG MANO HANSA**

## Precision pressure regulators



Precision diaphragm pressure regulators with self-relieving design and excellent flow rates in modern design for applications requiring an extremely accurate working pressure. The regulator button can be latched and locked.

<b>Input pressure:</b>	Max. 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Diaphragm:</b>	NBR
<b>Internal air consumption:</b>	2.6 l/min at P2 = 6 bar (depending on secondary pressure)
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6.3 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	Size
K-07 25 09 46	G 1/4	0.1 - 1 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 09 47	G 1/4	0.1 - 2 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 09 48	G 1/4	0.2 - 4 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 09 49	G 1/4	0.5 - 8 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 09 50	G 1/4	0.5 - 10 bar	2200	52,0	128.5 mm	95,5	1
K-07 25 09 51	G 3/8	0.1 - 1 bar	2700	52,0	128.5 mm	95,5	1
K-07 25 09 52	G 3/8	0.1 - 2 bar	2700	52,0	128.5 mm	95,5	1
K-07 25 09 53	G 3/8	0.2 - 4 bar	2700	52,0	128.5 mm	95,5	1
K-07 25 09 54	G 3/8	0.5 - 8 bar	2700	52,0	128.5 mm	95,5	1
K-07 25 09 55	G 3/8	0.5 - 10 bar	2700	52,0	128.5 mm	95,5	1
K-07 25 09 56	G 3/8	0.1 - 1 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 09 57	G 3/8	0.1 - 2 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 09 58	G 3/8	0.2 - 4 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 09 59	G 3/8	0.5 - 8 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 09 60	G 3/8	0.5 - 10 bar	4300	63,0	149.5 mm	110,0	2
K-07 25 09 61	G 1/2	0.1 - 1 bar	5000	63,0	149.5 mm	110,0	2
K-07 25 09 62	G 1/2	0.1 - 2 bar	5000	63,0	149.5 mm	110,0	2
K-07 25 09 63	G 1/2	0.2 - 4 bar	5000	63,0	149.5 mm	110,0	2

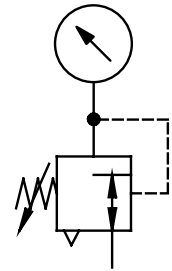


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## K-PRAEZI DRG MANO HANSA

## Precision pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	Size
K- 07 25 09 64	G 1/2	0.5 - 8 bar	5000	63,0	149.5 mm	110,0	2
K- 07 25 09 65	G 1/2	0.5 - 10 bar	5000	63,0	149.5 mm	110,0	2



Web: <http://cat.hansa-flex.com/en/KPRAEZIDRGMANOHANSA>

**Spare parts:**

K-HALTERBAUSATZ HANSA - Holder HANSA  
 K-SCHALTAFELMUTTER HANSA - Nut HANSA  
 K-DICHTSATZ HANSA - Set of seals HANSA

**Accessories:**

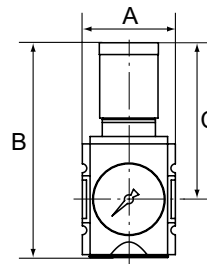
K-STECKSCHLOSS - Key lock

## K-PRAEZI DRG DRUCKVER HANSA

## Precision pressure regulators with continuous pressure supply

Precision diaphragm pressure regulators with self-relieving design and excellent flow rates in modern design for mounting side by side. By assembling two or more controllers together, it is possible to supply several working air circuits with different pressures via a single supply line.

**Input pressure:** Max. 16 bar  
**Temp. range:** -10 °C to +50 °C  
**Media:** Compressed air  
**Connection thread:** Material: Die-cast zinc  
**Housing:** Material: Grivory® (PA 66)  
**Diaphragm:** NBR  
**Internal air consumption:** 2.6 l/min at P2 = 6 bar (depending on secondary pressure)  
**Flow rate measurement:** At P1 = 10 bar, P2 = 6.3 bar and pressure drop  $\Delta p$  = 1 bar



**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K- 07 25 09 66	G 1/4	0.1 - 1 bar	2200	52,0	128.5 mm	95,5
K- 07 25 09 67	G 1/4	0.1 - 2 bar	2200	52,0	128.5 mm	95,5
K- 07 25 09 68	G 1/4	0.2 - 4 bar	2200	52,0	128.5 mm	95,5
K- 07 25 09 69	G 1/4	0.5 - 8 bar	2200	52,0	128.5 mm	95,5
K- 07 25 09 70	G 1/4	0.5 - 10 bar	2200	52,0	128.5 mm	95,5
K- 07 25 09 71	G 3/8	0.1 - 1 bar	2700	52,0	128.5 mm	95,5
K- 07 25 09 72	G 3/8	0.1 - 2 bar	2700	52,0	128.5 mm	95,5
K- 07 25 09 73	G 3/8	0.2 - 4 bar	2700	52,0	128.5 mm	95,5
K- 07 25 09 74	G 3/8	0.5 - 8 bar	2700	52,0	128.5 mm	95,5
K- 07 25 09 75	G 3/8	0.5 - 10 bar	2700	52,0	128.5 mm	95,5
K- 07 25 09 76	G 3/8	0.1 - 1 bar	4300	63,0	149.5 mm	110,0
K- 07 25 09 77	G 3/8	0.1 - 2 bar	4300	63,0	149.5 mm	110,0
K- 07 25 09 78	G 3/8	0.2 - 4 bar	4300	63,0	149.5 mm	110,0
K- 07 25 09 79	G 3/8	0.5 - 8 bar	4300	63,0	149.5 mm	110,0
K- 07 25 09 80	G 3/8	0.5 - 10 bar	4300	63,0	149.5 mm	110,0
K- 07 25 09 81	G 1/2	0.1 - 1 bar	5000	63,0	149.5 mm	110,0
K- 07 25 09 82	G 1/2	0.1 - 2 bar	5000	63,0	149.5 mm	110,0
K- 07 25 09 83	G 1/2	0.2 - 4 bar	5000	63,0	149.5 mm	110,0

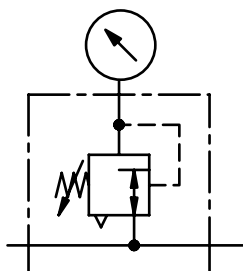


**K-PRAEZI DRG DRUCKVER HANSA**

(Continued)

## Precision pressure regulators with continuous pressure supply

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 09 84	G 1/2	0.5 - 8 bar	5000	63,0	149.5 mm	110,0
K-07 25 09 85	G 1/2	0.5 - 10 bar	5000	63,0	149.5 mm	110,0



Web: <http://cat.hansa-flex.com/en/KPRAEZIDRGDRUCKVERHANSA>

**Spare parts:**

K-HALTERBAUSATZ HANSA - Holder HANSA

K-SCHALTAFELMUTTER HANSA - Nut HANSA

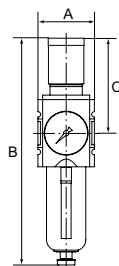
K-DICHTSATZ HANSA - Set of seals HANSA

**Accessories:**

K-STECKSCHLOSS - Key lock

**K-FI REGL PC-BEHAEL S MANO HANSA**

## Filter regulators



Filter regulators with excellent flow rates in modern design. The regulator knob can be latched and locked.

**Input pressure:** 1.5 - 16 bar

**Output pressure:** 0.5 - 8 bar

**Temp. range:** -10 °C to +50 °C

**Media:** Compressed air

**Filter rating:** 5,00 µm

**Connection thread:** Material: Die-cast zinc

**Container:** Polycarbonate (with bayonet lock)

**Filter element:** Cellpor (PE)

**Housing:** Material: Grivory® (PA 66)

**Diaphragm:** NBR

**Internal air consumption:** Max. 1.5 l/min (depending on secondary pressure)

**Flow rate measurement:** At P1 = 10 bar, P2 = 6.3 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** The price does not include a key lock. Please order separately.

Identification	Thread	Flow rate L/min	A mm	B	C mm	Size	condensate outlet
K-07 25 06 57	G 1/4	2200	52,0	225.0 mm	95,5	-	Semi
K-07 25 06 58	G 3/8	2600	52,0	225.0 mm	95,5	-	Semi
K-07 25 06 59	G 3/8	4300	63,0	257.0 mm	110,0	-	Semi
K-07 25 06 60	G 1/2	5200	63,0	257.0 mm	110,0	-	Semi
K-07 25 06 53	G 3/4	14000	85,0	329.0 mm	137,0	-	Semi
K-07 25 06 54	G 1	14000	85,0	329.0 mm	137,0	-	Semi
K-07 25 06 61	G 1/4	2200	52,0	243.0 mm	95,5	-	Auto
K-07 25 06 62	G 3/8	2600	52,0	243.0 mm	95,5	-	Auto
K-07 25 06 63	G 3/8	4300	63,0	274.0 mm	110,0	-	Auto
K-07 25 06 64	G 1/2	5200	63,0	274.0 mm	110,0	-	Auto



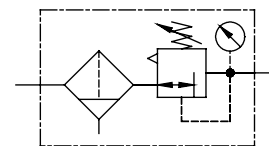


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## K-FI REGL PC-BEHAEL S MANO HANSA

## Filter regulators

Identification	Thread	Flow rate L/min	A mm	B	C mm	Size	condensate outlet
K-07 25 06 55	G 3/4	14000	85,0	343.0 mm	137,0	4	Auto
K-07 25 06 56	G 1	14000	85,0	343.0 mm	137,0	4	Auto



Web: <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELSMANOHANSA>

## Spare parts:

K-HALTERBAUSATZ HANSA - Holder HANSA

K-ERSATZBEHAELTER HANSA POLY - Spare tank HANSA polycarbonat

K-SCHALTTAFELMUTTER HANSA - Nut HANSA

K-FILTERELEMENT - Filter element

K-DICHTSATZ HANSA - Set of seals HANSA

## Accessories:

K-STECKSCHLOSS - Key lock

## K-MIKROFI FEINFILTER HANSA

## Micro-filters (fine filters)

Micro-filters in modern design for compliance with strict compressed air purity requirements. Micro-filters are used to separate solid oil, water and solid impurities as small as 0.01 µm from compressed air and gases.

**Input pressure:** 1.5 - 16 bar

**Temp. range:** -10 °C to +50 °C

**Media:** Compressed air

**Filter rating:** 0,01 µm

**Connection thread:** Material: Die-cast zinc

**Container:** Polycarbonate (with bayonet lock)

**Filter element:** Borosilicate glass fibre

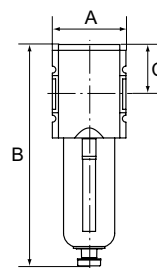
**Housing:** Material: Grivory® (PA 66)

**Protective cage:** Polyamide

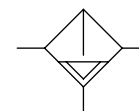
**Dust separation:** Class 1 acc. to DIN ISO 8753-1

**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 0.5$  bar

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 10 33	G 1/4	350	52,0	169.5 mm	39,5	Semi
K-07 25 10 34	G 3/8	350	52,0	169.5 mm	39,5	Semi
K-07 25 10 35	G 3/8	450	63,0	195.0 mm	47,8	Semi
K-07 25 10 36	G 1/2	450	63,0	195.0 mm	47,8	Semi
K-07 25 10 19	G 3/4	1500	85,0	255.0 mm	63,0	Semi
K-07 25 10 20	G 1	1500	85,0	255.0 mm	63,0	Semi
K-07 25 10 37	G 1/4	350	52,0	186.5 mm	39,5	Auto
K-07 25 10 38	G 3/8	350	52,0	186.5 mm	39,5	Auto
K-07 25 10 39	G 3/8	450	63,0	210.5 mm	47,8	Auto
K-07 25 10 40	G 1/2	450	63,0	210.5 mm	47,8	Auto
K-07 25 10 21	G 3/4	1500	85,0	269.0 mm	63,0	Auto
K-07 25 10 22	G 1	1500	85,0	269.0 mm	63,0	Auto



Web: <http://cat.hansa-flex.com/en/KMIKROFIFEINFILTERHANSA>

## Spare parts:

K-HALTERBAUSATZ HANSA - Holder HANSA

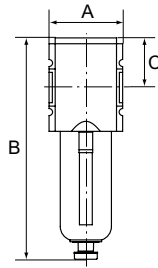
K-ERSATZBEHAELTER HANSA POLY - Spare tank HANSA polycarbonat

K-DIFFERENZDRUCKANZEI MONO - Differential pressure and differential pressure gauge

K-DIFFERENZDRUCKMANOMETER - Differential pressure gauge

## K-VORFIL PC-BEHLTER SCHUTZK HANSA

### Pre-filters

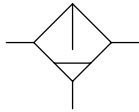


Pre-filters in modern design for compliance with strict compressed air purity requirements. Pre-filters are used to separate solid impurities up to 0.3 µm from compressed air and gases.

<b>Input pressure:</b>	1.5 - 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Filter rating:</b>	0,30 µm
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock)
<b>Filter element:</b>	Impregnated paper
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Protective cage:</b>	Polyamide
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 0.5$ bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 10 25	G 1/4	500	52,0	169.5 mm	39,5	Semi
K-07 25 10 26	G 3/8	500	52,0	169.5 mm	39,5	Semi
K-07 25 10 27	G 3/8	750	63,0	195.0 mm	47,8	Semi
K-07 25 10 28	G 1/2	750	63,0	195.0 mm	47,8	Semi
K-07 25 10 15	G 3/4	2000	85,0	255.0 mm	63,0	Semi
K-07 25 10 16	G 1	2000	85,0	255.0 mm	63,0	Semi
K-07 25 10 29	G 1/4	500	52,0	186.5 mm	39,5	Auto
K-07 25 10 30	G 3/8	500	52,0	186.5 mm	39,5	Auto
K-07 25 10 31	G 3/8	750	63,0	210.5 mm	47,8	Auto
K-07 25 10 32	G 1/2	750	63,0	210.5 mm	47,8	Auto
K-07 25 10 17	G 3/4	2000	85,0	269.0 mm	63,0	Auto
K-07 25 10 18	G 1	2000	85,0	269.0 mm	63,0	Auto



**Web:** <http://cat.hansa-flex.com/en/KVORFILPCBEHLTERSCHUTZKHANSA>

#### Spare parts:

K-HALTERBAUSATZ HANSA - Holder HANSA

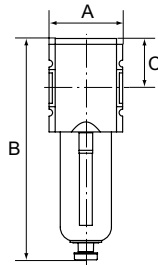
K-ERSATZBEHAELTER HANSA POLY - Spare tank HANSA polycarbonat

K-DIFFERENZDRUCKANZEI MONO - Differential pressure and differential pressure gauge

K-DIFFERENZDRUCKMANOMETER - Differential pressure gauge

## K-FI AK KOH PC-BEHAE SCHUTZK HANSA

### Activated carbon filters



Activated carbon filters in modern design for compliance with strict compressed air purity requirements. Activated carbon filters are used to absorb oil vapour up to a residual oil content of 0.005 mg/m<sup>3</sup> from compressed air and gases.

<b>Input pressure:</b>	0 - 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock)
<b>Filter element:</b>	Activated carbon
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Protective cage:</b>	Polyamide
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup> , class 0 acc. to DIN ISO 8573-1
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 0.5$ bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 10 41	G 1/4	500	52,0	157.0 mm	34,0
K-07 25 10 42	G 3/8	500	52,0	157.0 mm	34,0
K-07 25 10 43	G 3/8	1600	63,0	183.0 mm	42,5

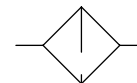


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## K-FI AK KOH PC-BEHAE SCHUTZK HANSA

## Activated carbon filters

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 10 44	G 1/2	1600	63,0	183.0 mm	42,5
K-07 25 10 23	G 3/4	3000	85,0	240.5 mm	58,0
K-07 25 10 24	G 1	3000	85,0	240.5 mm	58,0



**Web:** <http://cat.hansa-flex.com/en/KFIKKOHPCEBEHAESCHUTZKHANSA>

**Spare parts:**

K-HALTERBAUSATZ HANSA - Holder HANSA

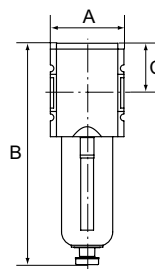
K-ERSATZBEHAELTER HANSA POLY - Spare tank HANSA polycarbonat

## K-FI PC-BEHAELTER SCHUTZK HANSA

## Filters

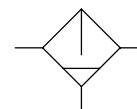
Filters with excellent flow rates in modern design.

<b>Input pressure:</b>	1.5 - 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Filter rating:</b>	5,00 µm
<b>Sealant:</b>	NBR
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock)
<b>Filter element:</b>	Cellpor (PE)
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Protective cage:</b>	Polyamide
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	Size	condensate outlet
K-07 25 05 64	G 1/4	2000	52,0	164.0 mm	34,0	1	Semi
K-07 25 05 65	G 3/8	2000	52,0	164.0 mm	34,0	1	Semi
K-07 25 05 66	G 3/8	3500	63,0	189.5 mm	42,5	2	Semi
K-07 25 05 67	G 1/2	3500	63,0	189.5 mm	42,5	2	Semi
K-07 25 05 60	G 3/4	9000	85,0	250.0 mm	58,0	4	Semi
K-07 25 05 61	G 1	9000	85,0	250.0 mm	58,0	4	Semi
K-07 25 05 68	G 1/4	2000	52,0	181.0 mm	34,0	1	Auto
K-07 25 05 69	G 3/8	2000	52,0	181.0 mm	34,0	1	Auto
K-07 25 05 70	G 3/8	3500	63,0	206.0 mm	42,5	2	Auto
K-07 25 05 71	G 1/2	3500	63,0	206.0 mm	42,5	2	Auto
K-07 25 05 62	G 3/4	9000	85,0	264.0 mm	58,0	4	Auto
K-07 25 05 63	G 1	9000	85,0	264.0 mm	58,0	4	Auto



**Web:** <http://cat.hansa-flex.com/en/KFIPCEBEHAELTERSCHUTZKHANSA>

**Spare parts:**

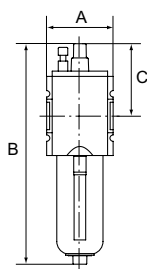
K-HALTERBAUSATZ HANSA - Holder HANSA

K-ERSATZBEHAELTER HANSA POLY - Spare tank HANSA polycarbonat

K-FILTERELEMENT - Filter element

**K-NEBELOEL PC-BEHÄEL SCHUTZK HANSA**

## Oil-mist lubricators

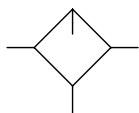


Oil-mist lubricators with excellent flow rates in modern design. These devices can be used to top up oil automatically. A hose must be connected to the threaded nipple on the oil bowl for this purpose. When the oil filling button on the top of the device is pressed, a Venturi nozzle opens and sucks oil into the bowl under vacuum.

<b>Input pressure:</b>	0.5 - 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Container:</b>	Polycarbonate (with bayonet lock)
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Protective cage:</b>	Polyamide
<b>Dropper:</b>	PA
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B mm	C mm
K-07 25 08 79	G 1/4	2800	52,0	183.0 mm	62,2
K-07 25 08 80	G 3/8	2800	52,0	183.0 mm	62,2
K-07 25 08 81	G 3/8	8000	63,0	208.2 mm	69,7
K-07 25 08 82	G 1/2	8000	63,0	208.2 mm	69,7
K-07 25 08 77	G 3/4	16000	85,0	270.4 mm	87,9
K-07 25 08 78	G 1	16000	85,0	270.4 mm	87,9



**Web:** <http://cat.hansa-flex.com/en/KNEBELOELPCBEHAELSCHUTZKHANSA>

**Spare parts:**

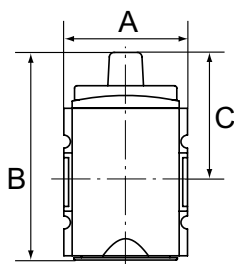
**K-HALTERBAUSATZ HANSA** - Holder HANSA

**K-ERSATZBEHAELTER HANSA POLY** - Spare tank HANSA polycarbonat

**K-TROPFAUFSATZ HANSA** - Drip attachment HANSA

**K-3/2-BKR HANSA**

## Ball valves



Closable ball valve in 3/2-way design, mechanically actuated. Toggle 90° rotatable and with switch position indicator: Traverse: Inlet port blocked - outlet port exhausted Longitudinal: Inlet port and outlet port connected - exhaust blocked. Exhaust air can be collected.

<b>Input pressure:</b>	0 - 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

Identification	Thread	Outlet	Flow rate L/min	A mm	B mm	C mm
K-07 25 11 23	G 1/4	1/4	1900	52,0	87.5 mm	54,5
K-07 25 11 24	G 3/8	1/4	1900	52,0	87.5 mm	54,5
K-07 25 11 43	G 3/8	1/2	11000	63,0	127.0 mm	70,5
K-07 25 11 44	G 1/2	1/2	11000	63,0	127.0 mm	70,5

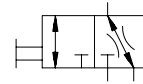


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## K-3/2-BKR HANSA

## Ball valves

Identification	Thread	Outlet	Flow rate L/min	A mm	B	C mm
K-07 25 11 45	G 3/4	3/4	25000	85,0	144.7 mm	93,7
K-07 25 11 46	G 1	3/4	25000	85,0	144.7 mm	93,7



**Web:** <http://cat.hansa-flex.com/en/K32BKRHANSA>

**Spare parts:**

**K-HALTERBAUSATZ HANSA** - Holder HANSA

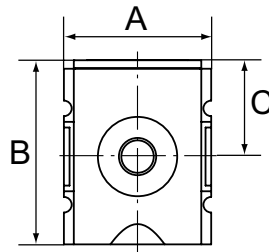
**Accessories:**

**K-VORHAENGESCHLOSS** - Padlock

## K-VERTEILER HANSA

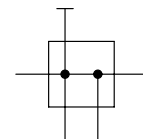
## Manifolds

**Input pressure:** 0 - 16 bar  
**Temp. range:** -10 °C to +50 °C  
**Media:** Compressed air  
**Connection thread:** Material: Die-cast zinc  
**Housing:** Material: Grivory® (PA 66)



**Note:** Further information on request

Identification	Outlets	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 11 17	3 x G 1/4	G 1/4	2700	52,0	65.5 mm	34,5
K-07 25 11 18	3 x G 1/4	G 3/8	3600	52,0	65.5 mm	34,5
K-07 25 11 19	2 x G 3/8, 1 x G 1/4, 1 x G 1/2	G 3/8	7250	63,0	80.5 mm	43,0
K-07 25 11 20	2 x G 3/8, 1 x G 1/4, 1 x G 1/2	G 1/2	7250	63,0	80.5 mm	43,0
K-07 25 11 21	2 x G 3/4	G 3/4	18000	85,0	109.5 mm	58,5
K-07 25 11 22	2 x G 3/4	G 1	18000	85,0	109.5 mm	58,5



**Web:** <http://cat.hansa-flex.com/en/KVERTEILERHANSA>

**Spare parts:**

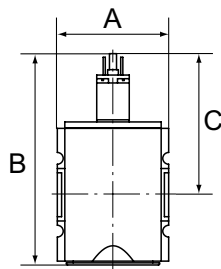
**K-HALTERBAUSATZ HANSA** - Holder HANSA

**K-ERSATZBEHAELTER HANSA POLY** - Spare tank HANSA polycarbonat

**K-GERAETESTECKER** - Coupling socket

**K-WV 3/2 ELK 24 VDC HANSA**

3/2-way valves, electrically operated, with 24 VDC / 2.5 W solenoid



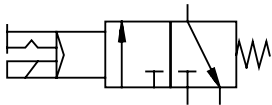
Pneumatic systems or parts of systems can be switched on and off by means of an electrical signal. When they are switched off, the system is exhausted at the same time.

<b>Input pressure:</b>	2 - 10 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>rush-in power alternating current 50Hz:</b>	2,2 VA
<b>Duty cycle:</b>	ED 100 %
<b>Electrical connection:</b>	Connector type C, ISO 15217, 2 poles +PE
<b>holding power alternating current 50Hz:</b>	1,6 VA
<b>Power consumption DC:</b>	2,5 W
<b>Protection IP:</b>	IP 65
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Valves are also available with coil 110 V AC, 50 Hz and in a pneumatically operated version. Please ask for more information.

Identification	Thread	Outlet	Flow rate L/min	A mm	B mm	C mm
K-07 25 11 05	G 1/4	1/4	2000	52,0	117.8 mm	84,8
K-07 25 11 06	G 3/8	1/4	2000	52,0	117.8 mm	84,8
K-07 25 11 31	G 3/8	1/2	4500	63,0	150.3 mm	93,8
K-07 25 11 32	G 1/2	1/2	4500	63,0	150.3 mm	93,8
K-07 25 11 37	G 3/4	1/2	12500	85,0	177.7 mm	110,7
K-07 25 11 38	G 1	1/2	12500	85,0	177.7 mm	110,7



**Web:** <http://cat.hansa-flex.com/en/KWV32ELK24VDCHANSA>

**Spare parts:**

K-HALTERBAUSATZ HANSA - Holder HANSA

K-VORSTEUERVENTIL HANSA - Replacement solenoid HANSA

K-GERAETESTECKER FORM C - Connector

**Accessories:**

K-SCHALLDAE SINTERBR S - Silencers, sintered bronze, slotted

K-SCHALLDAE SINTERBR GE MS1 - Silencers, sintered bronze, with brass hexagon nut and brass thread

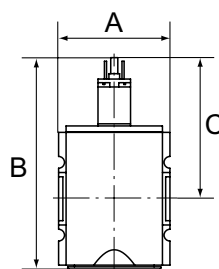
**K-WV 3/2 ELK 230 VAC / 50HZ HANSA****3/2-way valves, electrically operated, with 230 VAC / 50 Hz solenoid**

Pneumatic systems or parts of systems can be switched on and off by means of an electrical signal. When they are switched off, the system is exhausted at the same time.

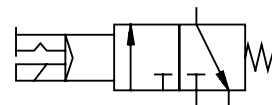
<b>Input pressure:</b>	2 - 10 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>rush-in power alternating current 50Hz:</b>	2,2 VA
<b>Duty cycle:</b>	ED 100 %
<b>Electrical connection:</b>	Connector type C, ISO 15217, 2 poles +PE
<b>holding power alternating current 50Hz:</b>	1,6 VA
<b>Power consumption DC:</b>	2,5 W
<b>Protection IP:</b>	IP 65
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Valves are also available with coil 110 V AC, 50 Hz and in a pneumatically operated version. Please ask for more information.



Identification	Thread	Outlet	Flow rate L/min	A mm	B	C mm
K-07 25 11 09	G 1/4	1/4	2000	52,0	117.8 mm	84,8
K-07 25 11 10	G 3/8	1/4	2000	52,0	117.8 mm	84,8
K-07 25 11 35	G 3/8	1/2	4500	63,0	150.3 mm	93,8
K-07 25 11 36	G 1/2	1/2	4500	63,0	150.3 mm	93,8
K-07 25 11 41	G 3/4	1/2	12500	85,0	177.7 mm	110,7
K-07 25 11 42	G 1	1/2	12500	85,0	177.7 mm	110,7



**Web:** <http://cat.hansa-flex.com/en/KWV32ELK230VAC50HZHANSA>

**Spare parts:**

**K-HALTERBAUSATZ HANSA** - Holder HANSA  
**K-VORSTEUERVENTIL HANSA** - Replacement solenoid HANSA  
**K-GERAETESTECKER FORM C** - Connector

**Accessories:**

**K-SCHALLDAE SINTERBR S** - Silencers, sintered bronze, slotted  
**K-SCHALLDAE SINTERBR GE MS1** - Silencers, sintered bronze, with brass hexagon nut and brass thread

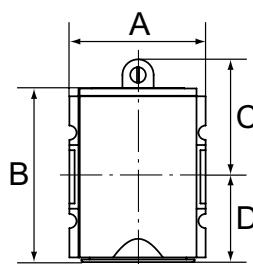
8

**K-BEFUELLVENTIL HANSA****Filling valves (start-up valves)**

Seat valves operated by secondary pressure for controlled pressurisation of pneumatic systems. These valves prevent a sudden build-up of pressure accompanied by dangerous, jerky cylinder movements. The full cross-section of the regulator is opened at 50% of the input pressure. The filling time can be altered by turning the adjusting screw.

<b>Input pressure:</b>	2.5 - 16 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar

**Note:** Further information on request



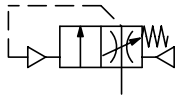
Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 11 11	G 1/4	1300	52,0	78.0 mm	45,0	33,0
K-07 25 11 12	G 3/8	1300	52,0	78.0 mm	45,0	33,0
K-07 25 11 13	G 3/8	3400	63,0	111.5 mm	53,5	58,0
K-07 25 11 14	G 1/2	3400	63,0	111.5 mm	53,5	58,0

**K-BEFUELLVENTIL HANSA**

(Continued)

## Filling valves (start-up valves)

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 11 15	G 3/4	8750	85,0	112.0 mm	58,0	54,0
K-07 25 11 16	G 1	8750	85,0	112.0 mm	58,0	54,0



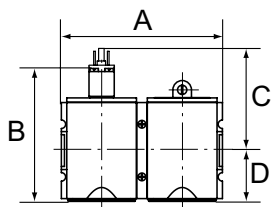
**Web:** <http://cat.hansa-flex.com/en/KBEFUELLVENTILHANSA>

**Spare parts:**

**K-HALTERBAUSATZ HANSA** - Holder HANSA

**K-BEFUELLEINHEIT 24VDC HANSA**

## Filling units, electrically operated, with 24 VDC / 2.5 W solenoid, adjustable filling time



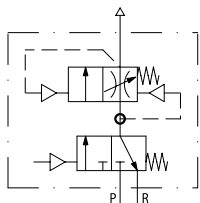
The filling unit protects devices connected downstream by ensuring a gradual build-up of pressure. The unit consists of a 3/2-way valve and a filling valve (start-up valve). It is connected and disconnected by means of the 3/2-way valve. The filling time can be altered by turning the adjusting screw.

<b>Input pressure:</b>	2 - 10 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>rush-in power alternating current 50Hz:</b>	2,2 VA
<b>Duty cycle:</b>	ED 100 %
<b>Electrical connection:</b>	Connector type C, ISO 15217, 2 poles +PE
<b>holding power alternating current 50Hz:</b>	1,6 VA
<b>Power consumption DC:</b>	2,5 W
<b>Protection IP:</b>	IP 65
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Filling units are also available with coil 110 V AC, 50 Hz and in a pneumatically operated version. Please ask for more information.

Identification	Thread	Outlet	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 10 99	G 1/4	1/4	1300	104,0	117.8 mm	84,8	33,0
K-07 25 11 00	G 3/8	1/4	1300	104,0	117.8 mm	84,8	33,0
K-07 25 11 25	G 3/8	1/2	3400	126,0	150.3 mm	93,8	56,5
K-07 25 11 26	G 1/2	1/2	3400	126,0	150.3 mm	93,8	56,5
K-07 25 11 47	G 3/4	1/2	8750	170,0	177.7 mm	110,7	67,0
K-07 25 11 48	G 1	1/2	8750	170,0	177.7 mm	110,7	67,0



**Web:** <http://cat.hansa-flex.com/en/KBEFUELLEINHEIT24VDCHANSA>

**Spare parts:**

**K-HALTERBAUSATZ HANSA** - Holder HANSA

**K-VORSTEUERVENTIL HANSA** - Replacement solenoid HANSA

**K-GERAETESTECKER FORM C** - Connector

**Accessories:**

**K-SCHALLDAE SINTERBR S** - Silencers, sintered bronze, slotted

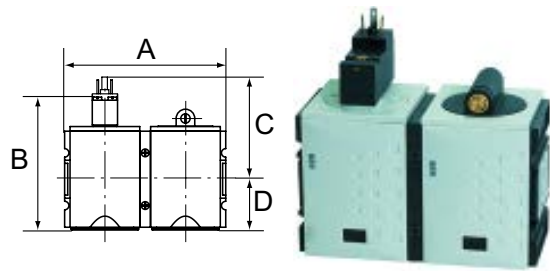
**K-SCHALLDAE SINTERBR GE MS1** - Silencers, sintered bronze, with brass hexagon nut and brass thread



**K-BEFUELLEINHEIT 230V AC HANSA****Filling units, electrically operated, with 230 VAC / 5= Hz solenoid, adjustable filling time**

The filling unit protects devices connected downstream by ensuring a gradual build-up of pressure. The unit consists of a 3/2-way valve and a filling valve (start-up valve). It is connected and disconnected by means of the 3/2-way valve. The filling time can be altered by turning the adjusting screw.

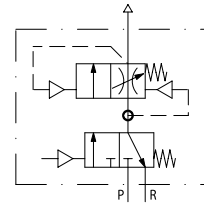
<b>Input pressure:</b>	2 - 10 bar
<b>Temp. range:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>rush-in power alternating current 50Hz:</b>	2,2 VA
<b>Duty cycle:</b>	ED 100 %
<b>Electrical connection:</b>	Connector type C, ISO 15217, 2 poles +PE
<b>holding power alternating current 50Hz:</b>	1,6 VA
<b>Power consumption DC:</b>	2,5 W
<b>Protection IP:</b>	IP 65
<b>Connection thread:</b>	Material: Die-cast zinc
<b>Housing:</b>	Material: Grivory® (PA 66)
<b>Flow rate measurement:</b>	At P2 = 6 bar, pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** Filling units are also available with coil 110 V AC, 50 Hz and in a pneumatically operated version. Please ask for more information.

Identification	Thread	Outlet	Flow rate L/min	A mm	B mm	C mm	D mm
K-07 25 11 03	G 1/4	1/4	1300	104,0	117.8 mm	84,8	33,0
K-07 25 11 04	G 3/8	1/4	1300	104,0	117.8 mm	84,8	33,0
K-07 25 11 29	G 3/8	1/2	3400	126,0	150.3 mm	93,8	56,5
K-07 25 11 30	G 1/2	1/2	3400	126,0	150.3 mm	93,8	56,5
K-07 25 11 51	G 3/4	1/2	8750	170,0	177.7 mm	110,7	67,0
K-07 25 11 52	G 1	1/2	8750	170,0	177.7 mm	110,7	67,0



**Web:** <http://cat.hansa-flex.com/en/KBEFUELLEINHEIT230VACHANSA>

**Spare parts:**

- K-HALTERBAUSATZ HANSA - Holder HANSA
- K-VORSTEUERVENTIL HANSA - Replacement solenoid HANSA
- K-GERAETESTECKER FORM C - Connector

**Accessories:**

- K-SCHALLDAE SINTERBR S - Silencers, sintered bronze, slotted
- K-SCHALLDAE SINTERBR GE MS1 - Silencers, sintered bronze, with brass hexagon nut and brass thread

**K-DIFFERENZDRUCK-DRUCKFLUSS HANSA****Differential pressure flow meter**

Differential pressure measuring system for detecting changes in flow rate or consumption and measuring leakage and energy efficiency. There is a differential pressure at the sensor as soon as a fluid starts to flow. Fast and accurate measurements can be achieved in this way. This robust instrument in a modern design offers a high level of safety (codable) and requires no maintenance.

**Measuring system:** Differential pressure method  
**Operating pressure:** 0 - 16 bar  
**Temp. range:** 0 °C to +50 °C  
**Media:** Compressed air, neutral gases  
**output flow rate:** Analogue 0 to 10 V or 4 to 20 mA  
**Operating voltage:** 24 V DC  
**Display:** background lighting

**Note:** Further information on request

Identification	Operating pressure	Measuring range
K-07 25 19 51	0 - 16 bar	150 to 2000 l/min
K-07 25 19 52	0 - 16 bar	200 to 5000 l/min



**Web:** <http://cat.hansa-flex.com/en/KDIFFERENZDRUCKDRUCKFLUSSHANSA>




**K-ANALYSEPAKET HANSA****Analysis package for differential pressure flow meter**

Software package incl. data converter for logging and analysing measured values. Graphical recording, evaluation and documentation of the flow rate, total consumption and switching states of the digital outputs. Easy integration of charts via the USB interface to your PC (minimum system requirement: Windows XP).










Identification	Description
K-07 25 19 49	Evaluation software for PC, incl. data converter

**Web:** <http://cat.hansa-flex.com/en/KANALYSEPAKETHANSA>

**K-ERSATZBEHAELTER HANSA MET****Spare tank HANSA metal**

Identification	Circuit diagram	Description	Size
K-07 25 18 57		Metal bowl, incl. sight glass, for oil-mist lubricator	1 (G 1/4, G 3/8)
K-07 25 18 58		Metal bowl, incl. sight glass, for oil-mist lubricator	4
K-07 25 18 55		Metal bowl, incl. sight glass, with automatic drain valve	4 (G 3/4)

**K-ERSATZBEHAELTER HANSA MET****Spare tank HANSA metal**

Identification	Circuit diagram	Description	Size
K- 07 25 18 56		Metal bowl, incl. sight glass, for oil-mist lubricator	2
K- 07 25 18 53		Metal bowl, incl. sight glass, with automatic drain valve	1 (G 1/4)
K- 07 25 18 54		Metal bowl, incl. sight glass, for filter / filter regulator	4 (G 3/4)
K- 07 25 18 51		Metal bowl, incl. sight glass, with automatic drain valve	2
K- 07 25 18 52		Metal bowl, incl. sight glass, for filter / filter regulator	1 (G 1/4)
K- 07 25 18 49		Metal bowl, incl. sight glass, for activated carbon filter	4
K- 07 25 18 50		Metal bowl, incl. sight glass, for filter / filter regulator	2 (G 3/8)
K- 07 25 18 47		Metal bowl, incl. sight glass, for activated carbon filter	2
K- 07 25 18 48		Metal bowl, incl. sight glass, for activated carbon filter	1

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERHANSAMET>

**K-ADAPTERPLATTEN HANSA****Adapter plate HANSA**

Adapter plate



Identification	Description
K- 07 25 19 36	Adapter plate from size 2 on size 1
K- 07 25 19 37	Adapter plate from size 2 on size 4

**Web:** <http://cat.hansa-flex.com/en/KADAPTERPLATTENHANSA>

## K-ZUBEH HANSA

### Accessories for pressure switch HANSA

Accessories for pressure switch»FUTURA« Series



Identification	Description
K-07 25 05 23	Moulded seal for flanged pressure switch DS 9410

Web: <http://cat.hansa-flex.com/en/KZUBEHHANSA>

## K-TROPFAUFSATZ HANSA

### Drip attachment HANSA

Sight dome



Identification	Description	Size
K-07 25 18 20	Drip attachment polycarbonate	1-3

Web: <http://cat.hansa-flex.com/en/KTROPFAUFSATZHANSA>

## K-SCHALTTAFELMUTTER HANSA

### Nut HANSA

Nut



Identification	Description	Size
K-07 25 18 36	Panel nut M36x1.5	1 (G 1/4 + G 3/8)
K-07 25 18 37	Panel nut M42x1.5	2 (G 3/8 + G 1/2)

Web: <http://cat.hansa-flex.com/en/KSCHALTTAFELMUTTERHANSA>

**K-VORSTEUERVENTIL HANSA**

## Replacement solenoid HANSA

Pilot valve



Identification	Description
K- 07 25 18 17	Pilot valve 24 V DC
K- 07 25 18 15	Pilot valve 230 V AC
K- 07 25 18 14	Pilot valve 110 V AC



**Web:** <http://cat.hansa-flex.com/en/KVORSTEUERVENTILHANSA>

**K-HALTERBAUSATZ HANSA**

## Holder HANSA

Holder



Identification	Description	Size
K- 07 25 19 70	Wall bracket with connection thread G 3/4	2 (G 3/4)
K- 07 25 19 71	Wall bracket with connection thread G 3/8	2 (G 3/8)
K- 07 25 18 66	Wall bracket, incl. 2 screws	4 (G 3/4 + G 1)
K- 07 25 19 69	Wall bracket with connection thread G 1/2	2 (G 1/2)
K- 07 25 18 64	Wall bracket, incl. 2 screws	1 (G 1/4 + G 3/8)
K- 07 25 18 65	Wall bracket, incl. 2 screws	2 (G 3/8 + G 1/2)
K- 07 25 18 42	Joiner set, incl. 2 screws	2 (G 3/8 + G 1/2)
K- 07 25 18 43	Joiner set, incl. 2 screws	4 (G 3/4 + G 1)
K- 07 25 18 40	Mounting bracket incl. 2 screws	2 (G 3/4 + G 1)
K- 07 25 18 41	Joiner set, incl. 2 screws	1 (G 3/8 + G 1/2)



**K-HALTERBAUSATZ HANSA**

(Continued)

**Holder HANSA**

Identification	Description	Size
K- 07 25 18 38	Mounting bracket incl. 2 screws	
K- 07 25 18 39	Mounting bracket incl. 2 screws	



Web: <http://cat.hansa-flex.com/en/KHALTERBAUSATZHANSA>

**K-HALTERBAUSATZ**

**Holder**

Holder



Identification	Description	Size	Identification	Description	Size
K- 07 25 19 09	Mounting bracket	3	K- 07 25 17 30	Nut M28x1.5 and washer	
K- 07 25 19 10	Mounting bracket, incl. 4 screws	3	K- 07 25 16 97	Mounting bracket with 2 screws for G 1 to G 2	
K- 07 25 19 07	Mounting bracket	2	K- 07 25 17 26	Nut M20x1.5 and washer	
K- 07 25 19 08	Mounting bracket, incl. 4 screws	2	K- 07 25 16 51	Mounting bracket with 2 screws	
K- 07 25 19 05	Mounting bracket	1	K- 07 25 16 96	Mounting kit with 2 screws for G 1/4 to G 3/4	
K- 07 25 19 06	Mounting bracket, incl. 4 screws	1	K- 07 25 15 54	Mounting bracket, stainless steel 1.4401 (K-07250558)	
K- 07 25 19 03	Mounting bracket		K- 07 25 16 08	Mounting bracket	
K- 07 25 19 04	Mounting bracket, incl. 4 screws		K- 07 25 01 89	Mounting bracket	
K- 07 25 17 31	Mounting bracket with nut and washer		K- 07 25 15 53	Mounting bracket, stainless steel 1.4401 (K-07250559)	
K- 07 25 17 91	Mounting bracket with 4 screws		K- 07 25 01 75	Mounting bracket with nut K-07250177	
K- 07 25 17 27	Mounting bracket with nut and washer		K- 07 25 01 76	Mounting bracket with nut K-07250178	



Web: <http://cat.hansa-flex.com/en/KHALTERBAUSATZ>

8

**K-GERAETESTECKER FORM C**

Connector

Connector








Identification	Description	Size
K-07 25 18 08	Connector	1

**Web:** <http://cat.hansa-flex.com/en/KGERAETESTECKERFORMC>

**K-DICHTSATZ HANSA**





Set of seals HANSA

Identification	Circuit diagram	Description	Size
K-07 25 18 13		Set of seals for precision pressure regulator	2
K-07 25 18 12		Set of seals for precision pressure regulator	1
K-07 25 18 11		Seal kit for pressure regulator	2
K-07 25 18 10		Seal kit for pressure regulator	4
K-07 25 18 09		Seal kit for pressure regulator	1

**Web:** <http://cat.hansa-flex.com/en/KDICHTSATZHANSA>









**K-ERSATZBEHAELTER HANSA POLY**

Spare tank HANSA polycarbonat

Identification	Circuit diagram	Description	Size
K-07 25 18 33		bowl guard, for oil-mist lubricator	1
K-07 25 18 34		bowl guard, for oil-mist lubricator	4
K-07 25 18 31		with automatic drain valve	4
K-07 25 18 32		bowl guard, for oil-mist lubricator	2

**K-ERSATZBEHAELTER HANSA POLY**

## Spare tank HANSA polycarbonat

Identification	Circuit diagram	Description	Size
K-07 25 18 29		with automatic drain valve	1
K-07 25 18 30		bowl guard, for filter / filter regulator	4
K-07 25 18 27		with automatic drain valve	2
K-07 25 18 28		bowl guard, for filter / filter regulator	1
K-07 25 18 25		bowl guard, for activated carbon filter	4
K-07 25 18 26		bowl guard, for filter / filter regulator	2
K-07 25 18 23		bowl guard, for activated carbon filter	2
K-07 25 18 24		bowl guard, for activated carbon filter	1

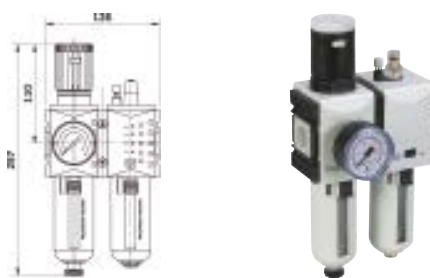
**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERHANSAPOLY>



**K-WTEH 2-TEILIG HANSA PRO**

2-part service unit, with manual/semi-automatic condensate drain and pressure gauge, HANSA PRO

<b>Output pressure:</b>	Pa 0,5 - 8 bar (Standart) Pa 0,1 - 1 bar Pa 0,1 - 2 bar Pa 0,2 - 4 bar Pa 0,5 - 10 bar Pa 0,5 - 16 bar
<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	Diaphragm pressure regulator with relieving, centrifugal filter, mist lubricator
<b>Mounting type:</b>	Line mounting, panel mounting, mounting kit or wall mounting
<b>actuation type/lock:</b>	lockable handwheel
<b>Installation position:</b>	Vertical, drain down
<b>Filter rating:</b>	5,00 µm
<b>Thread pressure gauge:</b>	G 1/4 i
<b>max. condensate quantity:</b>	49 cc
<b>max. oil capacity:</b>	80 cc
<b>Nominal flow-rate G1/2:</b>	3.500 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	3.500 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>oil dosing at qv = 1000 l/min:</b>	1-2 drops / min (guideline)
<b>PE max 12:</b>	16 bar
<b>Filter element:</b>	Cellpor
<b>Housing:</b>	PA66
<b>Diaphragm, seals:</b>	Ms/NBR/PA6
<b>Dropper:</b>	Polycarbonate
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32

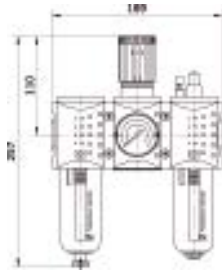


Identification	Connection	Control range	Indicating range	Container	Size	condensate outlet
K-07 25 21 88	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 89	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 90	G 3/8 i	0.2 - 4 bar	0 - 6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 91	G 3/8 i	0.5 - 8 bar	0 - 10 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 92	G 3/8 i	0.5 - 10 bar	0 - 16 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 93	G 3/8 i	0.5 - 16 bar	0 - 25 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 94	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 95	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 96	G 1/2 i	0.2 - 4 bar	0 - 6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 97	G 1/2 i	0.5 - 8 bar	0 - 10 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 98	G 1/2 i	0.5 - 10 bar	0 - 16 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 99	G 1/2 i	0.5 - 16 bar	0 - 25 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 00	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 01	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 02	G 3/8 i	0.2 - 4 bar	0 - 6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 03	G 3/8 i	0.5 - 8 bar	0 - 10 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 04	G 3/8 i	0.5 - 10 bar	0 - 16 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 05	G 3/8 i	0.5 - 16 bar	0 - 25 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 06	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 07	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 08	G 1/2 i	0.2 - 4 bar	0 - 6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 09	G 1/2 i	0.5 - 8 bar	0 - 10 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 10	G 1/2 i	0.5 - 10 bar	0 - 16 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 11	G 1/2 i	0.5 - 16 bar	0 - 25 bar	zinc with visual display	2	manual / semi-automatic

**Web:** <http://cat.hansa-flex.com/en/KWTEH2TEILIGHANSAPRO>

**K-WTEH 3-TEILIG HANSA PRO**

3-part service unit, with manual/semi-automatic condensate drain and pressure gauge, HANSA PRO



<b>Output pressure:</b>	Pa 0,5 - 8 bar (Standart) Pa 0,1 - 1 bar Pa 0,1 - 2 bar Pa 0,2 - 4 bar Pa 0,5 - 10 bar Pa 0,5 - 16 bar
<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	Centrifugal filter membrane pressure regulator with relieving, fog lubricator
<b>Mounting type:</b>	Line mounting, panel mounting, mounting kit or wall mounting
<b>actuation type/lock:</b>	lockable handwheel
<b>Installation position:</b>	Vertical, drain down
<b>Filter rating:</b>	5,00 µm
<b>Thread pressure gauge:</b>	G 1/4 i
<b>max. condensate quantity:</b>	49 cc
<b>max. oil capacity:</b>	80 cc
<b>Nominal flow-rate G1/2:</b>	3.500 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	3.500 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>oil dosing at qv = 1000 l/min:</b>	1-2 drops / min (guideline)
<b>PE max 12:</b>	16 bar
<b>Filter element:</b>	Cellpor
<b>Housing:</b>	PA66
<b>Diaphragm, seals:</b>	Ms/NBR/PA6
<b>Dropper:</b>	Polycarbonate
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32

Identification	Connection	Control range	Indicating range	Container	Size	condensate outlet
K-07 25 22 12	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 13	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 14	G 3/8 i	0.2 - 4 bar	0 - 6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 15	G 3/8 i	0.5 - 8 bar	0 - 10 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 16	G 3/8 i	0.5 - 10 bar	0 - 16 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 17	G 3/8 i	0.5 - 16 bar	0 - 25 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 18	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 19	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 20	G 1/2 i	0.2 - 4 bar	0 - 6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 21	G 1/2 i	0.5 - 8 bar	0 - 10 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 22	G 1/2 i	0.5 - 10 bar	0 - 16 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 23	G 1/2 i	0.5 - 16 bar	0 - 25 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 22 24	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 25	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 26	G 3/8 i	0.2 - 4 bar	0 - 6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 27	G 3/8 i	0.5 - 8 bar	0 - 10 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 28	G 3/8 i	0.5 - 10 bar	0 - 16 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 29	G 3/8 i	0.5 - 16 bar	0 - 25 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 30	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 31	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 32	G 1/2 i	0.2 - 4 bar	0 - 6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 33	G 1/2 i	0.5 - 8 bar	0 - 10 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 34	G 1/2 i	0.5 - 10 bar	0 - 16 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 22 35	G 1/2 i	0.5 - 16 bar	0 - 25 bar	zinc with visual display	2	manual / semi-automatic

Web: <http://cat.hansa-flex.com/en/KWTEH3TEILIGHANSAPRO>

**K-FI FEIN HANSA PRO****Compressed air fine filter, with manual/semi-automatic condensate drain, HANSA PRO**

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	fiber filter
<b>Mounting type:</b>	Line mounting, mounting kit or wall mounting
<b>Installation position:</b>	Vertical, drain down
<b>Filter rating:</b>	0,01 µm
<b>filter efficiency:</b>	99.999 %
<b>Nominal flow-rate G1/2:</b>	750 l/min (P1 = 6 bar/Delta P = 0,1 bar)
<b>Nominal flow-rate G 3/8:</b>	750 l/min (P1 = 6 bar/Delta P = 0,1 bar)
<b>Pe max:</b>	16 bar
<b>Filter element:</b>	Borsilicate-Al
<b>Housing:</b>	PA66
<b>Residual oil content:</b>	0,01 mg/m3

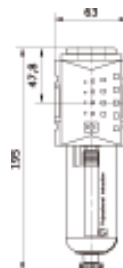


Identification	Connection	Container	Size	condensate outlet
K-07 25 21 28	G 3/8 i	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 29	G 1/2 i	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 30	G 3/8 i	zinc with visual display	2	manual / semi-automatic
K-07 25 21 31	G 1/2 i	zinc with visual display	2	manual / semi-automatic

**Web:** <http://cat.hansa-flex.com/en/KFIFEINHANSA PRO>

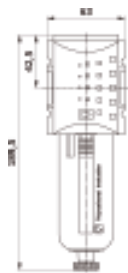
**K-FI VOR HANSA PRO****Compressed air prefilter, with manual/semi-automatic condensate drain, HANSA PRO**

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	fiber filter
<b>Mounting type:</b>	Line mounting, mounting kit or wall mounting
<b>Installation position:</b>	Vertical, drain down
<b>Filter rating:</b>	0,30 µm
<b>filter efficiency:</b>	99.999 %
<b>max. condensate quantity:</b>	49 cc
<b>Nominal flow-rate G1/2:</b>	580 l/min (P1 = 6 bar/Delta P = 0,02 bar)
<b>Nominal flow-rate G 3/8:</b>	580 l/min (P1 = 6 bar/Delta P = 0,02 bar)
<b>Pe max:</b>	16 bar
<b>Filter element:</b>	Paper-Al
<b>Housing:</b>	PA66
<b>Residual oil content:</b>	0,01 mg/m3



Identification	Connection	Container	Size	condensate outlet
K-07 25 21 24	G 3/8 i	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 25	G 1/2 i	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 26	G 3/8 i	zinc with visual display	2	manual / semi-automatic
K-07 25 21 27	G 1/2 i	zinc with visual display	2	manual / semi-automatic

**Web:** <http://cat.hansa-flex.com/en/KFIVORHANSA PRO>

**K-FI HANSA PRO****Compressed air filter, with manual/semi-automatic condensate drain, HANSA PRO**

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	Centrifugal filter
<b>Mounting type:</b>	Line mounting, mounting kit or wall mounting
<b>Installation position:</b>	Vertical, drain down
<b>Filter rating:</b>	5,00 µm
<b>max. condensate quantity:</b>	49 cc
<b>Nominal flow-rate G1/2:</b>	3.500 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	3.500 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>Pe max:</b>	16 bar
<b>Filter element:</b>	Cellpor
<b>Housing:</b>	PA66

Identification	Connection	Container	Size	condensate outlet
K-07 25 21 20	G 3/8 i	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 21	G 1/2 i	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 22	G 3/8 i	zinc with visual display	2	manual / semi-automatic
K-07 25 21 23	G 1/2 i	zinc with visual display	2	manual / semi-automatic

**Web:** <http://cat.hansa-flex.com/en/KFIHANSA PRO>

**K-FI AK HANSA PRO****Compressed air activated carbon filter, HANSA PRO**

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Mounting type:</b>	Line mounting, mounting kit or wall mounting
<b>Installation position:</b>	vertically
<b>Nominal flow-rate G1/2:</b>	1.600 l/min (P1 = 6 bar/Delta P = 0,2 bar)
<b>Nominal flow-rate G 3/8:</b>	1.600 l/min (P1 = 6 bar/Delta p = 0,2 bar)
<b>Pe max:</b>	16 bar
<b>Filter element:</b>	Activated carbon
<b>Housing:</b>	PA66
<b>Residual oil content:</b>	< 0,005 mg/m3

Identification	Connection	Container	Size
K-07 25 21 32	G 3/8 i	polycarbonate with protective cage	2
K-07 25 21 33	G 1/2 i	polycarbonate with protective cage	2
K-07 25 21 34	G 3/8 i	zinc with visual display	2
K-07 25 21 35	G 1/2 i	zinc with visual display	2

**Web:** <http://cat.hansa-flex.com/en/KFIAKHANSAPRO>

## K-FI REG MANO HANSA PRO

## Filter regulator, HANSA PRO2 with manual/semi-automatic condensate drain and pressure gauge, HANSA PRO

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	Diaphragm pressure regulator with relieving, centrifugal filter
<b>Mounting type:</b>	Line mounting, panel mounting, mounting kit or wall mounting
<b>actuation type/lock:</b>	lockable handwheel
<b>Installation position:</b>	Vertical, drain down
<b>Filter rating:</b>	5,00 µm
<b>Thread pressure gauge:</b>	G 1/4 i
<b>max. condensate quantity:</b>	49 cc
<b>Nominal flow-rate G1/2:</b>	5.200 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	4.300 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>PE max 4:</b>	Pa 0,5 - 8 bar (Standard) Pa 0,1 - 1 bar Pa 0,1 - 2 bar Pa 0,2 - 4 bar Pa 0,5 - 10 bar Pa 0,5 - 16 bar
<b>PE max 6:</b>	16 bar
<b>Filter element:</b>	Cellpor
<b>Housing:</b>	PA66
<b>Diaphragm, seals:</b>	Ms/NBR/PA6



Identification	Connection	Control range	Indicating range	Container	Size	condensate outlet
K-07 25 21 60	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 61	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 62	G 3/8 i	0.2 - 4 bar	0 - 6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 63	G 3/8 i	0.5 - 8 bar	0 - 10 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 64	G 3/8 i	0.5 - 10 bar	0 - 16 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 65	G 3/8 i	0.5 - 16 bar	0 - 25 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 66	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 67	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 68	G 1/2 i	0.2 - 4 bar	0 - 6 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 69	G 1/2 i	0.5 - 8 bar	0 - 10 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 70	G 1/2 i	0.5 - 10 bar	0 - 16 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 71	G 1/2 i	0.5 - 16 bar	0 - 25 bar	polycarbonate with protective cage	2	manual / semi-automatic
K-07 25 21 72	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 73	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 74	G 3/8 i	0.2 - 4 bar	0 - 6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 75	G 3/8 i	0.5 - 8 bar	0 - 10 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 76	G 3/8 i	0.5 - 10 bar	0 - 16 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 77	G 3/8 i	0.5 - 16 bar	0 - 25 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 78	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 79	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 80	G 1/2 i	0.2 - 4 bar	0 - 6 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 81	G 1/2 i	0.5 - 8 bar	0 - 10 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 82	G 1/2 i	0.5 - 10 bar	0 - 16 bar	zinc with visual display	2	manual / semi-automatic
K-07 25 21 83	G 1/2 i	0.5 - 16 bar	0 - 25 bar	zinc with visual display	2	manual / semi-automatic

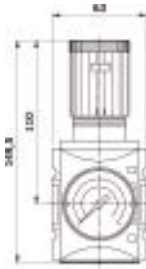
**Web:** <http://cat.hansa-flex.com/en/KFIREGMANOHANSA PRO>

**K-NEBELOELER HANSA PRO****Mist lubricator, HANSA PRO**

<b>Input pressure:</b>	Pe max. 16 bar
<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	After having suction pressure
<b>Installation position:</b>	vertically
<b>max. oil capacity:</b>	80 cc
<b>Nominal flow-rate G 1/2:</b>	8.000 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	8.000 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>oil dosing at qv = oil grade:</b>	1-2 drops / min (guideline)
<b>Housing:</b>	PA66
<b>Dropper:</b>	Polycarbonate
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32

Identification	Connection	Container	Size
K-07 25 21 84	G 3/8 i	polycarbonate with protective cage	2
K-07 25 21 85	G 1/2 i	polycarbonate with protective cage	2
K-07 25 21 86	G 3/8 i	zinc with visual display	2
K-07 25 21 87	G 1/2 i	zinc with visual display	2

**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERHANSAPRO>

**K-DRG MANO HANSA PRO****Pressure regulator, with pressure gauge, HANSA PRO**

<b>Output pressure:</b>	Pa 0,5 - 8 bar (Standart) Pa 0,1 - 1 bar Pa 0,1 - 2 bar Pa 0,2 - 4 bar Pa 0,5 - 10 bar Pa 0,5 - 16 bar
<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	Diaphragm pressure regulator with relieving
<b>Mounting type:</b>	Line mounting, panel mounting, mounting kit or wall mounting
<b>actuation type/lock:</b>	lockable handwheel
<b>Installation position:</b>	Any
<b>Thread pressure gauge:</b>	G 1/4 i
<b>Nominal flow-rate G 1/2:</b>	5.100 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	4.300 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Pe max:</b>	16 bar
<b>Housing:</b>	PA66
<b>Diaphragm, seals:</b>	Ms/NBR/PA6

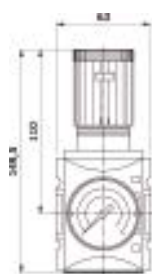
Identification	Connection	Control range	Indicating range	Size
K-07 25 21 36	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	2
K-07 25 21 37	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	2
K-07 25 21 38	G 3/8 i	0.2 - 4 bar	0 - 6 bar	2
K-07 25 21 39	G 3/8 i	0.5 - 8 bar	0 - 10 bar	2
K-07 25 21 40	G 3/8 i	0.5 - 10 bar	0 - 16 bar	2
K-07 25 21 41	G 3/8 i	0.5 - 16 bar	0 - 25 bar	2
K-07 25 21 42	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	2
K-07 25 21 43	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	2
K-07 25 21 44	G 1/2 i	0.2 - 4 bar	0 - 6 bar	2
K-07 25 21 45	G 1/2 i	0.5 - 8 bar	0 - 10 bar	2
K-07 25 21 46	G 1/2 i	0.5 - 10 bar	0 - 16 bar	2
K-07 25 21 47	G 1/2 i	0.5 - 16 bar	0 - 25 bar	2

**Web:** <http://cat.hansa-flex.com/en/KDRGMANOHANSAPRO>

**K-PDRR MANO HANSA PRO**

## Precision pressure regulator, with pressure gauge, HANSA PRO

<b>Output pressure:</b>	Pa 0,5 - 8 bar (Standart) Pa 0,1 - 1 bar Pa 0,1 - 2 bar Pa 0,2 - 4 bar Pa 0,5 - 10 bar Pa 0,5 - 16 bar
<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Design:</b>	Diaphragm pressure regulator with relieving
<b>Mounting type:</b>	Line mounting, panel mounting, mounting kit or wall mounting
<b>actuation type/lock:</b>	lockable handwheel
<b>Installation position:</b>	Any
<b>Thread pressure gauge:</b>	G 1/4 i
<b>max. internal air consumption:</b>	2,6 l/min at P2 = 6 bar
<b>Nominal flow-rate G1/2:</b>	5.100 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	4.300 l/min (P1 = 10 bar, P2 = 6,3 bar/Delta P = 1 bar)
<b>Pe max:</b>	16 bar
<b>Housing:</b>	PA66
<b>Diaphragm, seals:</b>	Ms/NBR/PA6



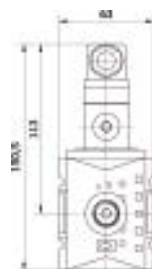
Identification	Connection	Control range	Indicating range	Size
K-07 25 21 48	G 3/8 i	0.1 - 1 bar	0 - 1,6 bar	2
K-07 25 21 49	G 3/8 i	0.1 - 2 bar	0 - 2,5 bar	2
K-07 25 21 50	G 3/8 i	0.2 - 4 bar	0 - 6 bar	2
K-07 25 21 51	G 3/8 i	0.5 - 8 bar	0 - 10 bar	2
K-07 25 21 52	G 3/8 i	0.5 - 10 bar	0 - 16 bar	2
K-07 25 21 53	G 3/8 i	0.5 - 16 bar	0 - 25 bar	2
K-07 25 21 54	G 1/2 i	0.1 - 1 bar	0 - 1,6 bar	2
K-07 25 21 55	G 1/2 i	0.1 - 2 bar	0 - 2,5 bar	2
K-07 25 21 56	G 1/2 i	0.2 - 4 bar	0 - 6 bar	2
K-07 25 21 57	G 1/2 i	0.5 - 8 bar	0 - 10 bar	2
K-07 25 21 58	G 1/2 i	0.5 - 10 bar	0 - 16 bar	2
K-07 25 21 59	G 1/2 i	0.5 - 16 bar	0 - 25 bar	2

**Web:** <http://cat.hansa-flex.com/en/KPDRRMANOHANSAPRO>

**K-VERTEILER 3-FACH HANSA PRO**

## Distributor 3-fold with pressure switch, HANSA PRO

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Mounting type:</b>	Line mounting, mounting kit or wall mounting
<b>Installation position:</b>	Any
<b>Adjustment range:</b>	0,3 - 2 bar
<b>Nominal flow-rate G1/2:</b>	11.000 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	7.250 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>standard nominal flow rate rear (P - E):</b>	2.250 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>standard nominal flow rate top (P - D):</b>	2.250 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>standard nominal flow rate bottom (P - B):</b>	5.500 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>standard nominal flow rate front (P - C):</b>	2.250 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>PE max 11:</b>	16 bar
<b>Housing:</b>	PA66



Identification	Port P + A	Port B	Port C	Port D	Port E	Burst pressure bar	Size
K-07 25 22 38	G 3/8 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	5	2
K-07 25 22 39	G 3/8 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	10	2
K-07 25 22 40	G 3/8 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	20	2



**K-VERTEILER 3-FACH HANSA PRO**

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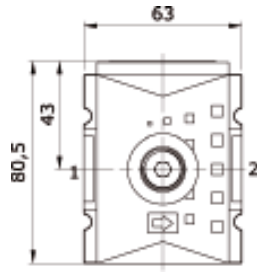
**Distributor 3-fold with pressure switch, HANSA PRO**

Identification	Port P + A	Port B	Port C	Port D	Port E	Burst pressure bar	Size
K-07 25 22 41	G 3/8 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	25	2
K-07 25 22 42	G 1/2 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	5	2
K-07 25 22 43	G 1/2 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	10	2
K-07 25 22 44	G 1/2 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	20	2
K-07 25 22 45	G 1/2 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	25	2

Web: <http://cat.hansa-flex.com/en/KVERTEILER3FACHHANSAPRO>

**K-VERTEILER 4-FACH HANSA PRO**

**Distributor 4-fold, HANSA PRO**



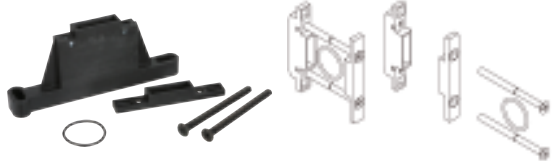
- Media temperature:** -10 °C to +50 °C
- Ambient temperature:** -10 °C to +50 °C
- Media:** Compressed air
- Mounting type:** Line mounting, mounting kit or wall mounting
- Installation position:** Any
- Nominal flow-rate G 1/2:** 11.000 l/min (P1 = 6 bar/Delta P = 1 bar)
- Nominal flow-rate G 3/8:** 7.250 l/min (P1 = 6 bar/Delta P = 1 bar)
- standard nominal flow rate rear (P – E):** 2.250 l/min (P1 = 6 bar/Delta P = 1 bar)
- standard nominal flow rate top (P – D):** 2.250 l/min (P1 = 6 bar/Delta P = 1 bar)
- standard nominal flow rate bottom (P – B):** 5.500 l/min (P1 = 6 bar/Delta P = 1 bar)
- standard nominal flow rate front (P – C):** 2.250 l/min (P1 = 6 bar/Delta P = 1 bar)
- PE max 11:** 16 bar
- Housing:** PA66

Identification	Port P + A	Port B	Port C	Port D	Port E	Size
K-07 25 22 46	G 3/8 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	2
K-07 25 22 47	G 1/2 i	G 1/2 i	G 3/8 i	G 1/4 i	G 3/8 i	2

Web: <http://cat.hansa-flex.com/en/KVERTEILER4FACHHANSAPRO>

**K-KOP PACKET WAND HANSA PRO**

**Coupling package wall mounting, HANSA PRO**



**Installation position:** Any  
**use:** Coupling of all devices

Identification	Designation
K-07 25 22 37	2 mounting elements, for wall mounting, 2 screws, O-ring

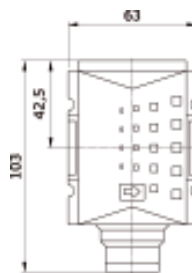
Web: <http://cat.hansa-flex.com/en/KKOPPACKETWANDHANSAPRO>



**K-RD HANSA PRO**

## Non-return valve, HANSA PRO

**Media temperature:** -10 °C to +50 °C  
**Ambient temperature:** -10 °C to +50 °C  
**Media:** Compressed air  
**Design:** poppet valve, spring-loaded  
**Mounting type:** Line mounting, mounting kit or wall mounting  
**Installation position:** Any  
**Nominal flow-rate G1/2:** 5.000 l/min (P1 = 6 bar/Delta P = 1 bar)  
**Nominal flow-rate G 3/8:** 5.000 l/min (P1 = 6 bar/Delta P = 1 bar)  
**PE max 11:** 16 bar  
**Housing:** PA66



Identification	Connection	Size
K- 07 25 22 62	G 3/8 i	2
K- 07 25 22 63	G 1/2 i	2

**Web:** <http://cat.hansa-flex.com/en/KRDHANSAPRO>

**K-AFSV HANSA PRO**

## Start-up poppet valve, HANSA PRO

**Media temperature:** -10 °C to +50 °C  
**Ambient temperature:** -10 °C to +50 °C  
**Media:** Compressed air  
**Design:** Operated by secondary pressure  
**Mounting type:** Line mounting, mounting kit or wall mounting  
**Installation position:** Any  
**Nominal flow-rate G1/2:** 5.200 l/min (P1 = 6 bar/Delta P = 1 bar)  
**Nominal flow-rate G 3/8:** 4.300 l/min (P1 = 6 bar/Delta P = 1 bar)  
**PE max 11:** 16 bar  
**Housing:** PA66



Identification	Connection	Size
K- 07 25 22 60	G 3/8 i	2
K- 07 25 22 61	G 1/2 i	2

**Web:** <http://cat.hansa-flex.com/en/KAFSVHANSAPRO>

**K-KOP PACKET HANSA PRO**

## Coupling package, HANSA PRO

**use:** Coupling of all devices

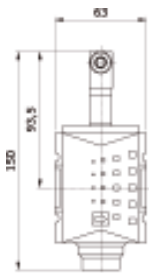


Identification	Designation
K- 07 25 22 36	2 mountings, 2 screws, O-Ring

**Web:** <http://cat.hansa-flex.com/en/KKOPPACKETHANSAPRO>

### K-3WSV ELKT OS HANSA PRO

3/2-way poppet valve electrically actuated, HANSA PRO



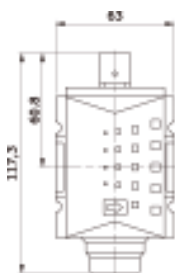
**Media temperature:** -10 °C to +50 °C  
**Ambient temperature:** -10 °C to +50 °C  
**Media:** Compressed air  
**Protection IP:** IP 65 acc. to DIN 40050  
**Mounting type:** Line mounting, mounting kit or wall mounting  
**Operation:** electrical  
**Pressure range:** 2 - 10 bar  
**Installation position:** Any  
**Nominal flow-rate G1/2:** 5.200 l/min (P1 = 6 bar/Delta P = 1 bar)  
**Nominal flow-rate G 3/8:** 4.300 l/min (P1 = 6 bar/Delta P = 1 bar)  
**PE max 11:** 10 bar  
**Housing:** PA66

Identification	Connection	Rated voltage/current type	Size
K-07 25 22 56	G 3/8 i	no coil	2
K-07 25 22 57	G 1/2 i	no coil	2

**Web:** <http://cat.hansa-flex.com/en/K3WSVELKTOSHANSAPRO>

### K-3WSV PNEU HANSA PRO

3/2-way poppet valve pneumatically actuated, HANSA PRO



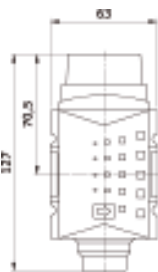
**Media temperature:** -10 °C to +50 °C  
**Ambient temperature:** -10 °C to +50 °C  
**Media:** Compressed air  
**Mounting type:** Line mounting, mounting kit or wall mounting  
**Operation:** Pneumatic  
**Installation position:** Any  
**Nominal flow-rate G1/2:** 5.200 l/min (P1 = 6 bar/Delta P = 1 bar)  
**Nominal flow-rate G 3/8:** 4.300 l/min (P1 = 6 bar/Delta P = 1 bar)  
**PE max 11:** 16 bar  
**Housing:** PA66

Identification	Connection	Size
K-07 25 22 58	G 3/8 i	2
K-07 25 22 59	G 1/2 i	2

**Web:** <http://cat.hansa-flex.com/en/K3WSVPNEUHANSAPRO>

### K-3WBK HANSA PRO

3/2-way ball valve, HANSA PRO



**Media:** Compressed air  
**Mounting type:** Line mounting, mounting kit or wall mounting  
**actuation type/lock:** lockable with key lock  
**Installation position:** Any  
**Nominal flow-rate G1/2:** 11.000 l/min (P1 = 6 bar/Delta P = 1 bar)  
**Nominal flow-rate G 3/8:** 7.250 l/min (P1 = 6 bar/Delta P = 1 bar)  
**PE max 11:** 16 bar

Identification	Connection	Size
K-07 25 22 54	G 3/8 i	2
K-07 25 22 55	G 1/2 i	2

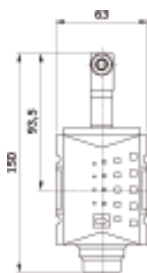
**Web:** <http://cat.hansa-flex.com/en/K3WBKHANSAPRO>

**Accessories:**  
 K-STECKSCHLOSS - Key lock

**K-3WSV ELKT HANSA PRO**

3/2-way poppet valve, electrically actuated, for HANSA PRO

<b>Media temperature:</b>	-10 °C to +50 °C
<b>Ambient temperature:</b>	-10 °C to +50 °C
<b>Media:</b>	Compressed air
<b>Protection IP:</b>	IP 65 acc. to DIN 40050
<b>Mounting type:</b>	Line mounting, mounting kit or wall mounting
<b>Operation:</b>	electrical
<b>Pressure range:</b>	2 - 10 bar
<b>Installation position:</b>	Any
<b>Nominal flow-rate G1/2:</b>	5.200 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>Nominal flow-rate G 3/8:</b>	4.300 l/min (P1 = 6 bar/Delta P = 1 bar)
<b>PE max 11:</b>	10 bar
<b>Housing:</b>	PA66



Identification	Connection	Rated voltage/current type	Size
K-07 25 22 48	G 3/8 i	24 V DC	2
K-07 25 22 49	G 3/8 i	115 V AC 50 Hz	2
K-07 25 22 50	G 3/8 i	230 V AC 50 Hz	2
K-07 25 22 51	G 1/2 i	24 V DC	2
K-07 25 22 52	G 1/2 i	115 V AC 50 Hz	2
K-07 25 22 53	G 1/2 i	230 V AC 50 Hz	2

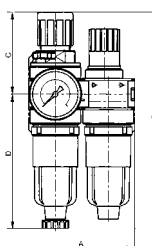
**Web:** <http://cat.hansa-flex.com/en/K3WSVELKTHANSAPRO>

**K-WTEH 2-TLG PC MULTIFIX MINI**

Service units, 2-piece with polycarbonate bowl

Two or three-piece service units consisting of a diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 12 bar (also for metal tank!)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** Lockable service units available on request. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm	DN	Size
K-07 25 01 25	G 1/8	0.5 - 10 bar	700	80,0	165.5 mm	63,0	102,5	5	0
K-07 25 01 27	G 1/4	0.5 - 10 bar	700	80,0	165.5 mm	63,0	102,5	5	0



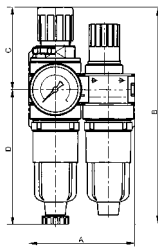
**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCMULTIFIXMINI>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-SCHALTTAFELMUTTER - Nut
- K-KOPPELPAKET MEHR - Coupling packet
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-WTEH 2-TLG MET TROPF MULTIFIX MIN**

Service units, 2-piece with metal bowl and metal sight dome



Two or three-piece service units consisting of a diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 12 bar (also for metal tank!)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Lockable service units available on request. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 26	G 1/8	0.5 - 10 bar	700	80,0	162,0 mm	63,0	99,0	5	0
K-07 25 01 28	G 1/4	0.5 - 10 bar	700	80,0	162,0 mm	63,0	99,0	5	0



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGMETTROPFMULTIFIXMIN>

**Spare parts:**

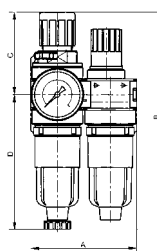
- K-HALTERBAUSATZ - Holder
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-SCHALTTAFELMUTTER - Nut
- K-KOPPELPAKET MEHR - Coupling packet
- K-PC-BEHAEALTER FILTER MULTIFIX - Polycarbonate tank filter
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-WTEH 3-TLG PC MULTIFIX MINI**

## Service units, 3-piece with polycarbonate bowl

Two or three-piece service units consisting of a diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 12 bar (also for metal tank!)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** Lockable service units available on request. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 06	G 1/8	0.5 - 10 bar	700	120,0	165.5 mm	63,0	102,5	5	0
K-07 25 01 08	G 1/4	0.5 - 10 bar	700	120,0	165.5 mm	63,0	102,5	5	0



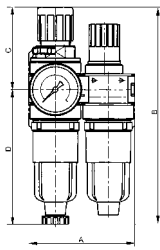
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCMULTIFIXMINI>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-SCHALTTAFELMUTTER - Nut
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-WTEH 3-TLG MET TROPF MULTIFIX-MIN**

Service units, 3-piece with metal bowl and metal sight dome



Two or three-piece service units consisting of a diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 12 bar (also for metal tank!)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Lockable service units available on request. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 07	G 1/8	0.5 - 10 bar	700	120,0	162.3 mm	63,0	99,3	5	0
K-07 25 01 09	G 1/4	0.5 - 10 bar	700	120,0	162.3 mm	63,0	99,3	5	0



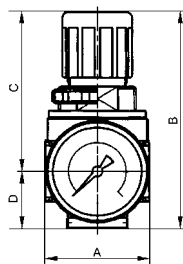
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGMETTROPFMULTIFIXMIN>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-SCHALTTAFELMUTTER - Nut
- K-KOPPELPAKET MEHR - Coupling packet
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-DRG MULTIFIX MINI**

Pressure regulators



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design. The pressure setting can be locked by pushing the button down.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Lockable pressure regulators: K-07250001 and K-07250007 (prices on request). If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 03	G 1/8	0.1 - 3 bar	1100	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 04	G 1/8	0.2 - 6 bar	1100	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 01	G 1/8	0.5 - 10 bar	1100	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 02	G 1/8	0.5 - 16 bar	1100	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 05	G 1/4	0.1 - 3 bar	1100	40,0	85.0 mm	63,0	22,0	5	0



(Continued)

## K-DRG MULTIFIX MINI

## Pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 06	G 1/4	0.2 - 6 bar	1100	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 07	G 1/4	0.5 - 10 bar	1100	40,0	85.0 mm	63,0	22,0	5	0



Web: <http://cat.hansa-flex.com/en/KDRGMULTIFIXMINI>

## Spare parts:

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

K-KOPPELPAKET MEHR - Coupling packet

K-VERSCHLEI-SATZ - Set of wearing parts

## K-DRG DRVS MULTIFIX MINI

## Pressure regulators with pressure supply at both ends

Diaphragm pressure regulators with self-relieving design for mounting side by side. The pressure setting can be locked by pushing the button down. By assembling two or more controllers together, it is possible to supply several working air circuits with different output pressures via a single supply line.

**Input pressure:** Max. 16 bar

**Media temperature:** max. 60 °C

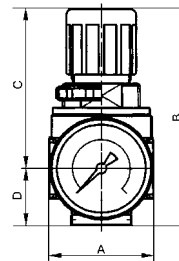
**Ambient temperature:** Max. 60 °C

**Sealant:** NBR

**Spring bonnet:** POM-brass

**Housing:** Die-cast zinc

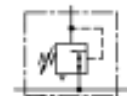
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** The port for the output pressure (P2) is on the rear! K-07250028: G 1/8. Lockable pressure regulator: K-07250027. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 28	G 1/4	0.1 - 3 bar	1200	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 29	G 1/4	0.2 - 6 bar	1200	40,0	85.0 mm	63,0	22,0	5	0
K-07 25 00 27	G 1/4	0.5 - 10 bar	1200	40,0	85.0 mm	63,0	22,0	5	0



Web: <http://cat.hansa-flex.com/en/KDRGDRVSMULTIFIXMINI>

## Spare parts:

K-HALTERBAUSATZ - Holder

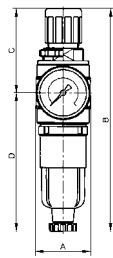
K-SCHALTTAFELMUTTER - Nut

K-KOPPELPAKET MEHR - Coupling packet

K-VERSCHLEI-SATZ - Set of wearing parts

**K-FI REGL PC-BEHAEL MANO MULTIFIX M**

Filter regulators with polycarbonate bowl and pressure gauge



Reversible diaphragm pressure regulators, independent of inlet pressure, with secondary ventilation, in combination with a centrifugal separator. The pressure setting can be locked by pressing in the handwheel.

<b>Input pressure:</b>	Max. 16 bar (also for metal tank!)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Lockable filter pressure regulators available on request. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm	DN	Size
K-07 25 00 63	G 1/8	0.1 - 3 bar	950	40,0	165.5 mm	63,0	102,5	5	0
K-07 25 00 62	G 1/8	0.5 - 10 bar	950	40,0	165.5 mm	63,0	102,5	5	0
K-07 25 00 65	G 1/4	0.1 - 3 bar	1100	40,0	165.5 mm	63,0	102,5	5	0
K-07 25 00 66	G 1/4	0.5 - 10 bar	1100	40,0	165.5 mm	63,0	102,5	5	0



**Web:** <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELMANOMULTIFIXM>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTTAFELMUTTER - Nut
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve



**K-FI REGL METALLBEHAE MANO MULTIF M****Filter regulators with metal bowl and pressure gauge**

Reversible diaphragm pressure regulators, independent of inlet pressure, with secondary ventilation, in combination with a centrifugal separator. The pressure setting can be locked by pressing in the handwheel.

**Input pressure:** Max. 16 bar (also for metal tank!)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 60 °C

**Pore size in filter element:** 5 µm

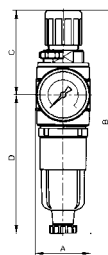
**Sealant:** NBR

**Spring bonnet:** POM-brass

**Housing:** Die-cast zinc

**Drain valve:** Semi-automatic

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Lockable filter pressure regulators available on request. If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm	DN	Size
K-07 25 00 61	G 1/8	0.5 - 10 bar	950	40,0	162,0 mm	63,0	99,0	5	0
K-07 25 00 64	G 1/4	0.5 - 10 bar	1100	40,0	162,0 mm	63,0	99,0	5	0



**Web:** <http://cat.hansa-flex.com/en/KFIREGLMETALLBEHAEMANOMULTIFM>

**Spare parts:**

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

K-KOPPELPAKET MEHR - Coupling packet

K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«

K-PC-BEHAEALTER FILTER MULTIFIX - Polycarbonate tank filter

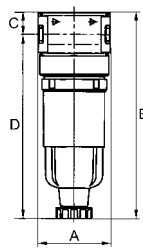
K-VERSCHLEI-SATZ - Set of wearing parts

K-FILTERELEMENT - Filter element

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI PC-BEHAEL H ABLV MULTIFX MINI**

Filters with polycarbonate bowl and semi-automatic drain valve



Centrifugal separators with a sintered filter element.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	1000 l/min
<b>Pore size in filter element:</b>	5 µm
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	A mm	B	C mm	D mm	DN	Size
K- 07 25 00 42	G 1/8	40,0	114.8 mm	12,3	102,5	5	0
K- 07 25 00 44	G 1/4	40,0	114.8 mm	12,3	102,5	5	0



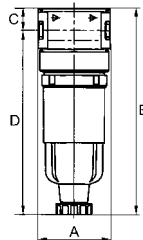
**Web:** <http://cat.hansa-flex.com/en/KFIPCBEAELHABLVMULTIFXMINI>

**Spare parts:**

- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-FILTERELEMENT - Filter element

**K-FI METALLBEHAEL H ALV MULTIFIX MI**

Filters with metal bowl and semi-automatic drain valve



Centrifugal separators with a sintered filter element.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	1000 l/min
<b>Pore size in filter element:</b>	5 µm
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	A mm	B	C mm	D mm	DN	Size
K- 07 25 00 43	G 1/8	40,0	111.6 mm	12,3	99,3	5	0
K- 07 25 00 45	G 1/4	40,0	111.6 mm	12,3	99,3	5	0



**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELHALVMULTIFIXMI>

**Spare parts:**

- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-FILTERELEMENT - Filter element

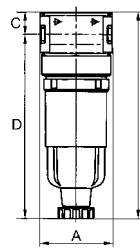
**K-VORFI PC-BEHAELTER MULTIFIX MINI**

Pre-filters with polycarbonate bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,30 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Paper-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FV at P1 = 6 bar and pressure drop $\Delta p = 0.02$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 64	G 1/8	130	40,0	114.8 mm	12,3	102,5	5
K-07 25 10 66	G 1/4	160	40,0	138.1 mm	12,3	125,8	5



**Web:** <http://cat.hansa-flex.com/en/KVORFIPCEHAELTERMULTIFIXMINI>

**Spare parts:**

K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
K-KOPPELPAKET MEHR - Coupling packet

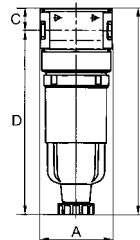
**K-VORFI METALLBEHAEL MULTIFIX MINI**

Pre-filters with metal bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,30 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Paper-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FV at P1 = 6 bar and pressure drop $\Delta p = 0.02$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 65	G 1/8	130	40,0	111.6 mm	12,3	102,5	5
K-07 25 10 67	G 1/4	160	40,0	138.1 mm	12,3	125,8	5



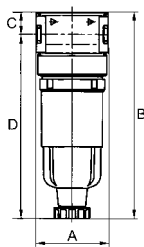
**Web:** <http://cat.hansa-flex.com/en/KVORFIMETALLBEHAELMULTIFIXMINI>

**Spare parts:**

K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
K-KOPPELPAKET MEHR - Coupling packet

**K-FI MIKRO PC-BEHAEL MULTIFIX MINI**

## Micro-filters with polycarbonate bowl



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,01 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Borosilicate-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FM at P1 = 6 bar and pressure drop $\Delta p = 0.09$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 54	G 1/8	230	40,0	114.8 mm	12,3	102,5	5
K-07 25 10 56	G 1/4	450	40,0	138.1 mm	12,3	125,8	5



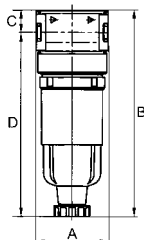
**Web:** <http://cat.hansa-flex.com/en/KFIMIKROPCBEHAELMULTIFIXMINI>

**Spare parts:**

K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
K-KOPPELPAKET MEHR - Coupling packet

**K-FI MIKRO METALLBEHAEL MULTIFIX MI**

## Micro-filters with metal bowl



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,01 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Borosilicate-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FM at P1 = 6 bar and pressure drop $\Delta p = 0.09$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 55	G 1/8	230	40,0	111.6 mm	12,3	99,3	5
K-07 25 10 57	G 1/4	450	40,0	138.1 mm	12,3	125,8	5



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROMETALLBEHAELMULTIFIXMI>

**Spare parts:**

K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
K-KOPPELPAKET MEHR - Coupling packet

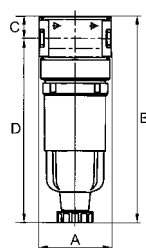
**K-FI AK KOH PC-BEHAEL MULTIFIX MINI**

## Activated carbon filters with polycarbonate bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Activated carbon-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup>
<b>Flow rate measurement:</b>	FA at P1 = 6 bar and pressure drop $\Delta p = 0.2$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 45	G 1/8	310	40,0	107.8 mm	12,3	95,5	5	0
K-07 25 10 47	G 1/4	380	40,0	122.8 mm	12,3	110,5	5	0



**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPCEHAELMULTIFIXMINI>

**Spare parts:**

- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«

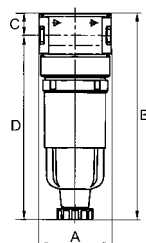
**K-FI AK KOH METALLBEHAEL MULTIFIX MI**

## Activated carbon filters with metal bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Activated carbon-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup>
<b>Flow rate measurement:</b>	FA at P1 = 6 bar and pressure drop $\Delta p = 0.2$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 46	G 1/8	310	40,0	97.3 mm	12,3	85,0	5	0



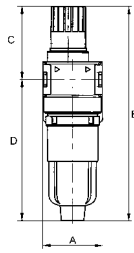
**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPMETALLBEHAEMULTIFIXMI>

**Spare parts:**

- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«

**K-NEBELOELER PC-BEHAEL MULTIFIX MIN**

## Oil-mist lubricators with polycarbonate bowl

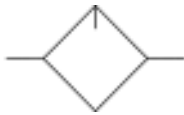


Micro-lubricators, oil can be filled under pressure.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	1000 l/min
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	A mm	B	C mm	D mm	DN	Size
K-07 25 00 87	G 1/8	40,0	145.1 mm	49,6	95,5	5	0
K-07 25 00 89	G 1/4	40,0	145.1 mm	49,6	95,5	5	0



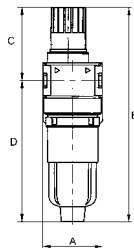
**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELMULTIFIXMIN>

**Spare parts:**

- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-NEBELOEL METALLBEHAEL MULTIFIX MI**

## Oil-mist lubricators with metal bowl and metal sight dome

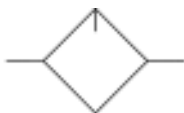


Micro-lubricators, oil can be filled under pressure.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	1000 l/min
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	A mm	B	C mm	D mm	DN	Size
K-07 25 00 88	G 1/8	40,0	147.6 mm	62,6	85,0	5	0
K-07 25 00 90	G 1/4	40,0	147.6 mm	62,6	85,0	5	0



**Web:** <http://cat.hansa-flex.com/en/KNEBELOELMETALLBEHAELMULTIFIXMI>

**Spare parts:**

- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-KOPPELPAKET MEHR - Coupling packet
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-VT MULTIFIX MINI****Manifold**

Narrow, two-way manifold with two G 1/8 outlets.


**Input pressure:** Max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Flow rate:** P-A = 2700 l/min  
 P-B and P-C = 1300 l/min

**Sealant:** NBR  
**Housing:** Die-cast zinc

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** If several devices in the »multiflex-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Circuit diagram	Thread	A mm	B	C mm	D mm
K-07 25 11 81		G 1/4	23,0	36,0 mm	18,0	18,0

**Web:** <http://cat.hansa-flex.com/en/KVTMULTIFIXMINI>

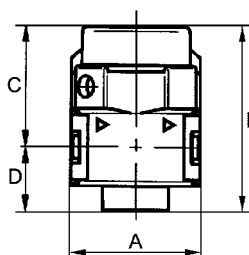
**Spare parts:**

K-KOPPELPAKET MEHR - Coupling packet

**K-3/2-BKR MULTIFIX MINI****Ball valves**

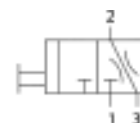
Rotary switch can be turned 90°, lockable, with relief port

**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Operation:** Twist knob, rotatable 90°  
**Flow rate:** 1800 l/min  
**Vent port:** Silencer G 1/4  
**Sealant:** NBR  
**Housing:** Die-cast zinc  
**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** If several devices in the »multiflex-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	A mm	B	C mm	D mm	Size
K-07 25 11 56	G 1/8	40,0	57,6 mm	37,6	20,0	0
K-07 25 11 57	G 1/4	40,0	57,6 mm	37,6	20,0	0



**Web:** <http://cat.hansa-flex.com/en/K32BKRMULTIFIXMINI>

**Spare parts:**

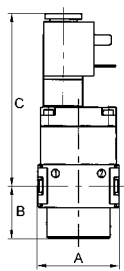
K-KOPPELPAKET MEHR - Coupling packet

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

K-SCHALLDAE SINTERBR SCHLITZ - Silencers, sintered bronze, slotted

**K-SCHALTVENTILE 3/2 MULTIFIX MINI**

## On-off valves (3/2-way valves)

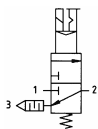


Pneumatic systems or parts of systems can be switched on and off by means of an electrical signal. When they are switched off, the system is relieved at the same time.

<b>Input pressure:</b>	Min. 2 bar, max. 10 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Electrical connection:</b>	Device plug PG 9, type B, EN 175301-803
<b>Protection IP:</b>	IP 65 (P 54) acc. to DIN 40050
<b>Flow rate:</b>	1600 l/min
<b>cyclic duration relative:</b>	100 %
<b>Vent port:</b>	Silencer G 1/4
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	Solenoid	A mm	B mm	C mm	Size
K-07 25 11 62	G 1/4	230 V AC, 50 Hz	45,0	29,0 mm	96,0	0
K-07 25 11 63	G 1/4	110 V AC, 50 Hz	45,0	29,0 mm	96,0	0
K-07 25 11 64	G 1/4	24 V DC	45,0	29,0 mm	96,0	0



**Web:** <http://cat.hansa-flex.com/en/KSCHALTVENTILE32MULTIFIXMINI>

**Spare parts:**

K-KOPPELPAKET MEHR - Coupling packet

K-GERAETESTECKER - Coupling socket

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

K-MAGNETSPULE MULTIFIX - Solenoid

K-SCHALLDAE SINTERBR SCHLITZ - Silencers, sintered bronze, slotted

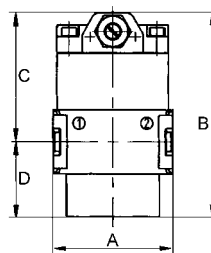


**K-ANFAV MULTIFIX MINI**

## Start-up valves

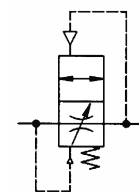
Seat valves operated by secondary pressure for controlled pressurisation of pneumatic systems. The full cross-section of the regulator is opened at 50% of the input pressure. With adjustable restrictor!

**Input pressure:** Min. 2.5 bar, max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Flow rate:** 1600 l/min  
**Sealant:** NBR  
**Housing:** Die-cast zinc  
**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** If several devices in the »multifix-mini« Series are assembled together, the maximum working pressure is 12 bar. Further information on request

Identification	Thread	A mm	B mm	C mm	D mm
K-07 25 11 53	G 1/4	45,0	77,5 mm	48,5	29,0



**Web:** <http://cat.hansa-flex.com/en/KANFAVMULTIFIXMINI>

**Spare parts:**

**K-KOPPELPAKET MEHR** - Coupling packet

**Accessories:**

**K-HALTERBAUSATZ** - Holder

**K-MAGNETSPULE MULTIFIX**

## Solenoid

Solenoid



Identification	Description
K-07 25 01 79	Replacement solenoid 24 V DC
K-07 25 01 82	Replacement solenoid 24 V AC, 50 Hz
K-07 25 01 81	Replacement solenoid 110 V AC, 50 Hz
K-07 25 01 80	Replacement solenoid 230 V AC, 50 Hz

**Web:** <http://cat.hansa-flex.com/en/KMAGNETSPULEMULTIFIX>

## K-WV 3/2 VORSTEU HAND MULTIFIX

### 3/2-way valve








3/2-way valve for pilot control with hand valve for switch valve

Identification	Description
K-07 25 01 83	3/2-way valve for pilot control with hand valve for switch valve

**Web:** <http://cat.hansa-flex.com/en/KWV32VORSTEUHANDMULTIFIX>

## K-ERSATZBEHAELTER MULTI MINI

### Spare tank »multifix-mini« & »standard-mini«

Identification	Circuit diagram	Description
K-07 25 16 27		Metal bowl (lubricator)
K-07 25 16 23		Polycarbonate bowl (lubricator)
K-07 25 16 12		Metal bowl with semi-automatic drain
K-07 25 16 09		Metal bowl (filter)
K-07 25 01 45		Metal bowl with automatic drain valve

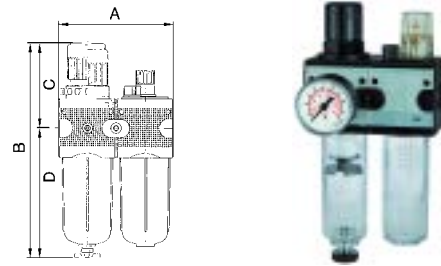
**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERMULTIMINI>

**K-WTEH 2-TLG PC-BEHAEL MULTIFIX**

## Service units, 2-piece with polycarbonate bowl

Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

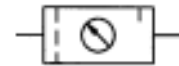
<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (BG 1 / BG 2), 40 µm (BG 3)
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** 2-piece service units are also available in other control ranges (0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 29	G 1/4	0.5 - 10 bar	1100	92,8	192.1 mm	67,0	125,1	6	1
K-07 25 01 32	G 3/8	0.5 - 10 bar	1100	92,8	192.1 mm	67,0	125,1	10	1
K-07 25 01 35	G 1/2	0.5 - 10 bar	3500	134,8	246.3 mm	99,0	147,3	15	2
K-07 25 01 38	G 3/4	0.5 - 10 bar	3500	134,8	246.3 mm	99,0	147,3	20	2
K-07 25 01 41	G 1	0.5 - 10 bar	10500	200,0	381.8 mm	128,0	253,8	25	3



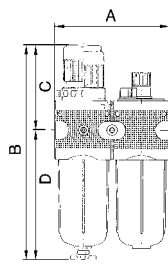
**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCBEHAELMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-WTEH 2-TLG PC-BEHAEL SCHUTZK MULT**

Service units, 2-piece with polycarbonate bowl and bowl guard



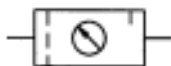
Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (BG 1 / BG 2), 40 µm (BG 3)
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** 2-piece service units are also available in other control ranges (0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 31	G 1/4	0.5 - 10 bar	1100	92,8	192.1 mm	67,0	125,1	6	1
K-07 25 01 34	G 3/8	0.5 - 10 bar	1100	92,8	192.1 mm	67,0	125,1	10	1
K-07 25 01 37	G 1/2	0.5 - 10 bar	3500	134,8	246.3 mm	99,0	147,3	15	2
K-07 25 01 40	G 3/4	0.5 - 10 bar	3500	134,8	246.3 mm	99,0	147,3	20	2
K-07 25 01 43	G 1	0.5 - 10 bar	10500	200,0	381.8 mm	128,0	253,8	25	3



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCBEHAELSCHUTZKMULT>

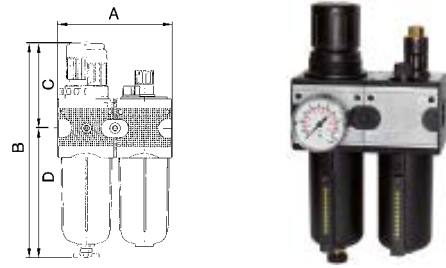
**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-VERSCHLEI-SATZ - Set of wearing parts

**K-WTEH 2-TLG MET SICH TROPF MULTIFI****Service units, 2-piece with metal bowl and sight glass, metal sight dome**

Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (BG 1 / BG 2), 40 µm (BG 3)
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** 2-piece service units are also available in other control ranges (0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 30	G 1/4	0.5 - 10 bar	1100	93,0	196,0 mm	67,0	129,0	6	1
K-07 25 01 33	G 3/8	0.5 - 10 bar	1100	93,0	196,0 mm	67,0	129,0	10	1
K-07 25 01 36	G 1/2	0.5 - 10 bar	3500	136,0	248,0 mm	97,0	151,0	15	2
K-07 25 01 39	G 3/4	0.5 - 10 bar	3500	136,0	248,0 mm	97,0	151,0	20	2
K-07 25 01 42	G 1	0.5 - 10 bar	10500	200,0	385,0 mm	128,0	257,0	25	3



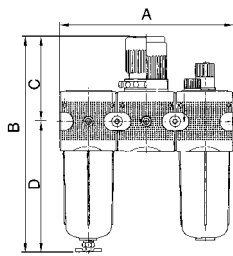
**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGMETSICHTROPFMULTIFI>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-KOPPELPAKET SCHMA - Coupling packet

**K-WTEH 3-TLG PC-BEHAEL MULTIFIX**

## Service units, 3-piece with polycarbonate bowl



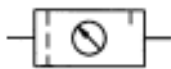
Three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, centrifugal separator and proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (BG 1 / BG 2), 40 µm (BG 3)
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** 3-piece service units are also available in other control ranges (0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 10	G 1/4	0.5 - 10 bar	1100	137,8	192.1 mm	67,0	125,1	6	1
K-07 25 01 13	G 3/8	0.5 - 10 bar	1100	137,8	192.1 mm	67,0	125,1	10	1
K-07 25 01 16	G 1/2	0.5 - 10 bar	3000	200,8	246.3 mm	99,0	147,3	15	2
K-07 25 01 19	G 3/4	0.5 - 10 bar	3000	200,8	246.3 mm	99,0	147,3	25	2
K-07 25 01 22	G 1	0.5 - 10 bar	11300	300,0	381.8 mm	128,0	253,8	25	3



**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCBEHAELMULTIFIX>

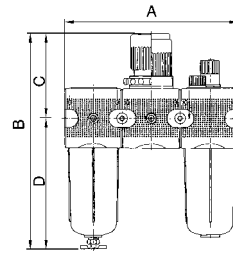
**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-VERSCHLEI-SATZ - Set of wearing parts

**K-WTEH 3-TLG PC-BEHAEL SCHUTZK MULT****Service units, 3-piece with polycarbonate bowl and bowl guard**

Three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, centrifugal separator and proportional lubricator.

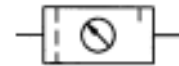
<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (BG 1 / BG 2), 40 µm (BG 3)
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** 3-piece service units are also available in other control ranges (0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 12	G 1/4	0.5 - 10 bar	1100	137,8	192.1 mm	67,0	125,1	6	1
K-07 25 01 15	G 3/8	0.5 - 10 bar	1100	137,8	192.1 mm	67,0	125,1	10	1
K-07 25 01 18	G 1/2	0.5 - 10 bar	3000	200,8	246.3 mm	99,0	147,3	15	2
K-07 25 01 21	G 3/4	0.5 - 10 bar	3000	200,8	246.3 mm	99,0	147,3	25	2
K-07 25 01 24	G 1	0.5 - 10 bar	11300	300,0	381,4 mm	128,0	253,8	25	3



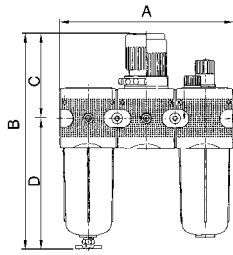
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCBEHAELSCHUTZKMULT>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-VERSCHLEI-SATZ - Set of wearing parts

**K-WTEH 3-TLG MET SICH TROPF MULTIFI**

Service units, 3-piece with metal bowl and sight glass, metal sight dome



Three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, centrifugal separator and proportional lubricator.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 60 °C

**Pore size in filter element:** 5 µm (BG 1 / BG 2), 40 µm (BG 3)

**Sealant:** NBR

**Spring bonnet:** POM-brass

**Housing:** Die-cast zinc, Aluminium for G 1 variant

**Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)

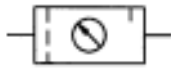
**Drain valve:** Semi-automatic

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** 3-piece service units are also available in other control ranges (0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 11	G 1/4	0.5 - 10 bar	1100	138,0	196,0 mm	67,0	129,0	6	1
K-07 25 01 14	G 3/8	0.5 - 10 bar	1100	138,0	196,0 mm	67,0	129,0	10	1
K-07 25 01 17	G 1/2	0.5 - 10 bar	3000	202,0	248,0 mm	97,0	151,0	15	2
K-07 25 01 20	G 3/4	0.5 - 10 bar	3000	202,0	248,0 mm	97,0	151,0	20	2
K-07 25 01 23	G 1	0.5 - 10 bar	11300	300,0	385,0 mm	128,0	257,0	25	3



**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGMETSICHTROPFMULTIFI>

**Spare parts:**

K-HALTERBAUSATZ - Holder

K-SCHALTAFELMUTTER - Nut

K-HALTERBAUSATZ MULTIFIX - Holder

K-KOPPELPAKET MEHR - Coupling packet

K-KOPPELPAKET SCHMA - Coupling packet

K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter

K-SCHUTZKORB G - Protective cage

K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate

K-TROPFAUFSATZ METALL - Drip attachment metal

K-FILTERELEMENT - Filter element

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

K-VERSCHLEI-SATZ - Set of wearing parts



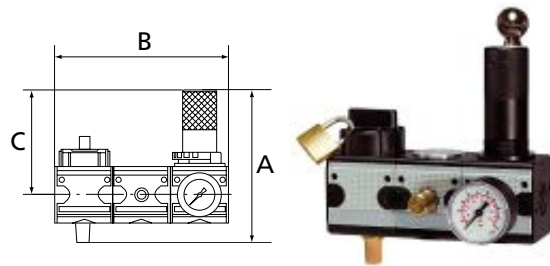
**K-WTST SAFETY BKR SCHA AN DR MULTI**

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and pressure regulator with lock cylinder

These compressed air service unit sets, comprising a ball valve with silencer, a start-up valve and one out of a pressure regulator, filter regulator or service unit, meet even the strictest requirements for operating reliability and accident prevention!

<b>Input pressure:</b>	2 - 16 bar
<b>Output pressure:</b>	0.5 - 10 bar
<b>Temp. range:</b>	Max. 60 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Container:</b>	Polycarbonate (with bayonet lock) and bowl guard
<b>Spring bonnet:</b>	POM
<b>Filter element:</b>	Cellpor (PE) 5 µm
<b>Housing:</b>	Die-cast zinc
<b>Diaphragm:</b>	NBR
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	see data sheets of the individual components (on request)

**connection venting ball valve:** Silencer



**Ordering information:** The price does not include a padlock. Please order separately. For accessories and spare parts, refer to individual components: ball valve, start-up valve, pressure regulator, filter regulator, 2-piece service unit.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 15 11	G 1/4	2 - 10 bar	1000	128,0	137.8 mm	94,0
K-07 25 15 12	G 1/2	2 - 10 bar	4000	189,0	200.8 mm	122,0
K-07 25 15 13	G 1	2 - 10 bar	12000	241,7	282.8 mm	157,0

**Web:** <http://cat.hansa-flex.com/en/KWTSTSAFETYBKRSCHAANDRMULTI>

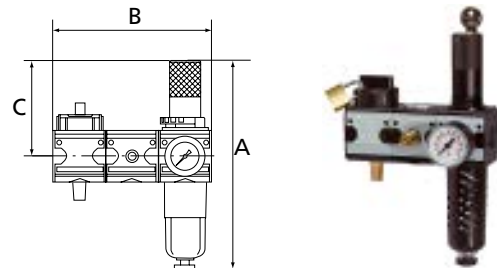
**K-WTST SAFETY BKR SCHA AN FILR MULT**

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and filter regulator with lock cylinder

These compressed air service unit sets, comprising a ball valve with silencer, a start-up valve and one out of a pressure regulator, filter regulator or service unit, meet even the strictest requirements for operating reliability and accident prevention!

<b>Input pressure:</b>	2 - 16 bar
<b>Output pressure:</b>	0.5 - 10 bar
<b>Temp. range:</b>	Max. 60 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Container:</b>	Polycarbonate (with bayonet lock) and bowl guard
<b>Spring bonnet:</b>	POM
<b>Filter element:</b>	Cellpor (PE) 5 µm
<b>Housing:</b>	Die-cast zinc
<b>Diaphragm:</b>	NBR
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	see data sheets of the individual components (on request)

**connection venting ball valve:** Silencer



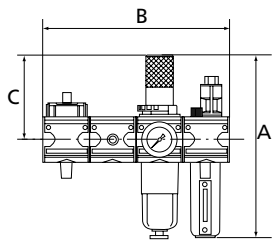
**Ordering information:** The price does not include a padlock. Please order separately. For accessories and spare parts, refer to individual components: ball valve, start-up valve, pressure regulator, filter regulator, 2-piece service unit.

Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 15 14	G 1/4	1000	219,1	137.8 mm	94,0	Semi-automatic
K-07 25 15 15	G 1/2	4000	269,3	200.8 mm	122,0	Semi-automatic
K-07 25 15 16	G 1	12000	410,8	282.8 mm	157,0	Semi-automatic

**Web:** <http://cat.hansa-flex.com/en/KWTSTSAFETYBKRSCHAANFILRMULTI>

**K-WTST SAFETY BKR SCHA AN 2T MULTI**

SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and 2-piece service unit with lock cylinder



These compressed air service unit sets, comprising a ball valve with silencer, a start-up valve and one out of a pressure regulator, filter regulator or service unit, meet even the strictest requirements for operating reliability and accident prevention!

<b>Input pressure:</b>	2 - 16 bar
<b>Output pressure:</b>	0.5 - 10 bar
<b>Temp. range:</b>	Max. 60 °C
<b>Media:</b>	Compressed air
<b>Sealant:</b>	NBR
<b>Container:</b>	Polycarbonate (with bayonet lock) and bowl guard
<b>Spring bonnet:</b>	POM
<b>Filter element:</b>	Cellpor (PE) 5 µm
<b>Housing:</b>	Die-cast zinc
<b>Diaphragm:</b>	NBR
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	see data sheets of the individual components (on request)
<b>connection venting ball valve:</b>	Silencer

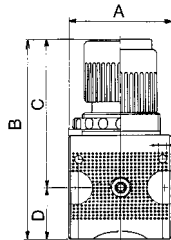
**Ordering information:** The price does not include a padlock. Please order separately. For accessories and spare parts, refer to individual components: ball valve, start-up valve, pressure regulator, filter regulator, 2-piece service unit.

Identification	Thread	Flow rate L/min	A mm	B	C mm	condensate outlet
K-07 25 15 17	G 1/4	1000	219,1	182.8 mm	94,0	Semi-automatic
K-07 25 15 18	G 1/2	3550	269,3	266.8 mm	122,0	Semi-automatic
K-07 25 15 19	G 1	9800	410,8	382.8 mm	157,0	Semi-automatic

**Web:** <http://cat.hansa-flex.com/en/KWTSTSAFETYBKRSCHAAN2TMULTI>

**K-DRG MULTIFIX**

Pressure regulators



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design. The pressure setting can be locked by pushing the button down.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Lockable pressure regulators K-07250008 and K-07250012. Lockable pressure regulators K-07250016 and K-07250020. Lockable pressure regulator K-07250024. Prices on request.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 10	G 1/4	0.1 - 3 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 11	G 1/4	0.2 - 6 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 08	G 1/4	0.5 - 10 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 09	G 1/4	0.5 - 16 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 14	G 3/8	0.1 - 3 bar	1500	47,8	94.8 mm	67,0	27,8	10	1
K-07 25 00 15	G 3/8	0.2 - 6 bar	1500	47,8	94.8 mm	67,0	27,8	10	1
K-07 25 00 12	G 3/8	0.5 - 10 bar	1500	47,8	94.8 mm	67,0	27,8	10	1
K-07 25 00 13	G 3/8	0.5 - 16 bar	1500	47,8	94.8 mm	67,0	27,8	10	1
K-07 25 00 18	G 1/2	0.1 - 3 bar	6000	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 19	G 1/2	0.2 - 6 bar	6000	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 16	G 1/2	0.5 - 10 bar	6000	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 17	G 1/2	0.5 - 16 bar	6000	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 22	G 3/4	0.1 - 3 bar	6000	68,8	134.1 mm	99,0	35,1	20	2
K-07 25 00 23	G 3/4	0.2 - 6 bar	6000	68,8	134.1 mm	99,0	35,1	20	2
K-07 25 00 20	G 3/4	0.5 - 10 bar	6000	68,8	134.1 mm	99,0	35,1	20	2



(Continued)

## K-DRG MULTIFIX

## Pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 21	G 3/4	0.5 - 16 bar	6000	68,8	134.1 mm	99,0	35,1	20	2
K-07 25 00 25	G 1	0.1 - 3 bar	12500	100,0	179.5 mm	128,0	51,5	25	3
K-07 25 00 26	G 1	0.2 - 6 bar	12500	100,0	179.5 mm	128,0	51,5	25	3
K-07 25 00 24	G 1	0.5 - 10 bar	12500	100,0	179.5 mm	128,0	51,5	25	3
K-07 25 19 55	G 1	0.5 - 16 bar	12500	100,0	179.5 mm	128,0	51,5	25	3



Web: <http://cat.hansa-flex.com/en/KDRGMULTIFIX>

## Spare parts:

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

K-HALTERBAUSATZ MULTIFIX - Holder

K-KOPPELPAKET MEHR - Coupling packet

K-KOPPELPAKET SCHMA - Coupling packet

K-VERSCHLEI-SATZ - Set of wearing parts

## K-DRG DRVS MULTIFIX

## Pressure regulators with pressure supply at both ends

Diaphragm pressure regulators with self-relieving design for mounting side by side. The pressure setting can be locked by pushing the knob down. By assembling two or more controllers together, it is possible to supply several working air circuits with different output pressures via a single supply line.

**Input pressure:** Max. 16 bar

**Media temperature:** max. 60 °C

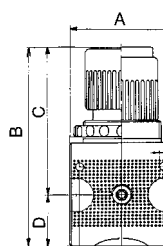
**Ambient temperature:** Max. 60 °C

**Sealant:** NBR

**Spring bonnet:** POM-brass

**Housing:** Die-cast zinc

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** The port for the output pressure (P2) is on the rear! K-07250031: G 1/4, K-07250034: G 1/2. Lockable pressure regulators K-07250030 available on request.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 31	G 1/4	0.1 - 3 bar	2000	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 32	G 1/4	0.2 - 6 bar	2000	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 30	G 1/4	0.5 - 10 bar	2000	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 34	G 1/2	0.1 - 3 bar	5500	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 35	G 1/2	0.2 - 6 bar	5500	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 33	G 1/2	0.5 - 10 bar	5500	68,8	134.1 mm	99,0	35,1	15	2



Web: <http://cat.hansa-flex.com/en/KDRGDRVSMULTIFIX>

## Spare parts:

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

K-HALTERBAUSATZ MULTIFIX - Holder

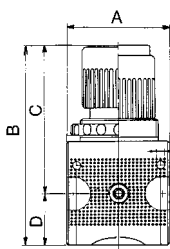
K-KOPPELPAKET MEHR - Coupling packet

K-KOPPELPAKET SCHMA - Coupling packet

K-VERSCHLEI-SATZ - Set of wearing parts

## K-PRAEZI DRUCKREGLER MULTIFIX

### Precision pressure regulators



Diaphragm pressure regulators, independent of inlet pressure, with self-relieving design and very high flow rate. The pressure setting can be locked by pushing the button down.

- Input pressure:** Max. 16 bar
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Sealant:** NBR
- Spring bonnet:** POM-brass
- Housing:** Die-cast zinc
- Internal air consumption:** 2.6 l/min, depending on secondary pressure
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Lockable precision pressure regulators available on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 37	G 1/4	0.1 - 3 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 38	G 1/4	0.2 - 6 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 36	G 1/4	0.5 - 10 bar	1500	47,8	94.8 mm	67,0	27,8	6	1
K-07 25 00 40	G 1/2	0.1 - 3 bar	6000	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 41	G 1/2	0.2 - 6 bar	6000	68,8	134.1 mm	99,0	35,1	15	2
K-07 25 00 39	G 1/2	0.5 - 10 bar	6000	68,8	134.1 mm	99,0	35,1	15	2



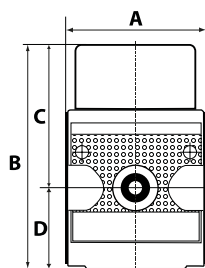
**Web:** <http://cat.hansa-flex.com/en/KPRAEZIDRUCKREGLERMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-VERSCHLEI-SATZ - Set of wearing parts

## K-DRG PNEU FERNGEST MULTIFIX

### Pressure regulators with pneumatic remote control



Diaphragm pressure regulator, self-relieving, with pneumatic remote control. The pressure is set with a pilot pressure regulator (1:1 ratio). Either a standard or a precision pressure regulator can be used to regulate the pilot pressure.

- Input pressure:** Max. 16 bar
- Output pressure:** corresponds to the set pressure of the pilot pressure regulator
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Sealant:** NBR
- Housing:** Die-cast zinc, Aluminium for G 1 variant
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- Pilot air connection:** G 1/8

**Note:** Further information on request


Identification	Circuit diagram	Thread	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 19 56		G 1/4	1800	48,0	75.0 mm	48,0	27,0
K-07 25 19 57		G 1/2	4800	69,0	94.0 mm	59,0	35,0



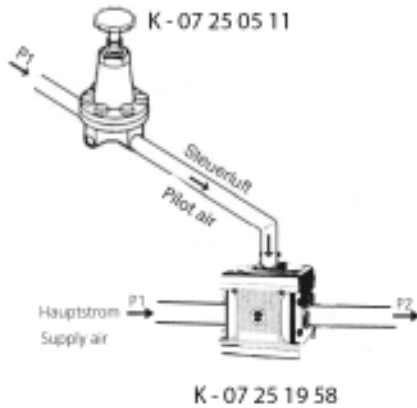
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**K-DRG PNEU FERNGEST MULTIFIX**

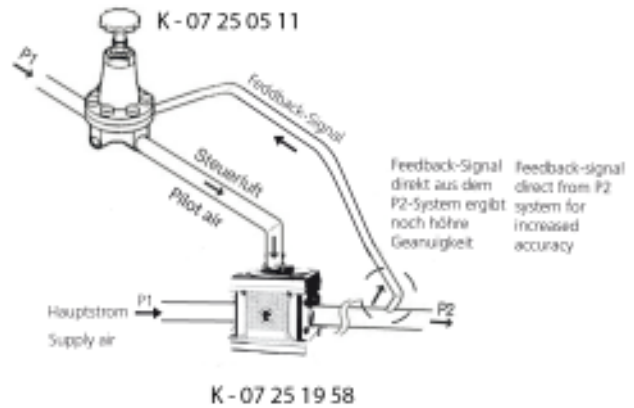
Pressure regulators with pneumatic remote control

Identification	Circuit diagram	Thread	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 19 58		G 1	12500	100,0	112,0 mm	60,0	52,0

Einsatzbeispiel Variante 1  
mit Pilotregler  
Application example 1  
with pilot pressure regulator



Einsatzbeispiel Variante 2  
mit Pilotregler mit Feedback-Signal  
Application example 2  
with pilot pressure regulator with feedback-signal



Web: <http://cat.hansa-flex.com/en/KDRGPNEUFERNGESTMULTIFIX>

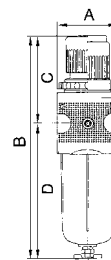
- Spare parts:**  
**K-HALTERBAUSATZ MULTIFIX** - Holder  
**K-KOPPELPAKET MEHR** - Coupling packet  
**K-VERSCHLEI-SATZ MULTIFIX** - Set of wearing parts »multifix«

**K-FI REGL PC-BEHAEL MANO MULTIFIX**

Filter regulators with polycarbonate bowl and pressure gauge

Reversible diaphragm pressure regulators, independent of inlet pressure, with secondary ventilation, in combination with a centrifugal separator. The pressure setting can be locked by pressing in the handwheel.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Pore size in filter element:** 5 µm (C55: 40 µm)  
**Sealant:** NBR  
**Spring bonnet:** POM-brass  
**Housing:** Die-cast zinc, Aluminium for G 1 variant  
**Drain valve:** Semi-automatic  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop Δp = 1 bar



**Note:** Further information on request

**Ordering information:** Filter regulators with bowl guard and metal bowl are also available with control ranges of 0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar. Please ask for more information. Lockable filter regulators available on request.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 70	G 1/4	0.1 - 3 bar	1500	47,8	192.1 mm	67,0	125,1	6	1
K-07 25 19 40	G 1/4	0.2 - 6 bar	1500	47,8	192.1 mm	67,0	125,1	6	
K-07 25 00 69	G 1/4	0.5 - 10 bar	1500	47,8	192.1 mm	67,0	125,1	6	1
K-07 25 19 39	G 1/4	0.5 - 16 bar	1500	47,8	192.1 mm	67,0	125,1	6	
K-07 25 00 74	G 3/8	0.1 - 3 bar	1500	47,8	192.1 mm	67,0	125,1	10	1
K-07 25 19 42	G 3/8	0.2 - 6 bar	1500	47,8	192.1 mm	67,0	125,1	10	
K-07 25 00 73	G 3/8	0.5 - 10 bar	1500	47,8	192.1 mm	67,0	125,1	10	1
K-07 25 19 41	G 3/8	0.5 - 16 bar	1500	47,8	192.1 mm	67,0	125,1	10	
K-07 25 00 78	G 1/2	0.1 - 3 bar	3500	68,8	246.3 mm	99,0	147,3	15	2
K-07 25 19 44	G 1/2	0.2 - 6 bar	3500	68,8	246.3 mm	99,0	147,3	15	

**K-FI REGL PC-BEHAEL MANO MULTIFIX**

(Continued)

## Filter regulators with polycarbonate bowl and pressure gauge

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 77	G 1/2	0.5 - 10 bar	3500	68,8	246.3 mm	99,0	147,3	15	2
K-07 25 19 43	G 1/2	0.5 - 16 bar	3500	68,8	246.3 mm	99,0	147,3	15	
K-07 25 00 82	G 3/4	0.1 - 3 bar	3500	68,8	246.3 mm	99,0	147,3	20	2
K-07 25 19 46	G 3/4	0.2 - 6 bar	3500	68,8	246.3 mm	99,0	147,3	20	
K-07 25 00 81	G 3/4	0.5 - 10 bar	3500	68,8	246.3 mm	99,0	147,3	20	2
K-07 25 19 45	G 3/4	0.5 - 16 bar	3500	68,8	246.3 mm	99,0	147,3	20	
K-07 25 00 86	G 1	0.1 - 3 bar	12000	100,0	381.8 mm	128,0	253,8	25	3
K-07 25 19 48	G 1	0.2 - 6 bar	12000	100,0	381.8 mm	128,0	253,8	25	
K-07 25 00 85	G 1	0.5 - 10 bar	12000	100,0	381.8 mm	128,0	253,8	25	3
K-07 25 19 47	G 1	0.5 - 16 bar	12000	100,0	381.8 mm	128,0	253,8	25	



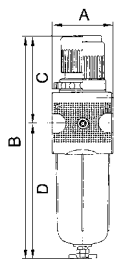
Web: <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELMANOMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI REGL PC-BEHAEL S MANO MULTIFIX**

## Filter regulators with polycarbonate bowl, bowl guard and pressure gauge



Reversible diaphragm pressure regulators, independent of inlet pressure, with secondary ventilation, in combination with a centrifugal separator. The pressure setting can be locked by pressing in the handwheel.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (C55: 40 µm)
- Sealant:** NBR
- Spring bonnet:** POM-brass
- Housing:** Die-cast zinc, Aluminium for G 1 variant
- Drain valve:** Semi-automatic
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Filter regulators with bowl guard and metal bowl are also available with control ranges of 0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar. Please ask for more information. Lockable filter regulators available on request.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 67	G 1/4	0.5 - 10 bar	1500	47,8	192.1 mm	67,0	125,1	6	1
K-07 25 00 71	G 3/8	0.5 - 10 bar	1500	47,8	192.1 mm	67,0	125,1	10	1
K-07 25 00 75	G 1/2	0.5 - 10 bar	3500	68,8	246.3 mm	99,0	147,3	15	2



(Continued)

## K-FI REGL PC-BEHAEL S MANO MULTIFIX

Filter regulators with polycarbonate bowl, bowl guard and pressure gauge

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 79	G 3/4	0.5 - 10 bar	3500	68,8	246.3 mm	99,0	147,3	20	2
K-07 25 00 83	G 1	0.5 - 10 bar	12000	100,0	381.8 mm	128,0	253,8	25	3



Web: <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELSMANOMULTIFIX>

## Spare parts:

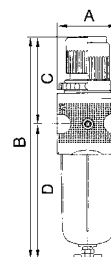
- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

## K-FI REGL METALLBEHAEL S MANO MULTIF

Filter regulators with metal bowl and sight glass, incl. pressure gauge

Reversible diaphragm pressure regulators, independent of inlet pressure, with secondary ventilation, in combination with a centrifugal separator. The pressure setting can be locked by pressing in the handwheel.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (C55: 40 µm)
- Sealant:** NBR
- Spring bonnet:** POM-brass
- Housing:** Die-cast zinc, Aluminium for G 1 variant
- Drain valve:** Semi-automatic
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Filter regulators with bowl guard and metal bowl are also available with control ranges of 0.1 - 3 bar, 0.2 - 6 bar and 0.5 - 16 bar. Please ask for more information. Lockable filter regulators available on request.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 68	G 1/4	0.5 - 10 bar	1500	47,8	192,0 mm	67,0	125,5	6	1
K-07 25 00 72	G 3/8	0.5 - 10 bar	1500	47,8	192,0 mm	67,0	125,5	10	1
K-07 25 00 76	G 1/2	0.5 - 10 bar	3500	68,8	246.0 mm	99,0	149,2	15	2



**K-FI REGL METALLBEHAE S MANO MULTIF**

(Continued)

Filter regulators with metal bowl and sight glass, incl. pressure gauge

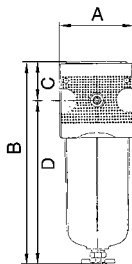
Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 80	G 3/4	0.5 - 10 bar	3500	68,8	246.0 mm	99,0	149,2	20	2
K-07 25 00 84	G 1	0.5 - 10 bar	12000	100,0	385.0 mm	128,0	255,7	25	3

Web: <http://cat.hansa-flex.com/en/KFIREGLMETALLBEHAESMANOMULTIF>**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI PC-BEHAELTER MULTIFIX**

Filters with polycarbonate bowl



Centrifugal separators with a sintered filter element.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (BG 1 / BG 2), 40 µm (BG 3)
- Housing:** Die-cast zinc, Aluminium for G 1 variant
- Drain valve:** Semi-automatic
- Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

Note: Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 46	G 1/4	2100	47,8	152.1 mm	27,0	125,1	6	1
K-07 25 00 49	G 3/8	2100	47,8	152.1 mm	27,0	125,1	10	1
K-07 25 00 52	G 1/2	4000	68,8	181.8 mm	34,5	147,3	15	2
K-07 25 00 55	G 3/4	4000	68,8	181.8 mm	34,5	147,3	20	2
K-07 25 00 58	G 1	8000	100,0	305.8 mm	52,0	253,8	25	3

Web: <http://cat.hansa-flex.com/en/KFIPPCBEHAELTERMULTIFIX>**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

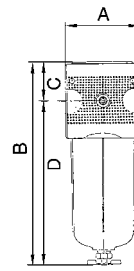


**K-FI PC-BEHAELTER SCHUTZK MULTIFIX**

## Filters with polycarbonate bowl and bowl guard

Centrifugal separators with a sintered filter element.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Pore size in filter element:** 5 µm (BG 1 / BG 2), 40 µm (BG 3)  
**Housing:** Die-cast zinc, Aluminium for G 1 variant  
**Drain valve:** Semi-automatic  
**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K- 07 25 00 48	G 1/4	2100	47,8	152.1 mm	27,0	125,1	6	1
K- 07 25 00 51	G 3/8	2100	47,8	152.1 mm	27,0	125,1	10	1
K- 07 25 00 54	G 1/2	4000	68,8	181.8 mm	34,5	147,3	15	2
K- 07 25 00 57	G 3/4	4000	68,8	181.8 mm	34,5	147,3	20	2
K- 07 25 00 60	G 1	8000	100,0	305.8 mm	52,0	253,8	25	3



**Web:** <http://cat.hansa-flex.com/en/KFIPCBEAELTERSCHUTZKMULTIFIX>

**Spare parts:**

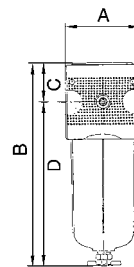
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI METALLBEHAELTER SICHT MULTIFIX**

## Filters with metal bowl and sight glass

Centrifugal separators with a sintered filter element.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Pore size in filter element:** 5 µm (BG 1 / BG 2), 40 µm (BG 3)  
**Housing:** Die-cast zinc, Aluminium for G 1 variant  
**Drain valve:** Semi-automatic  
**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K- 07 25 00 47	G 1/4	2100	47,8	152.5 mm	27,0	125,5	6	1
K- 07 25 00 50	G 3/8	2100	47,8	152.5 mm	27,0	125,5	10	1
K- 07 25 00 53	G 1/2	4000	68,8	183.7 mm	34,5	149,2	15	2



**K-FI METALLBEHAELTER SICHT MULTIFIX**

(Continued)

## Filters with metal bowl and sight glass

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 56	G 3/4	4000	68,8	183.7 mm	34,5	149,2	20	2
K-07 25 00 59	G 1	8000	100,0	307.7 mm	52,0	255,7	25	3



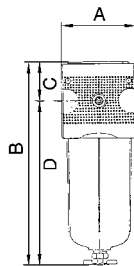
**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELTERSICHTMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-VORFILTER PC-BEHAELTER MULTIFIX**

## Pre-filters with polycarbonate bowl



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,30 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Paper-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FV at P1 = 6 bar and $\Delta p = 0.02$ bar

**Note:** \* = Dimensions with adapter plate! Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 68	G 1/4	160	47,8	152.1 mm	27,0	125,1	6
K-07 25 10 71	G 1/2	500	68,8	180.8 mm (185.8 mm)*	72,0	147,3	15



**Web:** <http://cat.hansa-flex.com/en/KVORFILTERPCBEHAELTERMULTIFIX>

**Spare parts:**

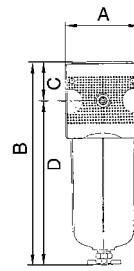
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

**K-VORFILTER PC-BEHAEL SCHUTZ MUTIFI**

## Pre-filters with polycarbonate bowl and bowl guard

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

**Input pressure:** Max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Filter rating:** 0,30 µm  
**Efficiency:** 99.999 %  
**Sealant:** NBR  
**Filter insert:** Paper-POM  
**Housing:** Die-cast zinc  
**Drain valve:** Semi-automatic  
**Flow rate measurement:** FV at P1 = 6 bar and  $\Delta p = 0.02$  bar



**Note:** \* = Dimensions with adapter plate! Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 70	G 1/4	160	47,8	152.1 mm	27,0	125,1	6
K-07 25 10 73	G 1/2	500	68,8	180.8 mm (185.8 mm)*	72,0	147,3	15



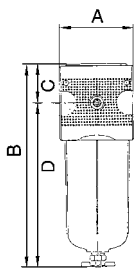
**Web:** <http://cat.hansa-flex.com/en/KVORFILTERPCBEHAELSCHUTZMUTIFI>

**Spare parts:**

K-HALTERBAUSATZ MULTIFIX - Holder  
 K-KOPPELPAKET MEHR - Coupling packet  
 K-KOPPELPAKET SCHMA - Coupling packet  
 K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
 K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter  
 K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

**K-VORFILTER METALLBEHAEL MULTIFIX**

Pre-filters with metal bowl



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,30 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Paper-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FV at P1 = 6 bar and $\Delta p = 0.02$ bar

**Note:** \* = Dimensions with adapter plate! Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 10 69	G 1/4	160	47,8	152,5 mm	27,0	125,5	6
K-07 25 10 72	G 1/2	500	68,8	182,7 mm (187,7 mm)*	72,0	149,2	15



**Web:** <http://cat.hansa-flex.com/en/KVORFILTERMETALLBEHAELMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

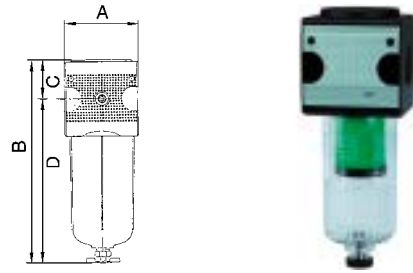
**K-FI MIKRO PC-BEHAELTER MULTIFIX**

## Micro-filters with polycarbonate bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

**Input pressure:** Max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Filter rating:** 0,01 µm  
**Efficiency:** 99.999 %  
**Sealant:** NBR  
**Filter insert:** Borosilicate-POM  
**Housing:** Die-cast zinc  
**Drain valve:** Semi-automatic  
**Flow rate measurement:** FM at P1 = 6 bar and  $\Delta p = 0.09$  bar

**Note:** \* = Dimensions with adapter plate! Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 58	G 1/4	280	47,8	152.1 mm	27,0	125,1	6	1
K-07 25 10 61	G 1/2	720	68,8	180.8 mm (185.8 mm)*	72,0	147,3	15	2



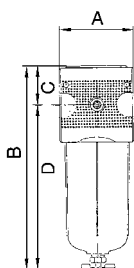
**Web:** <http://cat.hansa-flex.com/en/KFIMIKROPCBEHAELTERMULTIFIX>

**Spare parts:**

K-HALTERBAUSATZ MULTIFIX - Holder  
 K-KOPPELPAKET MEHR - Coupling packet  
 K-KOPPELPAKET SCHMA - Coupling packet  
 K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
 K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter  
 K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

**K-FI MIKRO PC-BEHAEL SCHU MULTIFIX**

Micro-filters with polycarbonate bowl and bowl guard



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Filter rating:</b>	0,01 µm
<b>Efficiency:</b>	99.999 %
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Borosilicate-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	FM at P1 = 6 bar and $\Delta p = 0.09$ bar

**Note:** \* = Dimensions with adapter plate! Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 60	G 1/4	280	47,8	152.1 mm	27,0	125,1	6	1
K-07 25 10 63	G 1/2	720	68,8	180.8 mm (185.8 mm)*	72,0	147,3	15	2



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROPCBEHAELSCHUMULTIFIX>

**Spare parts:**

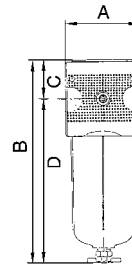
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

**K-FI MIKRO METALLBEHAELTER MULTIFIX**

## Micro-filters with metal bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

**Input pressure:** Max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Filter rating:** 0,01 µm  
**Efficiency:** 99.999 %  
**Sealant:** NBR  
**Filter insert:** Borosilicate-POM  
**Housing:** Die-cast zinc  
**Drain valve:** Semi-automatic  
**Flow rate measurement:** FM at P1 = 6 bar and  $\Delta p = 0.09$  bar



**Note:** \* = Dimensions with adapter plate! Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 59	G 1/4	280	47,8	152.5 mm	27,0	125,5	6	1
K-07 25 10 62	G 1/2	720	68,8	182.7 mm (187.7 mm)*	72,0	149,2	15	2



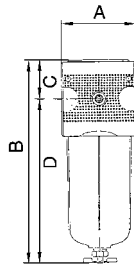
**Web:** <http://cat.hansa-flex.com/en/KFIMIKROMETALLBEHAELTERMULTIFIX>

**Spare parts:**

K-HALTERBAUSATZ MULTIFIX - Holder  
 K-KOPPELPAKET MEHR - Coupling packet  
 K-KOPPELPAKET SCHMA - Coupling packet  
 K-AUTOMAT ABLASSVENTIL - Automatic drain valve  
 K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter  
 K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

**K-FI AK KOH POLYCARBONATBE MULTIFIX**

## Activated carbon filters with polycarbonate bowl



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Activated carbon-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup>
<b>Flow rate measurement:</b>	FA at P1 = 6 bar and $\Delta p = 0.2$ bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 48	G 1/4	380	47,8	136.8 mm	27,0	109,8	6	1
K-07 25 10 51	G 1/2	1500	68,8	166.6 mm	34,5	132,1	15	2



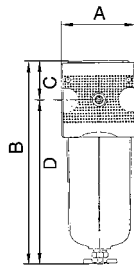
**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPOLYCARBONATBEMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

**K-FI AK KOH PC-BEHAEL S MULTIFIX**

## Activated carbon filters with polycarbonate bowl and bowl guard



Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Activated carbon-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup>
<b>Flow rate measurement:</b>	FA at P1 = 6 bar and $\Delta p = 0.2$ bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 10 50	G 1/4	380	47,8	136.8 mm	27,0	109,8	6	1
K-07 25 10 53	G 1/2	1500	68,8	167.0 mm	34,5	132,5	15	2



**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPCEHAELSMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler



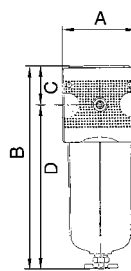
**K-FI AK KOH METALLBEHAEL MULTIFIX**

## Activated carbon filters with metal bowl

Micro-filters for compliance with strict compressed air purity requirements. Suitable for all applications where standard filters do not afford the desired efficiency.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Filter insert:</b>	Activated carbon-POM
<b>Housing:</b>	Die-cast zinc
<b>Drain valve:</b>	Semi-automatic
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup>
<b>Flow rate measurement:</b>	FA at P1 = 6 bar and $\Delta p = 0.2$ bar

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K- 07 25 10 49	G 1/4	380	47,8	137.0 mm	27,0	110,0	6	1
K- 07 25 10 52	G 1/2	1500	68,8	168.2 mm	34,5	133,7	15	2



**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHEMETALLBEHAELMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler

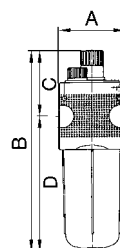
**K-NEBELOELER PC-BEHAELTER MULTIFIX**

## Oil-mist lubricators with polycarbonate bowl

Proportional lubricators, oil can be filled under pressure.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Manual
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K- 07 25 00 91	G 1/4	1900	47,8	167.8 mm	58,0	109,8	6	1
K- 07 25 00 94	G 3/8	1900	47,8	167.8 mm	58,0	109,8	10	1
K- 07 25 00 97	G 1/2	5000	68,8	198.2 mm	66,1	132,1	15	2

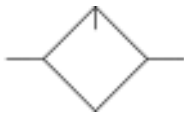


**K-NEBELOELER PC-BEHAELTER MULTIFIX**

(Continued)

## Oil-mist lubricators with polycarbonate bowl

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 01 00	G 3/4	5000	68,8	198.2 mm	66,1	132,1	20	2
K-07 25 01 03	G 1	18000	100,0	324.3 mm	82,7	241,6	25	3



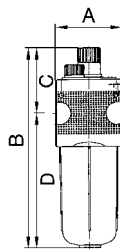
Web: <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELTERMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-NEBELOELER PC-BEHAEL S MULTIFIX**

## Oil-mist lubricators with polycarbonate bowl and bowl guard



Proportional lubricators, oil can be filled under pressure.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 60 °C

**Sealant:** NBR

**Housing:** Die-cast zinc, Aluminium for G 1 variant

**Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)

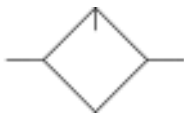
**Drain valve:** Manual

**Oil grade:** CL 32 acc. to DIN 51517 - ISO VG 32

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K-07 25 00 93	G 1/4	1900	47,8	167.8 mm	58,0	109,8	6	1
K-07 25 00 96	G 3/8	1900	47,8	167.8 mm	58,0	109,8	10	1
K-07 25 00 99	G 1/2	5000	68,8	198.6 mm	66,1	132,5	15	2
K-07 25 01 02	G 3/4	5000	68,8	198.6 mm	66,1	132,5	20	2
K-07 25 01 05	G 1	18000	100,0	324.3 mm	82,7	241,6	25	3



Web: <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELSMULTIFIX>

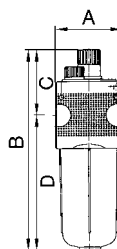
**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-NEBELOEL METALLBEHAE S T MULTIFIX****Oil-mist lubricators with metal bowl and sight glass, metal sight dome**

Proportional lubricators, oil can be filled under pressure.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Manual
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	DN	Size
K- 07 25 00 92	G 1/4	1900	47,8	181.3 mm	71,3	110,0	6	1
K- 07 25 00 95	G 3/8	1900	47,8	181.3 mm	71,3	110,0	10	1
K- 07 25 00 98	G 1/2	5000	68,8	213.0 mm	79,3	133,7	15	2
K- 07 25 01 01	G 3/4	5000	68,8	213.0 mm	79,3	133,7	20	2
K- 07 25 01 04	G 1	18000	100,0	322.9 mm	82,7	240,2	25	3



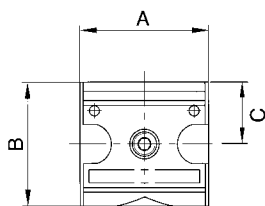
**Web:** <http://cat.hansa-flex.com/en/KNEBELOELMETALLBEHAESTMULTIFIX>

**Spare parts:**

- K-HALTERBAUSATZ MULTIFIX - Holder
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-METALLBEHAELTER OELER MULTIFIX - Metal tank oiler
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO 1 - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-VT SCHMAL MULTIFIX**

## Manifolds - narrow design

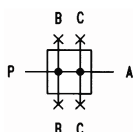


Wide or narrow, four-way manifolds.

**Input pressure:** Max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Sealant:** NBR  
**Housing:** Die-cast zinc  
**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Flow rate l/min at P A Further information on request

Identification	Outlets	Thread	Flow rate L/min	A mm	B mm	C mm
K-07 25 11 82	3 x 1/4, 1 x 1/8	G 1/4	3300	34,8	52,0 mm	26,0
K-07 25 11 83	1 x 3/8, 2 x 1/4, 1 x 1/8	G 1/2	11000	38,8	67,0 mm	33,5



**Web:** <http://cat.hansa-flex.com/en/KVTSCHMALMULTIFIX>

**Spare parts:**

K-KOPPELPAKET MEHR - Coupling packet

K-KOPPELPAKET SCHMA - Coupling packet

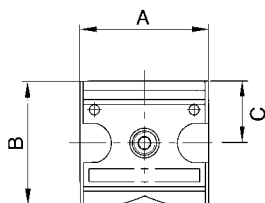
**Accessories:**

K-DRS WECHSELKONTAK ANFLANSCHBAR DS - Pressure switches, changeover type, suitable for flange mounting K-07302861

K-ZUBEH HANSA - Accessories for pressure switch HANSA

**K-VT BREIT MULTIFIX**

## Manifolds - wide design

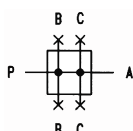


Wide or narrow, four-way manifolds.

**Input pressure:** Max. 16 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Sealant:** NBR  
**Housing:** Die-cast zinc  
**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Flow rate l/min at P A Further information on request

Identification	Outlets	Thread	Flow rate L/min	A mm	B mm	C mm	Size
K-07 25 11 73	4 x 1/4	G 1/4	2500	47,8	52,0 mm	26,0	1
K-07 25 11 74	4 x 1/4	G 3/8	2500	47,8	52,0 mm	26,0	1
K-07 25 11 75	2 x 1/4, 2 x 1/2	G 1/2	11000	68,8	67,0 mm	33,5	2
K-07 25 11 76	2 x 1/4, 2 x 1/2	G 3/4	11000	68,8	67,0 mm	33,5	2



**Web:** <http://cat.hansa-flex.com/en/KVTBREITMULTIFIX>

**Spare parts:**

K-KOPPELPAKET MEHR - Coupling packet

K-KOPPELPAKET SCHMA - Coupling packet

**Accessories:**

K-DRS WECHSELKONTAK ANFLANSCHBAR DS - Pressure switches, changeover type, suitable for flange mounting K-07302861

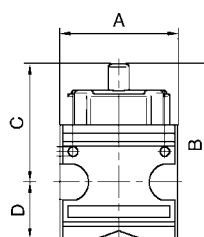
K-ZUBEH HANSA - Accessories for pressure switch HANSA

## K-3/2-BKR MULTIFIX

## Ball valves

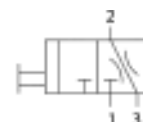
Rotary switch can be turned 90°, lockable, with relief port

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Operation:</b>	Twist knob, rotatable 90°
<b>Vent port:</b>	Silencer G 1/4 (K-07251158, K-07251159), G 1/2 (K-07251160, K-07251161, K-07251950)
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, Aluminium for G 1 variant
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A	B	C	D	Size
			mm	mm	mm	mm	
K-07 25 11 58	G 1/4	2800	47,8	81.4 mm	55,4	26,0	1
K-07 25 11 59	G 3/8	2800	47,8	81.4 mm	55,4	26,0	1
K-07 25 11 60	G 1/2	11000	68,8	102.6 mm	69,1	33,5	2
K-07 25 11 61	G 3/4	11000	68,8	102.6 mm	69,1	33,5	2
K-07 25 19 50	G 1	25000	82,8	133.5 mm	83,0	50,5	3



**Web:** <http://cat.hansa-flex.com/en/K32BKRMULTIFIX>

**Spare parts:**

K-KOPPELPAKET MEHR - Coupling packet  
K-KOPPELPAKET SCHMA - Coupling packet  
K-HALTERBAUSATZ MULTIFIX - Holder

**Accessories:**

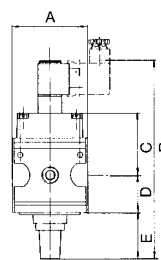
K-SCHALLDAE SINTERBR GE MS1 - Silencers, sintered bronze, with brass hexagon nut and brass thread

## K-SCHALTVENTILE 3/2 MULTIFIX

## On-off valves (3/2-way valves)

Pneumatic systems or parts of systems can be switched on and off by means of an electrical signal. When they are switched off, the system is relieved at the same time.

<b>Input pressure:</b>	Min. 2 bar, max. 10 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Electrical connection:</b>	Device plug PG 9, type B, EN 175301-803
<b>Protection IP:</b>	IP 65 (P 54) acc. to DIN 40050
<b>cyclic duration relative:</b>	100 %
<b>Vent port:</b>	Silencer G 1/4
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>Note:</b>	Further information on request



**Ordering information:** On-off valves are also available in a pneumatically operated version. Please ask for more information.

Identification	Thread	Flow rate L/min	Solenoid	A	B	C	D	E	Size
				mm	mm	mm	mm	mm	
K-07 25 11 65	G 1/4	900	24 V AC, 50 Hz	47,8	138.7 mm	43,7	26,0	17,5	1
K-07 25 11 66	G 1/4	900	230 V AC, 50 Hz	47,8	138.7 mm	43,7	26,0	17,5	1
K-07 25 11 67	G 1/4	900	110 V AC, 50 Hz	47,8	138.7 mm	43,7	26,0	17,5	1
K-07 25 11 68	G 1/4	900	24 V DC	47,8	138.7 mm	43,7	26,0	17,5	1
K-07 25 11 69	G 1/2	4000	24 V AC, 50 Hz / 12 V DC	68,8	185.0 mm	56,2	33,5	44,1	2
K-07 25 11 70	G 1/2	4000	230 V AC, 50 Hz	68,8	185.0 mm	56,2	33,5	44,1	2

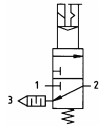


**K-SCHALTVENTILE 3/2 MULTIFIX**

(Continued)

## On-off valves (3/2-way valves)

Identification	Thread	Flow rate L/min	Solenoid	A mm	B	C mm	D mm	E mm	Size
K-07 25 11 71	G 1/2	4000	110 V AC, 50 Hz	68,8	185.0 mm	56,2	33,5	44,1	2
K-07 25 11 72	G 1/2	4000	24 V DC	68,8	185.0 mm	56,2	33,5	44,1	2



Web: <http://cat.hansa-flex.com/en/KSCHALTVENTILE32MULTIFIX>

## Spare parts:

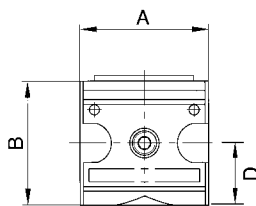
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet
- K-GERAETESTECKER - Coupling socket
- K-HALTERBAUSATZ MULTIFIX - Holder
- K-MAGNETSPULE MULTIFIX - Solenoid
- K-WV 3/2 VORSTEU HAND MULTIFIX - 3/2-way valve

## Accessories:

- K-SCHALLDAE SINTERBR GE MS1 - Silencers, sintered bronze, with brass hexagon nut and brass thread

**K-ANFAV MULTIFIX**

## Start-up valves

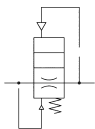


Seat valves operated by secondary pressure for controlled pressurisation of pneumatic systems. The full cross-section of the regulator is opened at 50% of the input pressure. The filling time can be altered by turning the adjusting screw.

- Input pressure:** Min. 2 bar, max. 16 bar
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Sealant:** NBR
- Housing:** Die-cast zinc, Aluminium for G 3/4 and G 1 variant
- Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

Note: Further information on request

Identification	Thread	Flow rate L/min	A mm	B	D mm
K-07 25 11 54	G 1/4	1000	47,8	54.2 mm	26,8
K-07 25 11 55	G 1/2	4000	68,8	71.6 mm	35,1
K-07 25 19 34	G 3/4	12000	99,7	104.0 mm	52,0
K-07 25 19 35	G 1	12000	99,7	104.0 mm	52,0



Web: <http://cat.hansa-flex.com/en/KANFAVMULTIFIX>

## Spare parts:

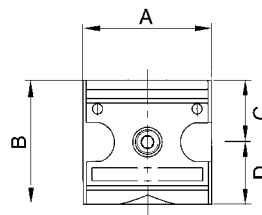
- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet

### K-RD MULTIFIX

#### Non-return valves

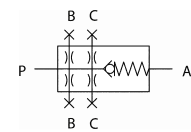
Spring-loaded seat valves.

- Input pressure:** Max. 16 bar
- Media temperature:** max. 50 °C
- Ambient temperature:** Max. 50 °C
- Sealant:** NBR
- Housing:** Die-cast zinc
- Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar
- Opening pressure:** Min. 0.1 bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 11 77	G 1/4	700	47,8	52.0 mm	26,0	26,0	1
K-07 25 11 78	G 3/8	700	47,8	52.0 mm	26,0	26,0	1
K-07 25 11 79	G 1/2	6000	68,8	67.0 mm	33,5	33,5	2
K-07 25 11 80	G 3/4	6000	68,8	67.0 mm	33,5	33,5	2





**Web:** <http://cat.hansa-flex.com/en/KRDMULTIFIX>

**Spare parts:**

- K-KOPPELPAKET MEHR - Coupling packet
- K-KOPPELPAKET SCHMA - Coupling packet

### K-PC-BEHAELTER OELER MULTIFIX



#### Polycarbonate tank oiler

Identification	Circuit diagram	Description	Size
K-07 25 01 61		Polycarbonate bowl for lubricator	1
K-07 25 01 64		Polycarbonate bowl for lubricator	2+3

**Web:** <http://cat.hansa-flex.com/en/KPCBEHAELTEROELERMULTIFIX>

### K-SCHUTZKORB MULTIFIX






#### Protective cage multifix

Identification	Circuit diagram	Description	Size
K-07 25 01 84		Protective cage	1
K-07 25 01 85		Protective cage	2

**Web:** <http://cat.hansa-flex.com/en/KSCHUTZKORBMULTIFIX>

**K-FILTERELEMENT SPEZIAL AKTIV**

## Filter element f. Special activated carbon filter

Identification	Circuit diagram	Description	Size
K-07 25 18 21		Filter element (activated carbon)	
K-07 25 18 22		Filter element (activated carbon)	
K-07 25 01 49		Filter element (activated carbon POM)	
K-07 25 01 50		Activated carbon element (body from aluminium)	2
K-07 25 01 47		Filter element (activated carbon POM)	
K-07 25 01 48		Filter element (activated carbon POM)	1

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENTSPEZIALAKTIV>

**K-METALLBEHAELTER FILTER MULTIFIX**

## Metal tank filter

Identification	Circuit diagram	Description
K-07 25 01 72		Metal bowl with sight glass for filter
K-07 25 01 73		Metal bowl with sight glass and automatic draining for filter
K-07 25 01 69		Metal bowl with sight glass for filter
K-07 25 01 70		Metal bowl with sight glass and automatic draining for filter

**Web:** <http://cat.hansa-flex.com/en/KMETALLBEHAELTERFILTERMULTIFIX>



**K-ANSCHLUSSPLATTE MULTIFIX**

Mounting plate »multifix«

connection plate



Identification	Description
K- 07 25 19 38	connection plate

**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSPLATTEMULTIFIX>

**K-VERSCHLEI-SATZ MULTIFIX**

Set of wearing parts »multifix«



Identification	Description
K- 07 25 19 74	Set of wearing parts for K-07251958
K- 07 25 19 73	Set of wearing parts for K-07251957
K- 07 25 19 72	Set of wearing parts for K-07251956

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLEISATZMULTIFIX>

**K-KOPPELPAKET SCHMA**

Coupling packet

Coupling packet



Identification	Description	Size
K- 07 25 01 54	Coupling packet for narrow manifolds	1
K- 07 25 01 56	Coupling packet for narrow manifolds	2



**Web:** <http://cat.hansa-flex.com/en/KKOPPELPAKETSCHMA>

## K-SCHALTTAFELMUTTER

### Nut

Nut M30x1.5



Identification	Description	Size
K-07 25 01 77	Nut M30x1.5	0-1
K-07 25 01 78	Nut M50x1.5	2

Web: <http://cat.hansa-flex.com/en/KSCHALTTAFELMUTTER>

## K-HALTERBAUSATZ MULTIFIX

### Holder

Holder



Identification	Description	Size
K-07 25 01 92	Mounting bracket with 2 screws	3
K-07 25 01 91	Mounting bracket with 2 screws	2
K-07 25 01 90	Mounting bracket with 2 screws	1



Web: <http://cat.hansa-flex.com/en/KHALTERBAUSATZMULTIFIX>

**K-KOPPELPAKET MEHR**

**Coupling packet**

Coupler pack for modular assembly of several devices



Identification	Description	Size
K- 07 25 01 55	Coupler pack for modular assembly of several devices	2
K- 07 25 01 57	Coupler pack for modular assembly of several devices	3
K- 07 25 01 52	Coupler pack for modular assembly of several devices	0
K- 07 25 01 53	Coupler pack for modular assembly of several devices	1



**Web:** <http://cat.hansa-flex.com/en/KKOPPELPAKETMEHR>

**K-VERSCHLEI-SATZ**

**Set of wearing parts**

Identification	Circuit diagram	Description	Size
K- 07 25 19 01		Set of wearing parts for pressure regulators/filter regulators	3
K- 07 25 18 98		Set of wearing parts for pressure regulators/filter regulators	2
K- 07 25 18 96		Set of wearing parts for pressure regulators/filter regulators	1
K- 07 25 18 93		Set of wearing parts for pressure regulators/filter regulators	
K- 07 25 12 85		Set of wearing parts for K-KONSTANT DRUCKREGLER (1" and 3/4")	
K- 07 25 12 84		Set of wearing parts for K-WTEH KOMBI PC-BEHAELTER S H ABLV (1/2", 3/8" and 1/4")	
K- 07 25 12 83		Set of wearing parts for K-KONSTANT DRUCKREGLER (1 1/2" and 1 1/4")	
K- 07 25 12 82		Set of wearing parts for K-KONSTANT DRUCKREGLER (1" and 3/4")	
K- 07 25 12 81		Set of wearing parts for K-KONSTANT DRUCKREGLER (1/2" and 3/8")	

**K-VERSCHLEI-SATZ**

(Continued)

## Set of wearing parts






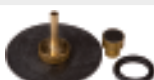






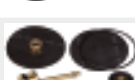





Identification	Circuit diagram	Description	Size
K-07 25 12 80		Set of wearing parts for K-KONSTANT DRUCKREGLER STANDARD 1 (1/4" and 3/8")	
K-07 25 12 79		Set of wearing parts for K-GROSSDRUCKREGLER	
K-07 25 12 78		Set of wearing parts for K-PRAEZISIONSFILTERREGLER	
K-07 25 12 77		Set of wearing parts for K-FI REGL PC-BEHAEL S H ABL STANDAR (1" und 3/4")	
K-07 25 12 76		Set of wearing parts for K-FI REGL PC-BEHAEL S H ABL STANDAR (1/2")	
K-07 25 12 75		Set of wearing parts for K-DRG VORDRUCK STANDARD (1/2")	
K-07 25 12 74		Set of wearing parts for K-HOCHLEIST DRUCKREGLER	
K-07 25 12 73		Set of wearing parts for K-DRG VORDRUCK STANDARD (1/4" and 3/8")	
K-07 25 12 72		Set of wearing parts for K-DRG VORDRUCK STANDARD (1 1/4" and 1 1/2")	
K-07 25 12 71		Set of wearing parts for K-FI REGL PC-BEHAEL S H ABL STANDAR (3/8")	
K-07 25 12 70		Set of wearing parts for K-FI REGL H ABLV VA (1/4")	
K-07 25 12 69		Set of wearing parts for K-FI VA (1/4")	
K-07 25 12 68		Set of wearing parts for K-FI REGL H ABLV VA (1/2")	
K-07 25 12 67		Set of wearing parts for K-FI VA (1/2")	
K-07 25 12 66		Set of wearing parts with PTFE diaphragm (K-07250210)	
K-07 25 12 65		Set of wearing parts with PTFE diaphragm (K-07250208)	
K-07 25 12 64		Set of wearing parts for K-DRG RÜCKSTEUERBAR M MANO VA (1/4")	
K-07 25 12 63		Set of wearing parts for K-DRG RÜCKSTEUERBAR M MANO VA (1/2")	



(Continued)

**K-VERSCHLEI-SATZ**

## Set of wearing parts

Identification	Circuit diagram	Description	Size
K-07 25 12 62		Set of wearing parts for K-FI REGL PC-BEHAEL S H ABL STANDAR (1/4" and 3/8")	
K-07 25 12 61		Set of wearing parts for K-FI REGL METALLBE MANO STANDARD-MI	
K-07 25 12 60		Set of wearing parts for K-DBV MANO (1/4")	
K-07 25 12 59		Set of wearing parts for K-DRG MEMBRAN O SEKUNDAERENTL MANO	
K-07 25 12 58		Set of wearing parts for K-DRG VORDRUCK STANDARD-MINI	
K-07 25 12 57		Set of wearing parts for K-DRG STANDARD-MINI	
K-07 25 12 56		Set of wearing parts for K-DRG DRV 225 HOCHDRUCK (1 1/4")	
K-07 25 12 55		Set of wearing parts for K-DRG DRV 225 HOCHDRUCK (1")	
K-07 25 12 54		Set of wearing parts for K-DRG DRV 225 HOCHDRUCK (3/4")	
K-07 25 12 53		Set of wearing parts for K-DRG DRV 225 HOCHDRUCK (1/2")	
K-07 25 12 52		Set of wearing parts for K-DRG DRV 225 HOCHDRUCK (3/8")	
K-07 25 12 51		Set of wearing parts for K-DRG DRV 225 HOCHDRUCK (1/4")	
K-07 25 12 50		Set of wearing parts for K-FI REGL PC-BEHAEL S MANO MULTIFIX (1")	
K-07 25 12 49		Set of wearing parts for K-DRG DRV 250 NIEDERDRUCK (1/2")	
K-07 25 12 48		Set of wearing parts for K-DRG DRV 250 NIEDERDRUCK (3/8")	
K-07 25 12 47		Set of wearing parts for K-DRG DRV 250 NIEDERDRUCK (1/4")	
K-07 25 12 46		Set of wearing parts for K-DRG DRV 200 STANDARD (2")	
K-07 25 12 45		Set of wearing parts for K-DRG DRV 200 STANDARD (1 1/2")	



**K-VERSCHLEI-SATZ**

## Set of wearing parts

Identification	Circuit diagram	Description	Size
K-07 25 12 44		Set of wearing parts for K-DRG DRV 200 STANDARD (1 1/4")	
K-07 25 12 43		Set of wearing parts for K-DRG DRV 200 STANDARD (1")	
K-07 25 12 42		Set of wearing parts for K-DRG DRV 200 STANDARD (3/4")	
K-07 25 12 41		Set of wearing parts for K-DRG DRV 200 STANDARD (1/2")	
K-07 25 12 40		Set of wearing parts for K-DRG DRV 200 STANDARD (3/8")	
K-07 25 12 39		Set of wearing parts for K-DRG DRV 200 STANDARD (1/4")	
K-07 25 12 38		Set of wearing parts for K-DRG MULTIFIX (1")	
K-07 25 12 37		Set of wearing parts for K-DRG MULTIFIX (1/2" and 3/4")	
K-07 25 12 36		Set of wearing parts for K-DRG MULTIFIX (1/4" and 3/8")	
K-07 25 12 35		Set of wearing parts for K-DRG MULTIFIX MINI	0
K-07 25 12 34		Set of wearing parts for K-PRAEZI DRUCKREGLER MULTIFIX (1/2")	
K-07 25 12 33		Set of wearing parts for K-PRAEZI DRUCKREGLER MULTIFIX (1/4")	
K-07 25 05 22		Set of wearing parts for K-DRG FLUESSIGE MEDIEN O MANO VA	
K-07 25 05 21		Set of wearing parts for K-DBV MANO (1/2")	

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLEISATZ>

**K-AUTOMAT ABLASSVENTIL**

## Automatic drain valve

Automatic drain valve





Identification	Description
K- 07 25 01 46	Automatic drain valve
K- 07 25 16 14	Automatic drain valve



**Web:** <http://cat.hansa-flex.com/en/KAUTOMATABLASSVENTIL>

**K-METALLBEHAELTER OELER MULTIFIX**





## Metal tank oiler

Identification	Circuit diagram	Description
K- 07 25 01 71		Metal bowl with sight glass for lubricator
K- 07 25 01 74		Metal bowl with sight glass for lubricator

**Web:** <http://cat.hansa-flex.com/en/KMETALLBEHAELTEROELERMULTIFIX>

**K-PC-BEHAELTER FILTER MULTIFIX**

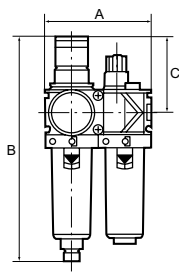
## Polycarbonate tank filter

Identification	Circuit diagram	Description	Size
K- 07 25 01 62		Polycarbonate bowl with automatic draining for filter	2+3
K- 07 25 01 63		Polycarbonate bowl with semi-automatic drainage for filter	2+3
K- 07 25 01 59		Polycarbonate bowl with automatic draining for filter	1
K- 07 25 01 60		Polycarbonate bowl with semi-automatic drainage for filter	1

**Web:** <http://cat.hansa-flex.com/en/KPCBEHAELTERFILTERMULTIFIX>

**K-WTEH 2-TLG PC-BEHAEL VARIOBLOC**

Service units, 2-piece with polycarbonate bowl



Two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Spring bonnet:** POM

**Housing:** Die-cast zinc

**Diaphragm:** NBR

**Dropper:** PA

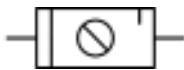
**Drain valve:** Manual

**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Service units are also available with bowl guard or metal bowl. Service units are also available in other control ranges (0.5 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 13 85	G 1/4	0.5 - 10 bar	1500	96,0	203,0 mm	68,0
K-07 25 13 87	G 3/8	0.5 - 10 bar	1800	96,0	203,0 mm	68,0
K-07 25 13 89	G 1/2	0.5 - 10 bar	3400	140,0	273,0 mm	98,0
K-07 25 13 91	G 3/4	0.5 - 10 bar	5000	140,0	273,0 mm	98,0
K-07 25 13 93	G 1	0.5 - 10 bar	5000	194,0	273,0 mm	98,0



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCBEHAELVARIOBLOC>

**Spare parts:**

**K-VERSCHLEI-SATZ VARIOBLOC** - Set of wearing parts

**K-FILTERELEMENT VARIOBLOC** - Filter element

**K-TROPFAUFSATZ VARIOBLOC** - Drip attachment

**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat

**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

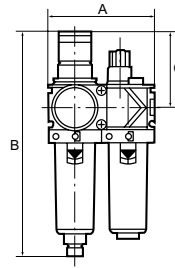
**K-TROPFAUFSATZ METALL** - Drip attachment metal



**K-WTEH 2-TLG PC SCHU VARIOBLOC****Service units, 2-piece with polycarbonate bowl and bowl guard**

Two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

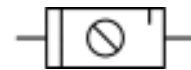
<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 50 °C
<b>Ambient temperature:</b>	Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)
<b>Pore size in filter element:</b>	40 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast zinc
<b>Diaphragm:</b>	NBR
<b>Dropper:</b>	PA
<b>Drain valve:</b>	Manual
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** Service units are also available with bowl guard or metal bowl. Service units are also available in other control ranges (0.5 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 22 81	G 1/4	0.5 - 10 bar	1500	96,0	203,0 mm	68,0
K-07 25 22 80	G 3/8	0.5 - 10 bar	1800	96,0	203,0 mm	68,0
K-07 25 22 79	G 1/2	0.5 - 10 bar	3400	140,0	273,0 mm	98,0
K-07 25 22 78	G 3/4	0.5 - 10 bar	5000	140,0	273,0 mm	98,0
K-07 25 22 77	G 1	0.5 - 10 bar	5000	194,0	273,0 mm	98,0

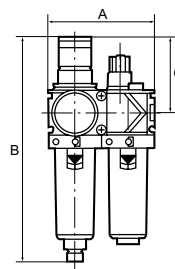


**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCSCHUVARIOBLOC>

**K-WTEH 2-TLG MET SICH TROPF VARIOBL****Service units, 2-piece with metal bowl, incl. sight glass and metal sight dome**

Two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 50 °C
<b>Ambient temperature:</b>	Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)
<b>Pore size in filter element:</b>	40 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast zinc
<b>Diaphragm:</b>	NBR
<b>Dropper:</b>	PA
<b>Drain valve:</b>	Manual
<b>Flow rate measurement:</b>	At P1 = 10 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

**Ordering information:** Service units are also available with bowl guard or metal bowl. Service units are also available in other control ranges (0.5 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 13 86	G 1/4	0.5 - 10 bar	1500	96,0	203,0 mm	68,0



**K-WTEH 2-TLG MET SICH TROPF VARIOBL**

(Continued)

Service units, 2-piece with metal bowl, incl. sight glass and metal sight dome

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 13 88	G 3/8	0.5 - 10 bar	1800	96,0	203,0 mm	68,0
K-07 25 13 90	G 1/2	0.5 - 10 bar	3400	140,0	273,0 mm	98,0
K-07 25 13 92	G 3/4	0.5 - 10 bar	5000	140,0	273,0 mm	98,0
K-07 25 13 94	G 1	0.5 - 10 bar	5000	194,0	273,0 mm	98,0

Web: <http://cat.hansa-flex.com/en/KWTEH2TLGMETSICHTROPFVARIOBL>**Spare parts:**

K-VERSCHLEI-SATZ VARIOBLOC - Set of wearing parts

K-FILTERELEMENT VARIOBLOC - Filter element

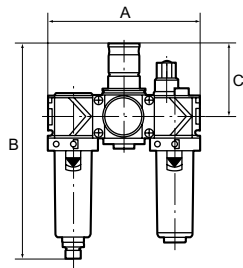
K-ERSATZBEHAELTER VARIOBLOC POLY - Spare tank Polycarbonat

K-TROPFAUFSATZ VARIOBLOC - Drip attachment

K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8

**K-WTEH 3-TLG PC-BEHAEL VARIOBLOC**

Service units, 3-piece with polycarbonate bowl



Two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Spring bonnet:** POM

**Housing:** Die-cast zinc

**Diaphragm:** NBR

**Dropper:** PA

**Drain valve:** Manual

**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Service units are also available with bowl guard or metal bowl. Service units are also available in other control ranges (0.5 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 14 11	G 1/4	0.5 - 10 bar	1500	144,0	201,0 mm	68,0
K-07 25 14 13	G 3/8	0.5 - 10 bar	1800	144,0	201,0 mm	68,0
K-07 25 14 15	G 1/2	0.5 - 10 bar	3400	210,0	247,0 mm	98,0
K-07 25 14 17	G 3/4	0.5 - 10 bar	5000	210,0	247,0 mm	98,0
K-07 25 14 19	G 1	0.5 - 10 bar	5000	264,0	247,0 mm	98,0

Web: <http://cat.hansa-flex.com/en/KWTEH3TLGPCBEHAELVARIOBLOC>**Spare parts:**

K-VERSCHLEI-SATZ VARIOBLOC - Set of wearing parts

K-FILTERELEMENT VARIOBLOC - Filter element

K-TROPFAUFSATZ VARIOBLOC - Drip attachment

K-ERSATZBEHAELTER VARIOBLOC POLY - Spare tank Polycarbonat

K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8

K-TROPFAUFSATZ METALL - Drip attachment metal

**K-WTEH 3-TLG PC SCHU VARIOBLOC****Service units, 3-piece with polycarbonate bowl and bowl guard**

Two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Spring bonnet:** POM

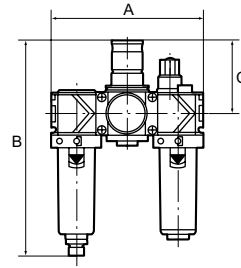
**Housing:** Die-cast zinc

**Diaphragm:** NBR

**Dropper:** PA

**Drain valve:** Manual

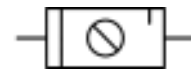
**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Service units are also available with bowl guard or metal bowl. Service units are also available in other control ranges (0.5 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 22 86	G 1/4	0.5 - 10 bar	1500	144,0	201,0 mm	68,0
K-07 25 22 85	G 3/8	0.5 - 10 bar	1800	144,0	201,0 mm	68,0
K-07 25 22 84	G 1/2	0.5 - 10 bar	3400	210,0	247,0 mm	98,0
K-07 25 22 83	G 3/4	0.5 - 10 bar	5000	210,0	247,0 mm	98,0
K-07 25 22 82	G 1	0.5 - 10 bar	5000	264,0	247,0 mm	98,0



**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCSCHUVARIOBLOC>

**K-WTEH 3-TLG MET SICH TROPF VARIOBL****Service units, 3-piece with metal bowl, incl. sight glass and metal sight dome**

Two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Spring bonnet:** POM

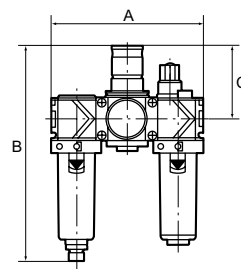
**Housing:** Die-cast zinc

**Diaphragm:** NBR

**Dropper:** PA

**Drain valve:** Manual

**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Service units are also available with bowl guard or metal bowl. Service units are also available in other control ranges (0.5 - 6 bar and 0.5 - 16 bar) and in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 14 12	G 1/4	0.5 - 10 bar	1500	144,0	201,0 mm	68,0



**K-WTEH 3-TLG MET SICH TROPF VARIOBL**

(Continued)

Service units, 3-piece with metal bowl, incl. sight glass and metal sight dome

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 14 14	G 3/8	0.5 - 10 bar	1800	144,0	201,0 mm	68,0
K-07 25 14 16	G 1/2	0.5 - 10 bar	3400	210,0	274.0 mm	98,0
K-07 25 14 18	G 3/4	0.5 - 10 bar	5000	210,0	274.0 mm	98,0
K-07 25 14 20	G 1	0.5 - 10 bar	5000	264,0	274.0 mm	98,0

Web: <http://cat.hansa-flex.com/en/KWTEH3TLGMETSICHTROPFVARIOBL>**Spare parts:**

K-VERSCHLEI-SATZ VARIOBLOC - Set of wearing parts

K-FILTERELEMENT VARIOBLOC - Filter element

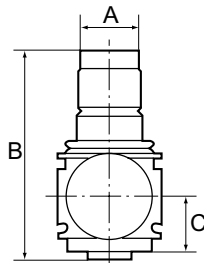
K-ERSATZBEHAELTER VARIOBLOC POLY - Spare tank Polycarbonat

K-TROPFAUFSATZ VARIOBLOC - Drip attachment

K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8

**K-DRG VARIOBLOC**

Pressure regulators



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design. The pressure setting can be locked by pushing the knob down. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 25 bar**Media temperature:** max. 50 °C**Ambient temperature:** Max. 50 °C**Sealant:** NBR**Spring bonnet:** POM**Housing:** Die-cast zinc**Diaphragm:** NBR**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

Note: Further information on request

**Ordering information:** Pressure regulators are also available in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 04 18	G 1/4	0.5 - 6 bar	2000	48,0	98.0 mm	26,0
K-07 25 04 19	G 1/4	0.5 - 10 bar	2000	48,0	98.0 mm	26,0
K-07 25 04 20	G 1/4	0.5 - 16 bar	2000	48,0	98.0 mm	26,0
K-07 25 04 21	G 3/8	0.5 - 6 bar	3200	48,0	98.0 mm	26,0
K-07 25 04 22	G 3/8	0.5 - 10 bar	3200	48,0	98.0 mm	26,0
K-07 25 04 23	G 3/8	0.5 - 16 bar	3200	48,0	98.0 mm	26,0
K-07 25 04 24	G 1/2	0.5 - 6 bar	7000	70,0	134.0 mm	32,5
K-07 25 04 25	G 1/2	0.5 - 10 bar	7000	70,0	134.0 mm	32,5
K-07 25 04 26	G 1/2	0.5 - 16 bar	7000	70,0	134.0 mm	32,5
K-07 25 04 27	G 3/4	0.5 - 6 bar	8000	70,0	134.0 mm	32,5
K-07 25 04 28	G 3/4	0.5 - 10 bar	8000	70,0	134.0 mm	32,5
K-07 25 04 29	G 3/4	0.5 - 16 bar	8000	70,0	134.0 mm	32,5
K-07 25 04 30	G 1	0.5 - 6 bar	8000	124,0	134.0 mm	32,5
K-07 25 04 31	G 1	0.5 - 10 bar	8000	124,0	134.0 mm	32,5
K-07 25 04 32	G 1	0.5 - 16 bar	8000	124,0	134.0 mm	32,5

Web: <http://cat.hansa-flex.com/en/KDRGVARIOBLOC>**Spare parts:**

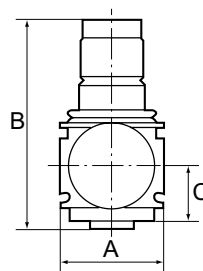
K-VERSCHLEI-SATZ VARIOBLOC - Set of wearing parts

**K-DRG DRVS VARIOBLOC**

## Pressure regulators with pressure supply at both ends

Diaphragm pressure regulators with self-relieving design for mounting side by side. The pressure setting can be locked by pushing the knob down. By assembling two or more controllers together, it is possible to supply several working air circuits with different output pressures via a single supply line.

**Input pressure:** Max. 25 bar  
**Media temperature:** max. 50 °C  
**Ambient temperature:** Max. 50 °C  
**Sealant:** NBR  
**Spring bonnet:** POM-brass  
**Housing:** Die-cast zinc  
**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Pressure regulators are also available in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 04 33	G 1/4	0.5 - 6 bar	1800	48,0	98,0 mm	26,0
K-07 25 04 34	G 1/4	0.5 - 10 bar	1800	48,0	98,0 mm	26,0
K-07 25 04 35	G 1/4	0.5 - 16 bar	1800	48,0	98,0 mm	26,0
K-07 25 04 36	G 3/8	0.5 - 6 bar	1800	48,0	98,0 mm	26,0
K-07 25 04 37	G 3/8	0.5 - 10 bar	1800	48,0	98,0 mm	26,0
K-07 25 04 38	G 3/8	0.5 - 16 bar	1800	48,0	98,0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KDRGDRVSVARIOBLOC>

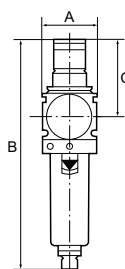
**Spare parts:**  
**K-VERSCHLEI-SATZ VARIOBLOC** - Set of wearing parts

**K-FI REGL PC-BEHAEL MANO VARIOBLOC**

## Filter regulators with polycarbonate bowl and pressure gauge

Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator. The pressure setting can be locked by pushing the knob down. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)  
**Media temperature:** max. 50 °C  
**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)  
**Pore size in filter element:** 40 µm  
**Sealant:** NBR  
**Spring bonnet:** POM  
**Housing:** Die-cast zinc  
**Diaphragm:** NBR  
**Drain valve:** Manual  
**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Filter regulators are also available with bowl guard or metal bowl. Filter regulators are also available in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 06 85	G 1/4	0.5 - 10 bar	2000	48,0	203,0 mm	68,0
K-07 25 06 87	G 3/8	0.5 - 10 bar	3000	48,0	203,0 mm	68,0
K-07 25 06 89	G 1/2	0.5 - 10 bar	5500	70,0	273,0 mm	98,0



**K-FI REGL PC-BEHAEL MANO VARIOBLOC**

(Continued)

## Filter regulators with polycarbonate bowl and pressure gauge

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 06 91	G 3/4	0.5 - 10 bar	6500	70,0	273,0 mm	98,0
K-07 25 06 93	G 1	0.5 - 10 bar	6500	124,0	273,0 mm	98,0



**Web:** <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELMANOVARIOBLOC>

**Spare parts:**

**K-VERSCHLEI-SATZ VARIOBLOC** - Set of wearing parts

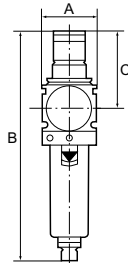
**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat

**K-FILTERELEMENT VARIOBLOC** - Filter element

**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

**K-FI REGL PC-BEHAELTER S MAN VARIOB**

## Filter regulators with polycarbonate bowl, bowl guard and pressure gauge



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator. The pressure setting can be locked by pushing the knob down. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Spring bonnet:** POM

**Housing:** Die-cast zinc

**Diaphragm:** NBR

**Drain valve:** Manual

**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Filter regulators are also available with bowl guard or metal bowl. Filter regulators are also available in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 23 01	G 1/4	0.5 - 10 bar	2000	48,0	203,0 mm	68,0
K-07 25 23 00	G 3/8	0.5 - 10 bar	3000	48,0	203,0 mm	68,0
K-07 25 22 99	G 1/2	0.5 - 10 bar	5500	70,0	273,0 mm	98,0
K-07 25 22 98	G 3/4	0.5 - 10 bar	6500	70,0	273,0 mm	98,0
K-07 25 22 97	G 1	0.5 - 10 bar	6500	124,0	273,0 mm	98,0



**Web:** <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELTERSMANVARIOB>

**K-FI REGL METALLBEHAE S MANO VARIOB****Filter regulators with metal bowl, incl. sight glass and pressure gauge**

Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator. The pressure setting can be locked by pushing the knob down. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

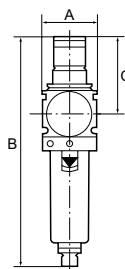
**Spring bonnet:** POM

**Housing:** Die-cast zinc

**Diaphragm:** NBR

**Drain valve:** Manual

**Flow rate measurement:** At P1 = 10 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

**Ordering information:** Filter regulators are also available with bowl guard or metal bowl. Filter regulators are also available in lockable version. Please ask for more information.

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 06 86	G 1/4	0.5 - 10 bar	2000	48,0	203,0 mm	68,0
K-07 25 06 88	G 3/8	0.5 - 10 bar	3000	48,0	203,0 mm	68,0
K-07 25 06 90	G 1/2	0.5 - 10 bar	5500	70,0	273,0 mm	98,0
K-07 25 06 92	G 3/4	0.5 - 10 bar	6500	70,0	273,0 mm	98,0
K-07 25 06 94	G 1	0.5 - 10 bar	6500	124,0	273,0 mm	98,0



**Web:** <http://cat.hansa-flex.com/en/KFIREGLMETALLBEHAESMANOVARIOB>

**Spare parts:**

**K-VERSCHLEI-SATZ VARIOBLOC** - Set of wearing parts

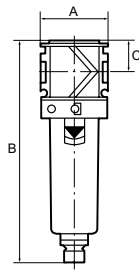
**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat

**K-FILTERELEMENT VARIOBLOC** - Filter element

**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

**K-FI PC-BEHAELTER VARIOBLOC**

## Filters with polycarbonate bowl



Centrifugal separators with a sintered filter element. Filtration takes place in a 2-stage process comprising cyclone separation (condensate) and a PE filter element (particles).

Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Housing:** Die-cast zinc

**Drain valve:** Manual

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Filters are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 06 25	G 1/4	1800	48,0	155.0 mm	22,0
K-07 25 06 27	G 3/8	2000	48,0	155.0 mm	22,0
K-07 25 06 29	G 1/2	3200	70,0	202.0 mm	26,0
K-07 25 06 31	G 3/4	3500	70,0	202.0 mm	26,0
K-07 25 06 33	G 1	3500	124,0	202.0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIPCBEHAELTERVAROBLOC>

**Spare parts:**

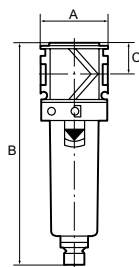
**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat

**K-FILTERELEMENT VARIOBLOC** - Filter element

**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

**K-FI PC-BEHAELTER SCHUTZ VARIOBLOC**

## Filters with polycarbonate bowl and bowl guard



Centrifugal separators with a sintered filter element. Filtration takes place in a 2-stage process comprising cyclone separation (condensate) and a PE filter element (particles).

Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Housing:** Die-cast zinc

**Drain valve:** Manual

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Filters are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 23 06	G 1/4	1800	48,0	155.0 mm	22,0
K-07 25 23 05	G 3/8	2000	48,0	155.0 mm	22,0
K-07 25 23 04	G 1/2	3200	70,0	202.0 mm	26,0





(Continued)

**K-FI PC-BEHAELTER SCHUTZ VARIOBLOC**

Filters with polycarbonate bowl and bowl guard

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 23 03	G 3/4	3500	70,0	202.0 mm	26,0
K-07 25 23 02	G 1	3500	124,0	202.0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIPCBEAELTERSCHUTZVARIOBLOC>

**K-FI METALLBEHAELTER SICHT VARIBLOC**

Filters with metal bowl incl. sight glass

Centrifugal separators with a sintered filter element. Filtration takes place in a 2-stage process comprising cyclone separation (condensate) and a PE filter element (particles).

Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Pore size in filter element:** 40 µm

**Sealant:** NBR

**Housing:** Die-cast zinc

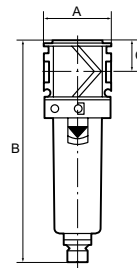
**Drain valve:** Manual

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

**Ordering information:** Filters are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 06 26	G 1/4	1800	48,0	155.0 mm	22,0
K-07 25 06 28	G 3/8	2000	48,0	155.0 mm	22,0
K-07 25 06 30	G 1/2	3200	70,0	202.0 mm	26,0
K-07 25 06 32	G 3/4	3500	70,0	202.0 mm	26,0
K-07 25 06 34	G 1	3500	124,0	202.0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELTERSICHTVARIBLOC>

**Spare parts:**

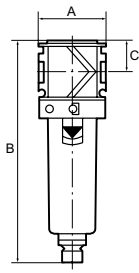
**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat

**K-FILTERELEMENT VARIOBLOC** - Filter element

**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

**K-FI MIKRO PC-BEHAELTER VARIOBLOC**

## Micro-filters with polycarbonate bowl



Borosilicate filter for all applications where compliance with strict compressed air purity requirements is vital. As the second stage downstream of the standard filter, the micro-filter removes 99.999 % of even the finest remaining particles from water, oil and dirt with practically zero residues (filter rating: 0.01 µm).

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Filter rating:** 0,01 µm

**air quality ISO 85731:** Class 1 dirt, class 1 oil

**Efficiency:** 99.999 %

**Flow rate measurement:** At P1 = 7 bar and pressure drop  $\Delta p = 0,1$  bar

**Note:** Further information on request

**Ordering information:** Micro-filters are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 10 89	G 1/4	370	48,0	155.0 mm	22,0
K-07 25 10 91	G 3/8	420	48,0	155.0 mm	22,0
K-07 25 10 93	G 1/2	1000	70,0	202.0 mm	26,0
K-07 25 10 95	G 3/4	1100	70,0	202.0 mm	26,0
K-07 25 10 97	G 1	1100	124,0	202.0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROPCBEHAELTERVARIOBLOC>

**Spare parts:**

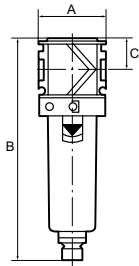
**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat

**K-FILTERELEMENT VARIOBLOC** - Filter element

**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

**K-FI MIKRO PC-BEHAEL SCHU VARIOBLOC**

## Micro-filters with polycarbonate bowl and bowl guard



Borosilicate filter for all applications where compliance with strict compressed air purity requirements is vital. As the second stage downstream of the standard filter, the micro-filter removes 99.999 % of even the finest remaining particles from water, oil and dirt with practically zero residues (filter rating: 0.01 µm).

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Filter rating:** 0,01 µm

**air quality ISO 85731:** Class 1 dirt, class 1 oil

**Efficiency:** 99.999 %

**Flow rate measurement:** At P1 = 7 bar and pressure drop  $\Delta p = 0,1$  bar

**Note:** Further information on request

**Ordering information:** Micro-filters are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 22 96	G 1/4	370	48,0	155.0 mm	22,0
K-07 25 22 95	G 3/8	420	48,0	155.0 mm	22,0
K-07 25 22 94	G 1/2	1000	70,0	202.0 mm	26,0
K-07 25 22 93	G 3/4	1100	70,0	202.0 mm	26,0
K-07 25 22 92	G 1	1100	124,0	202.0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROPCBEHAELSCHUVARIOBLOC>

**K-FI MIKRO METALLBEH SICHT VARIOBLO**

Micro-filters with metal bowl, incl. sight glass

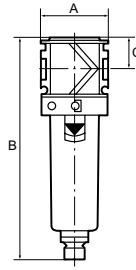
Borosilicate filter for all applications where compliance with strict compressed air purity requirements is vital. As the second stage downstream of the standard filter, the micro-filter removes 99.999 % of even the finest remaining particles from water, oil and dirt with practically zero residues (filter rating: 0.01 µm).

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)  
**Media temperature:** max. 50 °C  
**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)  
**Filter rating:** 0,01 µm  
**air quality ISO 85731:** Class 1 dirt, class 1 oil  
**Efficiency:** 99.999 %  
**Flow rate measurement:** At P1 = 7 bar and pressure drop  $\Delta p = 0,1$  bar

**Note:** Further information on request

**Ordering information:** Micro-filters are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B mm	C mm
K- 07 25 10 90	G 1/4	370	48,0	155,0 mm	22,0
K- 07 25 10 92	G 3/8	420	48,0	155,0 mm	22,0
K- 07 25 10 94	G 1/2	1000	70,0	202,0 mm	26,0
K- 07 25 10 96	G 3/4	1100	70,0	202,0 mm	26,0
K- 07 25 10 98	G 1	1100	124,0	202,0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROMETALLBEHSICHTVARIOBLO>

**Spare parts:**

**K-ERSATZBEHAELTER VARIOBLOC POLY** - Spare tank Polycarbonat  
**K-FILTERELEMENT VARIOBLOC** - Filter element  
**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8

**K-FI AK KOH PC-BEHAE VARIOBLOC**

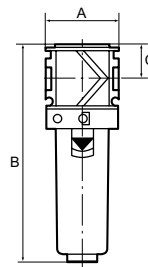
Activated carbon filters with polycarbonate bowl

The activated carbon filter absorbs oil vapour from the compressed air. The entering compressed air needs to be dry and free of contaminants (an upstream microfilter is strongly recommended).

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)  
**Media temperature:** max. 50 °C  
**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)  
**air quality ISO 85731:** Class 1 dirt, class 1 oil  
**Residual oil content:** 0,003 mg/m<sup>3</sup>  
**Flow rate measurement:** At P1 = 7 bar and pressure drop  $\Delta p = 0,1$  bar

**Note:** Activated carbon filters are also supplied with protective cage or metal container. Further information on request

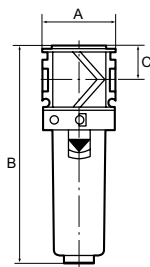
Identification	Thread	Flow rate L/min	A mm	B mm	C mm
K- 07 25 19 59	G 1/4	800	48,0	142,0 mm	22,0
K- 07 25 19 60	G 3/8	1000	48,0	142,0 mm	22,0
K- 07 25 19 61	G 1/2	1200	70,0	193,0 mm	26,0
K- 07 25 19 62	G 3/4	1300	70,0	193,0 mm	26,0
K- 07 25 19 63	G 1	1300	124,0	193,0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPCEBEHAEVARIOBLOC>

**K-FI AK KOH PC-BEHAEI SI VARIOBLOC**

## Activated carbon filters with polycarbonate bowl and bowl guard



The activated carbon filter absorbs oil vapour from the compressed air. The entering compressed air needs to be dry and free of contaminants (an upstream microfilter is strongly recommended).

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**air quality ISO 85731:** Class 1 dirt, class 1 oil

**Residual oil content:** 0,003 mg/m<sup>3</sup>

**Flow rate measurement:** At P1 = 7 bar and pressure drop  $\Delta p = 0,1$  bar

**Note:** Activated carbon filters are also supplied with protective cage or metal container. Further information on request

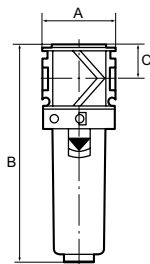
Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 23 12	G 1/4	800	48,0	142,0 mm	22,0
K-07 25 23 13	G 3/8	1000	48,0	142,0 mm	22,0
K-07 25 23 14	G 1/2	1200	70,0	193,0 mm	26,0
K-07 25 23 15	G 3/4	1300	70,0	193,0 mm	26,0
K-07 25 23 16	G 1	1300	124,0	193,0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPCEHAELSIVARIOBLOC>

**K-FI AK KOH METALLBEHAEI SI VARIOBL**

## Activated carbon filters with metal bowl incl. sight glass



The activated carbon filter absorbs oil vapour from the compressed air. The entering compressed air needs to be dry and free of contaminants (an upstream microfilter is strongly recommended).

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**air quality ISO 85731:** Class 1 dirt, class 1 oil

**Residual oil content:** 0,003 mg/m<sup>3</sup>

**Flow rate measurement:** At P1 = 7 bar and pressure drop  $\Delta p = 0,1$  bar

**Note:** Activated carbon filters are also supplied with protective cage or metal container. Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 23 07	G 1/4	800	48,0	142,0 mm	22,0
K-07 25 23 08	G 3/8	1000	48,0	142,0 mm	22,0
K-07 25 23 09	G 1/2	1200	70,0	193,0 mm	26,0
K-07 25 23 10	G 3/4	1300	70,0	193,0 mm	26,0
K-07 25 23 11	G 1	1300	124,0	193,0 mm	26,0



**Web:** <http://cat.hansa-flex.com/en/KFIAKKOHPMETALLBEHAELSIVARIOBL>

**K-NEBELOELER PC-BEHAELTER S VARIOBL****Oil-mist lubricators with polycarbonate bowl and bowl guard**

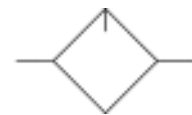
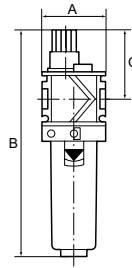
Proportional lubricators, oil can be filled under pressure. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 50 °C
<b>Ambient temperature:</b>	Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

**Ordering information:** Oil-mist lubricators are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 22 91	G 1/4	3400	48,0	171.0 mm	52,0
K-07 25 22 90	G 3/8	4400	48,0	171.0 mm	52,0
K-07 25 22 89	G 1/2	4600	70,0	224.0 mm	57,0
K-07 25 22 88	G 3/4	7500	70,0	224.0 mm	57,0
K-07 25 22 87	G 1	7500	124,0	224.0 mm	57,0



**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELTERSVARIOBL>

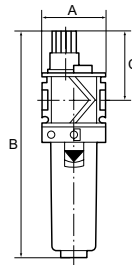
**K-NEBELOELER METALLBEHAE S T VARIOB****Oil-mist lubricators with metal bowl, incl. sight glass and metal sight dome**

Proportional lubricators, oil can be filled under pressure. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)
<b>Media temperature:</b>	max. 50 °C
<b>Ambient temperature:</b>	Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Dropper:</b>	PA
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>Note:</b>	Further information on request

**Ordering information:** Oil-mist lubricators are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 09 22	G 1	7500	124,0	224.0 mm	65,0
K-07 25 09 20	G 3/4	7500	70,0	224.0 mm	65,0
K-07 25 09 18	G 1/2	4600	70,0	224.0 mm	65,0

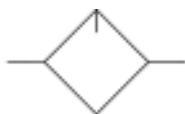


**K-NEBELOELER METALLBEHAE S T VARIOB**

(Continued)

Oil-mist lubricators with metal bowl, incl. sight glass and metal sight dome

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 09 16	G 3/8	4400	48,0	180.0 mm	60,0
K-07 25 09 14	G 1/4	3400	48,0	180.0 mm	60,0

Web: <http://cat.hansa-flex.com/en/KNEBELOELERMETALLBEHAESTVARIOB>**Spare parts:**

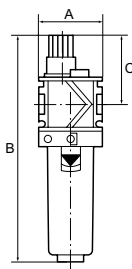
K-ERSATZBEHAELTER VARIOBLOC POLY - Spare tank Polycarbonat

K-TROPFAUFSATZ VARIOBLOC - Drip attachment

K-TROPFAUFSATZ METALL - Drip attachment metal

**K-NEBELOELER PC-BEHAEALTER VARIOBLOC**

Oil-mist lubricators with polycarbonate bowl



Proportional lubricators, oil can be filled under pressure. Approved series in modern industrial design, with the following key benefits: Simple handling, Convenient modular assembly thanks to innovative fasteners, Excellent flow values.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 20 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C (polycarbonate bowl), Max. 80 °C (metal bowl)

**Sealant:** NBR

**Housing:** Die-cast zinc

**Dropper:** PA

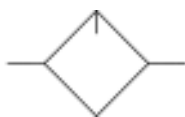
**Oil grade:** CL 32 acc. to DIN 51517 - ISO VG 32

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

Note: Further information on request

Ordering information: Oil-mist lubricators are also available with bowl guard or metal bowl.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 09 13	G 1/4	3400	48,0	171.0 mm	52,0
K-07 25 09 15	G 3/8	4400	48,0	171.0 mm	52,0
K-07 25 09 17	G 1/2	4600	70,0	224.0 mm	57,0
K-07 25 09 19	G 3/4	7500	70,0	224.0 mm	57,0
K-07 25 09 21	G 1	7500	124,0	224.0 mm	57,0

Web: <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELTERVARIOBLOC>**Spare parts:**

K-ERSATZBEHAELTER VARIOBLOC POLY - Spare tank Polycarbonat

K-TROPFAUFSATZ VARIOBLOC - Drip attachment

K-TROPFAUFSATZ METALL - Drip attachment metal

## K-VT VARIBLOC

## Ball valves

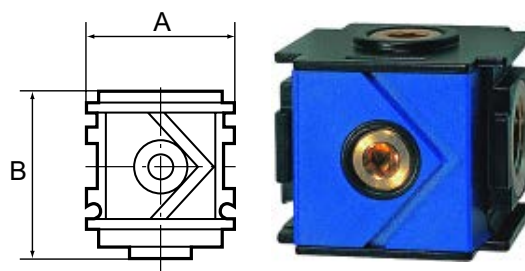
For removing unlubricated air when the manifold is flanged on upstream of the oil-mist lubricator. An integrated non-return valve prevents oil inflow from the oil-mist lubricator or the line.

**Outlets:** 4 (all sealed at delivery)

**Outlets for G 1/2 and G 3/4:** Top / bottom G 3/8 / G 1/2, Front / back G 1/4

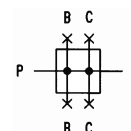
**Outlets for G 1/4 and G 3/8:** Top / bottom G 3/8, Front / back G 1/4

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B
K- 07 25 11 99	G 1/4	900	48,0	44.0 mm
K- 07 25 12 00	G 3/8	900	48,0	44.0 mm
K- 07 25 12 01	G 1/2	4000	70,0	56.0 mm
K- 07 25 12 02	G 3/4	5000	70,0	56.0 mm
K- 07 25 12 03	G 1	5000	124,0	56.0 mm



**Web:** <http://cat.hansa-flex.com/en/KVTVARIBLOC>

## K-3/2-BKR VARIOBLOC

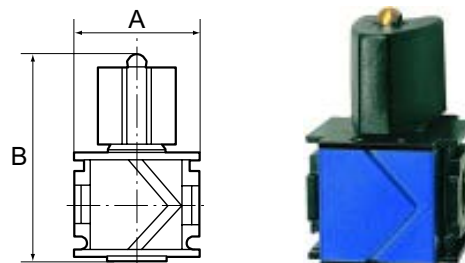
## Ball valves

Used as the main shut-off element, especially for flanging onto the start of a variobloc service unit. With pressure relief and silencer. Can be locked with a standard padlock.

**Ambient temperature:** Max. 80 °C

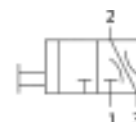
**Working pressure:** Max. 20 bar

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

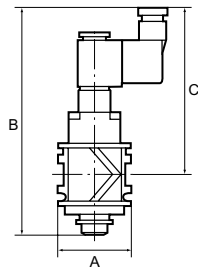
Identification	Thread	Flow rate L/min	A mm	B
K- 07 25 11 89	G 1/4	4300	48,0	80.0 mm
K- 07 25 11 90	G 3/8	4400	48,0	80.0 mm
K- 07 25 11 91	G 1/2	9000	70,0	92.0 mm
K- 07 25 11 92	G 3/4	11000	70,0	92.0 mm
K- 07 25 11 93	G 1	11000	124,0	92.0 mm



**Web:** <http://cat.hansa-flex.com/en/K32BKRVARIBLOC>

## K-SCHALTVENTILE 3/2 VAROBLOC

On-off valves (3/2-way valves)



For pressurising and relieving pneumatic systems. Ideal as the main "on" valve for service units. The pressure in the line is exhausted when the valve is switched off.

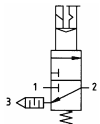
**Protection IP:** IP 65 acc. to DIN 40050

**Working pressure:** 3 to 10 bar

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	Connection	B mm	C mm	Voltage
K-07 25 11 94	G 1/4	2200	48,0	Device plug PG 9, type B, EN 175301-803	147.0 mm	108,0	24 V DC
K-07 25 11 95	G 3/8	2600	48,0	Device plug PG 9, type B, EN 175301-803	147.0 mm	108,0	24 V DC
K-07 25 11 96	G 1/2	3300	70,0	Device plug PG 9, type B, EN 175301-803	157.0 mm	113,0	24 V DC
K-07 25 11 97	G 3/4	3800	70,0	Device plug PG 9, type B, EN 175301-803	157.0 mm	113,0	24 V DC
K-07 25 11 98	G 1	3800	124,0	Device plug PG 9, type B, EN 175301-803	157.0 mm	113,0	24 V DC



**Web:** <http://cat.hansa-flex.com/en/KSCHALTVENTILE32VAROBLOC>

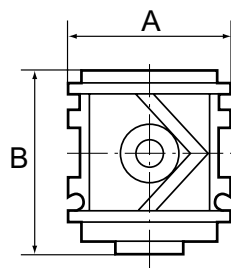
**Spare parts:**

**K-MAGNETSPULE VARIOBLOC** - Solenoid

**K-GERAETESTECKER** - Coupling socket

## K-ANFAV VARIOBLOC

Manifolds



For slow pressure build-up in pneumatic systems, e.g. after an emergency stop. The valve opens to full flow at approximately 60% of the set operating pressure.

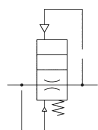
The filling time can be set by turning the adjusting screw. Used in combination with multi-piece service units.

**Operating pressure:** 2 - 25 bar

**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B mm	Operating pressure
K-07 25 11 84	G 1/4	1200	48,0	54.0 mm	2 - 25 bar
K-07 25 11 85	G 3/8	1400	48,0	54.0 mm	2 - 25 bar
K-07 25 11 86	G 1/2	3800	70,0	72.0 mm	2 - 25 bar
K-07 25 11 87	G 3/4	4200	70,0	72.0 mm	2 - 25 bar
K-07 25 11 88	G 1	4200	124,0	72.0 mm	2 - 25 bar



**Web:** <http://cat.hansa-flex.com/en/KANFAVVARIOBLOC>






**K-ERSATZBEHAELTER VARIOBLOC MET****Spare tank metal**

Identification	Circuit diagram	Description
K- 07 25 16 79		Metal bowl, incl. sight glass for variobloc Oil-mist lubricators, Activated carbon filters, service units G 1/4 - G 3/8
K- 07 25 16 80		Metal bowl, incl. sight glass for variobloc Oil-mist lubricators, Activated carbon filters, service units G 1/2 - G 1
K- 07 25 16 75		Metal bowl, incl. sight glass, auto drain valve (mounting) for variobloc filters, service units, filter regulators G 1/2 - G 1
K- 07 25 16 76		Metal bowl, incl. sight glass, auto drain valve (mounting) for variobloc filters, service units, filter regulators G 1/2 - G 1
K- 07 25 16 73		Metal bowl, incl. sight glass for variobloc Micro-filters, filters, service units, filter regulators G 1/4 - G 3/8
K- 07 25 16 74		Metal bowl, incl. sight glass for variobloc Micro-filters, filters, service units, filter regulators G 1/2 - G 1

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERVARIOBLOCMET>

**K-ERSATZBEHAELTER VARIOBLOC K+S****Spare tank, Basket and screw**

Identification	Circuit diagram	Description
K- 07 25 19 66		Semi-automatic drain valve for plastic- and metal bowl
K- 07 25 19 65		Bowl guard compatible with G 1/2 - G 1
K- 07 25 19 64		Bowl guard compatible with G 1/4 - G 3/8

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERVARIOBLOCKS>

**K-MAGNETSPULE VARIOBLOC****Solenoid**

Solenoid



Identification	Description
K- 07 30 28 90	Solenoid 220 V AC, 50 Hz. Compatible with G 1/4 - 1
K- 07 30 28 91	Solenoid 24 V DC Compatible with G 1/4 - 1
K- 07 30 28 88	Solenoid 24 V AC, 50 Hz. Compatible with G 1/4 - 1
K- 07 30 28 89	Solenoid 110 V AC, 50 Hz. Compatible with G 1/4 - 1

**Web:** <http://cat.hansa-flex.com/en/KMAGNETSPULEVARIOBLOC>

## K-TROPFAUFSATZ VARIOBLOC

### Drip attachment



Sight dome

Identification	Description
K-07 25 16 85	Sight dome, metal. Compatible with G 1/4, G 3/8
K-07 25 16 84	Sight dome, plastic. Compatible with G 1/2, G 3/4, G 1
K-07 25 16 83	Sight dome, plastic. Compatible with G 1/4, G 3/8

**Web:** <http://cat.hansa-flex.com/en/KTROPFAUFSATZVARIOBLOC>

## K-BEFESTIGUNG VARIOBLOC

### Accessories

Note to comfort joiner set: Comfort joiner set as input/output module incl. mounting bracket and screws for easy removal of individual units from the line system.

**For types:** G 1/2, G 3/4, G 1

**More information:** Mounting bracket and fixing nut







Identification	Circuit diagram	Description
K-07 25 16 82		Mounting bracket and two screws
K-07 25 16 81		Mounting bracket and two screws
K-07 25 16 66		Connection plate set for converting devices from G 3/4 to G 1
K-07 25 16 65		Comfort joiner set as input/output module incl. mounting bracket and screws for easy removal of individual units
K-07 25 16 64		Comfort joiner set as input/output module incl. mounting bracket and screws for easy removal of individual units
K-07 25 16 63		Tee holder (separate)
K-07 25 16 62		Tee holder (separate)
K-07 25 16 61		Compact joiner set for assembling two devices, incl. tee holder (wall mounting)
K-07 25 16 60		Compact joiner set for assembling two devices, incl. tee holder (wall mounting)
K-07 25 16 59		Compact joiner set for assembling two devices, incl. tee holder (wall mounting)
K-07 25 16 58		Compact joiner set for assembling two devices, incl. tee holder (wall mounting)



(Continued)

## K-BEFESTIGUNG VARIOBLOC

## Accessories

Identification	Circuit diagram	Description
K- 07 25 16 57		Compact joiner set for assembling two devices
K- 07 25 16 56		Compact joiner set for assembling two devices
K- 07 25 16 55		Compact joiner set for assembling two devices
K- 07 25 16 54		Compact joiner set for assembling two devices
K- 07 25 16 53		Mounting bracket and fixing nut
K- 07 25 16 52		Mounting bracket and fixing nut

**Web:** <http://cat.hansa-flex.com/en/KBEFESTIGUNGVARIOBLOC>

## K-FILTERELEMENT VARIOBLOC









## Filter element

Identification	Circuit diagram	Description
K- 07 25 19 67		Activated carbon filter element, compatible with G 1/4 - G 3/8
K- 07 25 19 68		Activated carbon filter element, compatible with G 1/2 - G 1
K- 07 25 16 90		Filter element 0.01 µm, compatible with G 1/4, G 3/8
K- 07 25 16 91		Filter element 0.01 µm, compatible with G 1/2, G 3/4, G 1
K- 07 25 16 88		Filter element 40 µm, compatible with G 1/2, G 3/4, G 1
K- 07 25 16 89		Filter element 5 µm, compatible with G 1/2, G 3/4, G 1
K- 07 25 16 86		Filter element 40 µm, compatible with G 1/4, G 3/8
K- 07 25 16 87		Filter element 5 µm, compatible with G 1/4, G 3/8

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENTVARIOBLOC>

**K-ERSATZBEHAELTER VARIOBLOC POLY**

## Spare tank Polycarbonat

Identification	Circuit diagram	Description
K-07 25 16 77		Plastic bowl for variobloc Oil-mist lubricators, Activated carbon filters, service units G 1/4 - G 3/8
K-07 25 16 78		Plastic bowl for variobloc Oil-mist lubricators, Activated carbon filters, service units G 1/2 - G 1
K-07 25 16 71		Plastic bowl with manual drain valve for variobloc Micro-filters G 1/4 - G 3/8
K-07 25 16 72		Plastic bowl with manual drain valve for variobloc Micro-filters G 1/2 - G 1
K-07 25 16 69		Plastic bowl with automatic drain valve (mounting type) for variobloc filters, service units, filter regulators G 1/4 - G 3/8
K-07 25 16 70		Plastic bowl with automatic drain valve (mounting type) for variobloc filters, service units, filter regulators G 1/2 - G 1
K-07 25 16 67		Plastic bowl with manual drain valve for variobloc filters, service units, filter regulators G 1/4 - G 3/8
K-07 25 16 68		Plastic bowl with manual drain valve for variobloc filters, service units, filter regulators G 1/2 - G 1

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERVARIOBLOCPOLY>

**K-VERSCHLEI-SATZ VARIOBLOC**

## Set of wearing parts

diaphragm, sealing cone, seal



Identification	Description
K-07 25 16 92	Set of wearing parts (diaphragm, sealing cone, seal). Compatible with G 1/4, G 3/8
K-07 25 16 93	Set of wearing parts (diaphragm, sealing cone, seal). Compatible with G 1/2, G 3/4, G 1

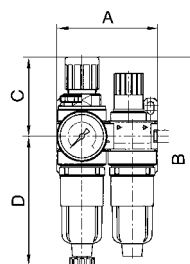
**Web:** <http://cat.hansa-flex.com/en/KVERSCHLEISATZVARIOBLOC>

**K-WTEH 2-TLG PC-BEHAEL MANO STAN-MI**

## Service units, 2-piece with polycarbonate bowl and pressure gauge

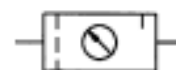
Compact, two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	350 l/min (2-piece), 300 l/min (3-piece)
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic for variant with polycarbonate bowl, Manual for variant with metal bowl
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Control range	A mm	B	C mm	D mm	DN
K-07 25 14 89	G 1/8	0.5 - 10 bar	85,0	167,0 mm	65,0	102,0	5
K-07 25 14 91	G 1/4	0.5 - 10 bar	85,0	167,0 mm	65,0	102,0	5



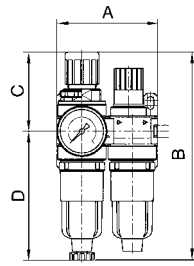
**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCBEHAELMANOSTANMI>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-WTEH 2-TLG MET MANO TROPF STAN-MI**

Service units, 2-piece with metal bowl and pressure gauge, metal sight dome



Compact, two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	350 l/min (2-piece), 300 l/min (3-piece)
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic for variant with polycarbonate bowl, Manual for variant with metal bowl
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

Identification	Thread	Control range	A mm	B	C mm	D mm	DN
K-07 25 14 90	G 1/8	0.5 - 10 bar	85,0	167,0 mm	65,0	102,0	5
K-07 25 14 92	G 1/4	0.5 - 10 bar	85,0	167,0 mm	67,0	102,0	5



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGMETMANOTROPFSTANMI>

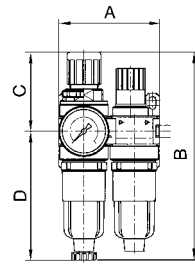
**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTTFELMUTTER - Nut
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-WTEH 3-TLG PC MONO STANDARD-MINI****Service units, 3-piece with polycarbonate bowl and pressure gauge**

Compact, two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	350 l/min (2-piece), 300 l/min (3-piece)
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic for variant with polycarbonate bowl, Manual for variant with metal bowl
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Control range	A mm	B	C mm	D mm	DN
K-07 25 14 52	G 1/8	0.5 - 10 bar	130,0	151.5 mm	49,5	102,0	5
K-07 25 14 54	G 1/4	0.5 - 10 bar	130,0	151.5 mm	49,5	102,0	5



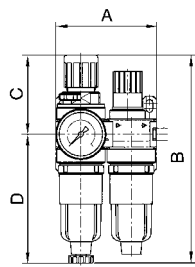
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCMONOSTANDARDMINI>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTAFELMUTTER - Nut
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-WTEH 3-TLG MET MANO T STANDARD-MI**

Service units, 3-piece with metal bowl and pressure gauge, metal sight dome



Compact, two or three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	350 l/min (2-piece), 300 l/min (3-piece)
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Drain valve:</b>	Semi-automatic for variant with polycarbonate bowl, Manual for variant with metal bowl
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

Identification	Thread	Control range	A mm	B	C mm	D mm	DN
K-07 25 14 53	G 1/8	0.5 - 10 bar	130,0	143.0 mm	49,0	94,0	5
K-07 25 14 55	G 1/4	0.5 - 10 bar	130,0	143.0 mm	49,0	94,0	5



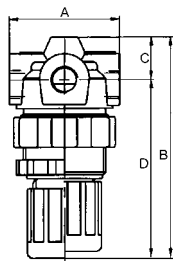
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGMETMANOTSTANDARDMI>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-SCHALTTAFELMUTTER - Nut
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-DRG STANDARD-MINI**

Pressure regulators



Reversible diaphragm pressure regulators with self-relieving design in compact design. The pressure setting can be locked by pushing the knob down.

<b>Input pressure:</b>	Max. 28 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Sealant:</b>	NBR/TPU
<b>Spring bonnet:</b>	POM-brass
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 03 22	G 1/8	0.15 - 3.5 bar	340	43,0	72.5 mm	9,5	63,0	5
K-07 25 03 23	G 1/8	0.2 - 7.0 bar	340	43,0	72.5 mm	9,5	63,0	5
K-07 25 03 24	G 1/8	0.5 - 10.0 bar	340	43,0	72.5 mm	9,5	63,0	5
K-07 25 03 25	G 1/4	0.15 - 3.5 bar	340	43,0	72.5 mm	9,5	63,0	5





(Continued)

## K-DRG STANDARD-MINI

## Pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K- 07 25 03 26	G 1/4	0.2 - 7.0 bar	340	43,0	72.5 mm	9,5	63,0	5
K- 07 25 03 27	G 1/4	0.5 - 10.0 bar	340	43,0	72.5 mm	9,5	63,0	5



Web: <http://cat.hansa-flex.com/en/KDRGSTANDARDMINI>

## Spare parts:

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

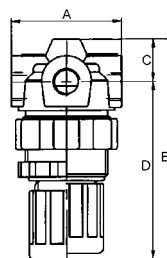
K-VERSCHLEI-SATZ - Set of wearing parts

## K-DRG VORDRUCK STANDARD-MINI

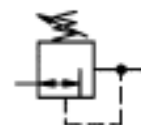
## Pressure regulators

Compact, reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design. The pressure setting can be locked by pushing the knob down.

- Input pressure:** Max. 25 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Sealant:** NBR  
**Spring bonnet:** POM-brass  
**Housing:** Die-cast zinc, painted silver  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K- 07 25 03 28	G 1/8	0.1 - 3 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 29	G 1/8	0.5 - 6 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 30	G 1/8	0.5 - 10 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 31	G 1/8	0.5 - 16 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 32	G 1/4	0.1 - 3 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 33	G 1/4	0.5 - 6 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 34	G 1/4	0.5 - 10 bar	330	40,0	76.3 mm	15,0	61,3	5
K- 07 25 03 35	G 1/4	0.5 - 16 bar	330	40,0	76.3 mm	15,0	61,3	5



Web: <http://cat.hansa-flex.com/en/KDRGVORDRUCKSTANDARDMINI>

## Spare parts:

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

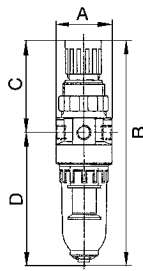
K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

K-VERSCHLEI-SATZ - Set of wearing parts

**K-FI REGL METALLBE MANO STANDARD-MI**

Filter regulators with metal bowl, incl. pressure gauge and panel nut



Compact, reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator. The pressure setting can be locked by pushing the knob down.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 60 °C

**Flow rate:** 350 l/min

**Pore size in filter element:** 5 µm

**Sealant:** NBR

**Spring bonnet:** POM-brass

**Housing:** Die-cast zinc, painted silver

**Drain valve:** Semi-automatic for variant with polycarbonate bowl, Manual for variant with metal bowl

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Control range	A mm	B mm	C mm	D mm	DN
K-07 25 06 65	G 1/8	0.5 - 10 bar	40,0	163,5 mm	65,0	98,5	5
K-07 25 06 66	G 1/4	0.5 - 10 bar	40,0	163,5 mm	65,0	98,5	5



**Web:** <http://cat.hansa-flex.com/en/KFIREGLMETALLBEMANOSTANDARDMI>

**Spare parts:**

K-HALTERBAUSATZ - Holder

K-SCHALTTAFELMUTTER - Nut

K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«

K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter

K-FILTERELEMENT - Filter element

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

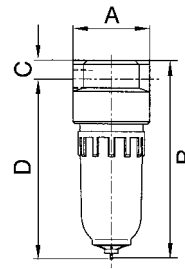
K-VERSCHLEI-SATZ - Set of wearing parts

**K-FI METALLBEHAELTER STANDARD-MINI**

## Filters with metal bowl

Centrifugal separators with a sintered filter element. Compact design.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	800 l/min
<b>Pore size in filter element:</b>	8 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Drain valve:</b>	Semi-automatic for variant with polycarbonate bowl, Manual for variant with metal bowl
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	A mm	B	C mm	D mm	DN
K-07 25 05 83	G 1/8	40,0	108.5 mm	10,0	98,5	5
K-07 25 05 84	G 1/4	40,0	108.5 mm	10,0	98,5	5



**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELTERSTANDARDMINI>

**Spare parts:**

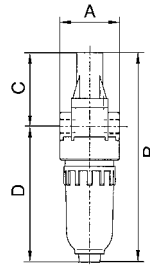
- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-PC-BEHAELTER FILTER MULTIFIX - Polycarbonate tank filter
- K-FILTERELEMENT - Filter element
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-NEBELOELER PC-BEHAEL STANDARD-MINI**

## Oil-mist lubricators with polycarbonate bowl

Proportional lubricators in compact design, oil can be filled under pressure.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	650 l/min
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Dropper:</b>	PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	A mm	B	C mm	D mm	DN
K-07 25 08 83	G 1/8	40,0	144.5 mm	49,5	95,0	5
K-07 25 08 85	G 1/4	40,0	144.5 mm	49,5	95,0	5



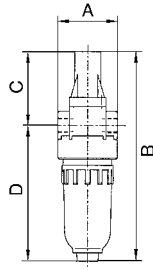
**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELSTANDARDMINI>

**Spare parts:**

- K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« & »standard-mini«
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-NEBELOE METALLBEHAE T STANDARD-MI**

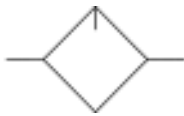
Oil-mist lubricators with metal bowl and metal sight dome



Proportional lubricators in compact design, oil can be filled under pressure.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)**Media temperature:** max. 60 °C**Ambient temperature:** Max. 60 °C**Flow rate:** 650 l/min**Sealant:** NBR**Housing:** Die-cast zinc, painted silver**Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)**Oil grade:** CL 32 acc. to DIN 51517 - ISO VG 32**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1$  bar**More information:** User manual on request

Identification	Thread	A mm	B	C mm	D mm	DN
K-07 25 08 84	G 1/8	40,0	141.0 mm	49,0	92,0	5
K-07 25 08 86	G 1/4	40,0	141.0 mm	49,0	92,0	5

**Web:** <http://cat.hansa-flex.com/en/KNEBELOEMETALLBEHAETSTANDARDMI>**Spare parts:**

K-ERSATZBEHAELTER MULTI MINI - Spare tank »multifix-mini« &amp; »standard-mini«

K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate

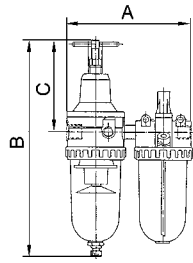
K-TROPFAUFSATZ METALL - Drip attachment metal

K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-WTEH 2-TLG PC H ABLV STANDARD**

Service units with polycarbonate bowl and semi-automatic drain valve



Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard), Max. 25 bar (metal bowl)**Control range:** 0.5 to 10 bar (polycarbonate bowl), 0.5 to 16 bar (metal bowl)**Media temperature:** max. 60 °C**Ambient temperature:** Max. 60 °C**Pore size in filter element:** 5  $\mu$ m (Size 1 / Size 3), 40  $\mu$ m (Size 2 / Size 4)**Sealant:** NBR**Housing:** Die-cast zinc / Aluminium, painted silver**Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 93	G 1/4	600	117,0	236.2 mm	106,5	6	50
K-07 25 14 96	G 3/8	600	117,0	236.2 mm	106,5	6	50
K-07 25 14 99	G 3/8	800	150,0	266.4 mm	120,5	10	63
K-07 25 15 02	G 1/2	2100	175,0	299.4 mm	130,0	15	63



(Continued)

## K-WTEH 2-TLG PC H ABLV STANDARD

## Service units with polycarbonate bowl and semi-automatic drain valve

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 15 05	G 3/4	4000	220,0	452.0 mm	190,6	20	63
K-07 25 15 08	G 1	4000	220,0	452.0 mm	190,6	25	63



Web: <http://cat.hansa-flex.com/en/KWTEH2TLGPCHABLVSTANDARD>

## Spare parts:

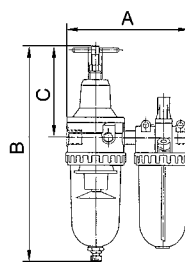
- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

## K-WTEH 2-TLG PC SCHU H ABL STANDARD

## Service units with polycarbonate bowl, bowl guard and semi-automatic drain valve

Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

- Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)
- Control range:** 0.5 to 10 bar (polycarbonate bowl / bowl guard)  
0.5 to 16 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4)
- Sealant:** NBR
- Housing:** Die-cast zinc / Aluminium, painted silver
- Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 95	G 1/4	600	117,0	236.2 mm	106,5	6	50
K-07 25 14 98	G 3/8	600	117,0	236.2 mm	106,5	6	50
K-07 25 15 01	G 3/8	800	150,0	266.4 mm	120,5	10	63
K-07 25 15 04	G 1/2	2100	175,0	299.4 mm	130,0	15	63



**K-WTEH 2-TLG PC SCHU H ABL STANDARD**

(Continued)

Service units with polycarbonate bowl, bowl guard and semi-automatic drain valve

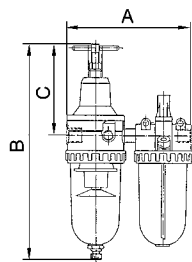
Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 15 07	G 3/4	4000	220,0	452.0 mm	190,6	20	63
K-07 25 15 10	G 1	4000	220,0	452.0 mm	190,6	25	63

Web: <http://cat.hansa-flex.com/en/KWTEH2TLGPCSCHUHABLSTANDARD>**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-WTEH 2-TLG MET M ABLV TRO STANDAD**

Service units with metal bowl and manual drain valve, metal sight dome



Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator.

- Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)
- Control range:** 0.5 to 10 bar (polycarbonate bowl / bowl guard)  
0.5 to 16 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4)
- Sealant:** NBR
- Housing:** Die-cast zinc / Aluminium, painted silver
- Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 94	G 1/4	600	117,0	240.0 mm	106,5	6	50
K-07 25 14 97	G 3/8	600	117,0	240.0 mm	106,5	6	50
K-07 25 15 00	G 3/8	800	150,0	281.5 mm	120,5	10	63
K-07 25 15 03	G 1/2	2100	175,0	302.0 mm	130,0	15	63



(Continued)

**K-WTEH 2-TLG MET M ABLV TRO STANDAD**

Service units with metal bowl and manual drain valve, metal sight dome

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 15 06	G 3/4	4000	220,0	454.6 mm	190,6	20	63
K-07 25 15 09	G 1	4000	220,0	454.6 mm	190,6	25	63



Web: <http://cat.hansa-flex.com/en/KWTEH2TLGMETMABLVTROSTANDAD>

**Spare parts:**

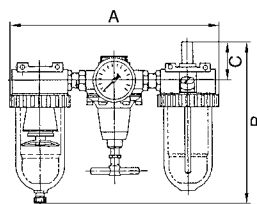
- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-WTEH 3-TLG PC H ABLV STANDARD**

Service units with polycarbonate bowl and semi-automatic drain valve

Three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, centrifugal separator and proportional lubricator.

- Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)
- Control range:** 0.5 to 10 bar (polycarbonate bowl / bowl guard)  
0.5 to 16 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (G 1/4 / G 3/8 / G 1/2), 40 µm (G 3/8 / G 3/4 /  
G 1 / G 1 1/4 / G 1 1/2)
- Sealant:** NBR
- Housing:** Die-cast zinc / Aluminium, painted silver
- Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 49	G 1/4	600	172,0	182.6 mm	51,0	6	50
K-07 25 14 56	G 3/8	600	185,0	182.6 mm	51,0	6	50
K-07 25 14 59	G 3/8	1400	232,0	196.7 mm	51,0	6	50
K-07 25 14 62	G 1/2	3200	259,0	223.4 mm	55,0	15	63
K-07 25 14 65	G 3/4	3200	302,0	227.9 mm	58,0	20	63
K-07 25 14 68	G 1	3200	302,0	227.9 mm	58,0	25	63

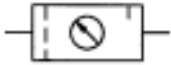


**K-WTEH 3-TLG PC H ABLV STANDARD**

(Continued)

Service units with polycarbonate bowl and semi-automatic drain valve

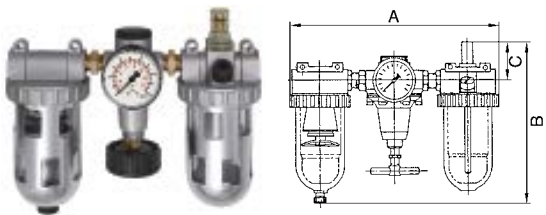
Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 71	G 1 1/4	5000	395,0	313.4 mm	70,0	25	63
K-07 25 14 74	G 1 1/2	5000	395,0	313.4 mm	70,0	35	63

Web: <http://cat.hansa-flex.com/en/KWTEH3TLGPCHABLVSTANDARD>**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-WTEH 3-TLG PC SCHU H ABL STANDARD**

Service units with polycarbonate bowl, bowl guard and semi-automatic drain valve



Three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, centrifugal separator and proportional lubricator.

- Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)
- Control range:** 0.5 to 10 bar (polycarbonate bowl / bowl guard)  
0.5 to 16 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (G 1/4 / G 3/8 / G 1/2), 40 µm (G 3/8 / G 3/4 /  
G 1 / G 1 1/4 / G 1 1/2)
- Sealant:** NBR
- Housing:** Die-cast zinc / Aluminium, painted silver
- Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- More information:** User manual on request

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 51	G 1/4	600	172,0	182.6 mm	51,0	6	50
K-07 25 14 58	G 3/8	600	185,0	182.6 mm	51,0	6	50
K-07 25 14 61	G 3/8	1400	232,0	196.7 mm	51,0	6	50
K-07 25 14 64	G 1/2	3200	259,0	223.4 mm	55,0	15	63
K-07 25 14 67	G 3/4	3200	302,0	227.9 mm	58,0	20	63
K-07 25 14 70	G 1	3200	302,0	227.9 mm	58,0	25	63





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**K-WTEH 3-TLG PC SCHU H ABL STANDARD**

Service units with polycarbonate bowl, bowl guard and semi-automatic drain valve

Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 73	G 1 1/4	5000	395,0	313.4 mm	70,0	25	63
K-07 25 14 76	G 1 1/2	5000	395,0	313.4 mm	70,0	35	63



**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCSCHUHABLSTANDARD>

**Spare parts:**

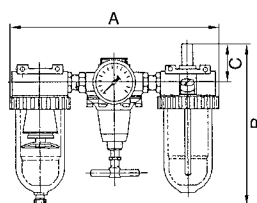
- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-WTEH 3-TLG MET M ABLV TRO STANDAD**

Service units with metal bowl and manual drain valve, metal sight dome

Three-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, centrifugal separator and proportional lubricator.

- Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)
- Control range:** 0.5 to 10 bar (polycarbonate bowl / bowl guard)  
0.5 to 16 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (G 1/4 / G 3/8 / G 1/2), 40 µm (G 3/8 / G 3/4 /  
G 1 / G 1 1/4 / G 1 1/2)
- Sealant:** NBR
- Housing:** Die-cast zinc / Aluminium, painted silver
- Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 50	G 1/4	600	172,0	184.5 mm	51,0	6	50
K-07 25 14 57	G 3/8	600	185,0	184.5 mm	51,0	6	50
K-07 25 14 60	G 3/8	1400	232,0	210.0 mm	51,0	6	50
K-07 25 14 63	G 1/2	3200	259,0	226.0 mm	55,0	15	63
K-07 25 14 66	G 3/4	3200	302,0	230.5 mm	58,0	20	63
K-07 25 14 69	G 1	3200	302,0	230.5 mm	58,0	25	63

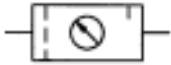


**K-WTEH 3-TLG MET M ABLV TRO STANDAD**

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Service units with metal bowl and manual drain valve, metal sight dome

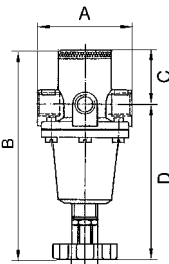
Identification	Thread	Flow rate L/min	A mm	B	C mm	DN	Ø pressure gauge
K-07 25 14 72	G 1 1/4	5000	395,0	316.0 mm	70,0	25	63
K-07 25 14 75	G 1 1/2	5000	395,0	316.0 mm	70,0	35	63

Web: <http://cat.hansa-flex.com/en/KWTEH3TLGMETMABLVTROSTANDAD>**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-FILTERELEMENT - Filter element
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-DRG VORDRUCK STANDARD**

Pressure regulators



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design.

- Input pressure:** Max. 16 bar (K-07250336 - K-07250343), max. 25 bar (K-07250344 - K-07250381)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 80 °C
- Sealant:** NBR
- Housing:** Die-cast zinc, painted silver
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- More information:** User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 03 36	G 1/4	0.5 - 3 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 37	G 1/4	0.5 - 6 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 38	G 1/4	0.5 - 10 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 39	G 1/4	0.5 - 16 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 40	G 3/8	0.5 - 3 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 41	G 3/8	0.5 - 6 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 42	G 3/8	0.5 - 10 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 43	G 3/8	0.5 - 16 bar	1000	54,0	129.5 mm	32,0	97,5	6
K-07 25 03 44	G 1/2	0.1 - 3 bar	2200	70,0	145.9 mm	34,0	111,9	15
K-07 25 03 45	G 1/2	0.5 - 6 bar	2200	70,0	145.9 mm	34,0	111,9	15
K-07 25 03 46	G 1/2	0.5 - 10 bar	2200	70,0	145.9 mm	34,0	111,9	15
K-07 25 03 47	G 1/2	0.5 - 16 bar	2200	70,0	145.9 mm	34,0	111,9	15
K-07 25 03 48	G 3/4	0.1 - 3 bar	5000	90,0	163.4 mm	31,0	132,4	20
K-07 25 03 49	G 3/4	0.5 - 6 bar	5000	90,0	163.4 mm	31,0	132,4	20
K-07 25 03 50	G 3/4	0.5 - 10 bar	5000	90,0	163.4 mm	31,0	132,4	20
K-07 25 03 51	G 3/4	0.5 - 16 bar	5000	90,0	163.4 mm	31,0	132,4	20
K-07 25 03 52	G 1	0.1 - 3 bar	5000	90,0	163.4 mm	31,0	132,4	25
K-07 25 03 53	G 1	0.5 - 6 bar	5000	90,0	163.4 mm	31,0	132,4	25
K-07 25 03 54	G 1	0.5 - 10 bar	5000	90,0	163.4 mm	31,0	132,4	25
K-07 25 03 55	G 1	0.5 - 16 bar	5000	90,0	163.4 mm	31,0	132,4	25
K-07 25 03 56	G 1 1/4	0.5 - 3 bar	16500	125,0	252.5 mm	52,0	200,5	25
K-07 25 03 57	G 1 1/4	0.5 - 10 bar	16500	125,0	252.5 mm	52,0	200,5	25
K-07 25 03 58	G 1 1/4	0.5 - 16 bar	16500	125,0	252.5 mm	52,0	200,5	25
K-07 25 03 79	G 1 1/2	0.5 - 3 bar	16500	125,0	252.5 mm	52,0	200,5	35



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## K-DRG VORDRUCK STANDARD

## Pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 03 80	G 1 1/2	0.5 - 10 bar	16500	125,0	252.5 mm	52,0	200,5	35
K-07 25 03 81	G 1 1/2	0.5 - 16 bar	16500	125,0	252.5 mm	52,0	200,5	35



Web: <http://cat.hansa-flex.com/en/KDRGVORDRUCKSTANDARD>

## Spare parts:

K-HALTERBAUSATZ STANDARD - Holder

K-VERSCHLEI-SATZ - Set of wearing parts

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

K-LOESBARE DOPPELNIPPEL MS - Double nipples

## K-DRG SCHALTAFELEINBAU STANDARD

## Pressure regulators

- incl. panel nut and washer -, Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design.

**Input pressure:** Max. 16 bar K-07250359 - K-07250366), max. 25 bar (K-07250367 - K-07250378)

**Media temperature:** max. 60 °C

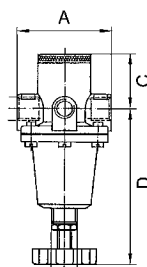
**Ambient temperature:** Max. 80 °C

**Sealant:** NBR

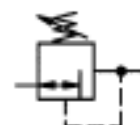
**Housing:** Die-cast zinc, painted silver

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**More information:** User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	C mm	D mm	DN	Thread control panel
K-07 25 03 59	G 1/4	0.5 - 3 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 60	G 1/4	0.5 - 6 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 61	G 1/4	0.5 - 10 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 62	G 1/4	0.5 - 16 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 63	G 3/8	0.5 - 3 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 64	G 3/8	0.5 - 6 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 65	G 3/8	0.5 - 10 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 66	G 3/8	0.5 - 16 bar	1000	54,0	32,0	97,5	6	M 20 x 1.5
K-07 25 03 67	G 1/2	0.1 - 3 bar	2200	70,0	34,0	111,9	15	M 20 x 1.5
K-07 25 03 68	G 1/2	0.5 - 6 bar	2200	70,0	34,0	111,9	15	M 20 x 1.5
K-07 25 03 69	G 1/2	0.5 - 10 bar	2200	70,0	34,0	111,9	15	M 20 x 1.5
K-07 25 03 70	G 1/2	0.5 - 16 bar	2200	70,0	34,0	111,9	15	M 20 x 1.5
K-07 25 03 71	G 3/4	0.1 - 3 bar	5000	90,0	31,0	132,4	20	M 20 x 1.5
K-07 25 03 72	G 3/4	0.5 - 6 bar	5000	90,0	31,0	132,4	20	M 20 x 1.5
K-07 25 03 73	G 3/4	0.5 - 10 bar	5000	90,0	31,0	132,4	20	M 20 x 1.5
K-07 25 03 74	G 3/4	0.5 - 16 bar	5000	90,0	31,0	132,4	20	M 20 x 1.5
K-07 25 03 75	G 1	0.1 - 3 bar	5000	90,0	31,0	132,4	25	M 20 x 1.5
K-07 25 03 76	G 1	0.5 - 6 bar	5000	90,0	31,0	132,4	25	M 20 x 1.5
K-07 25 03 77	G 1	0.5 - 10 bar	5000	90,0	31,0	132,4	25	M 20 x 1.5
K-07 25 03 78	G 1	0.5 - 16 bar	5000	90,0	31,0	132,4	25	M 20 x 1.5



Web: <http://cat.hansa-flex.com/en/KDRGSCHALTAFELEINBAUSTANDARD>

## Spare parts:

K-HALTERBAUSATZ STANDARD - Holder

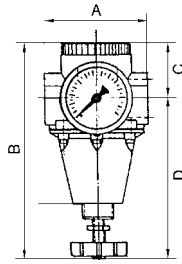
K-VERSCHLEI-SATZ - Set of wearing parts

K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

**K-KONSTANT DRUCKREGLER STANDARD 1**

## Constant-pressure regulators



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design. The pressure regulators maintain a constant working pressure regardless of variations in the inlet pressure.

**Input pressure:** Max. 25 bar (G 1/4 to G 1/2), Max. 40 bar (G 3/4 to G 1 1/2)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 90 °C

**Sealant:** NBR

**Housing:** Die-cast zinc for (G 1/4 to G 1/2), for Brass (G 3/4 to G 1 1/2)

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**More information:** User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 03 82	G 1/4	0.5 - 3 bar	3000	77,0	165.0 mm	33,0	132,0	10
K-07 25 03 83	G 1/4	0.5 - 6 bar	2500	77,0	165.0 mm	33,0	132,0	10
K-07 25 03 84	G 1/4	0.5 - 10 bar	2000	77,0	165.0 mm	33,0	132,0	10
K-07 25 03 85	G 1/4	0.5 - 16 bar	1600	77,0	165.0 mm	33,0	132,0	10
K-07 25 03 86	G 3/8	0.5 - 3 bar	3000	70,0	165.0 mm	33,0	132,0	10
K-07 25 03 87	G 3/8	0.5 - 6 bar	2500	70,0	165.0 mm	33,0	132,0	10
K-07 25 03 88	G 3/8	0.5 - 10 bar	2000	70,0	165.0 mm	33,0	132,0	10
K-07 25 03 89	G 3/8	0.5 - 16 bar	1600	70,0	165.0 mm	33,0	132,0	10
K-07 25 03 90	G 3/8	0.5 - 3 bar	3500	90,0	170.0 mm	32,0	138,0	15
K-07 25 03 91	G 3/8	0.5 - 6 bar	3000	90,0	170.0 mm	32,0	138,0	15
K-07 25 03 92	G 3/8	0.5 - 10 bar	2670	90,0	170.0 mm	32,0	138,0	15
K-07 25 03 93	G 3/8	0.5 - 16 bar	2000	90,0	170.0 mm	32,0	138,0	15
K-07 25 03 94	G 1/2	0.5 - 3 bar	3500	82,0	170.0 mm	32,0	138,0	15
K-07 25 03 95	G 1/2	0.5 - 6 bar	3000	82,0	170.0 mm	32,0	138,0	15
K-07 25 03 96	G 1/2	0.5 - 10 bar	2670	82,0	170.0 mm	32,0	138,0	15
K-07 25 03 97	G 1/2	0.5 - 16 bar	2000	82,0	170.0 mm	32,0	138,0	15



**Web:** <http://cat.hansa-flex.com/en/KKONSTANTDRUCKREGLERSTANDARD1>

**Spare parts:**

**K-HALTERBAUSATZ STANDARD** - Holder

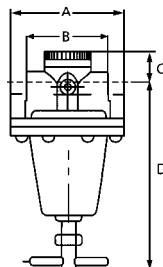
**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-RD NIPPEL KURZ 1** - Reducing nipples, short type

**K-XV AGM 2** - Double nipples, parallel male thread

**K-KONSTANT DRUCKREGLER STANDARD 2**

## Constant-pressure regulators



Reversible diaphragm pressure regulators, independent of inlet pressure, with self-relieving design. The pressure regulators maintain a constant working pressure regardless of variations in the inlet pressure.

**Input pressure:** Max. 25 bar (G 1/4 to G 1/2), Max. 40 bar (G 3/4 to G 1 1/2)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 90 °C

**Sealant:** NBR

**Housing:** Die-cast zinc for (G 1/4 to G 1/2), for Brass (G 3/4 to G 1 1/2)

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**More information:** User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K-07 25 03 98	G 3/4	0.5 - 3 bar	8700	116,0	93.0 mm	43,0	177,0	20
K-07 25 03 99	G 3/4	0.5 - 6 bar	8200	116,0	93.0 mm	43,0	177,0	20



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## K-KONSTANT DRUCKREGLER STANDARD 2

## Constant-pressure regulators

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	DN
K- 07 25 04 00	G 3/4	0.5 - 10 bar	7830	116,0	93.0 mm	43,0	177,0	20
K- 07 25 04 01	G 3/4	0.5 - 16 bar	7400	116,0	93.0 mm	43,0	172,0	20
K- 07 25 04 02	G 3/4	0.5 - 25 bar	6500	116,0	93.0 mm	43,0	172,0	20
K- 07 25 04 03	G 1	0.5 - 3 bar	8700	116,0	81.0 mm	43,0	177,0	20
K- 07 25 04 04	G 1	0.5 - 6 bar	8200	116,0	81.0 mm	43,0	177,0	20
K- 07 25 04 05	G 1	0.5 - 10 bar	7830	116,0	81.0 mm	43,0	177,0	20
K- 07 25 04 06	G 1	0.5 - 16 bar	7400	116,0	81.0 mm	43,0	172,0	20
K- 07 25 04 07	G 1	0.5 - 25 bar	6500	116,0	81.0 mm	43,0	172,0	20
K- 07 25 04 08	G 1 1/4	0.5 - 3 bar	16000	114,0	126.0 mm	48,0	189,0	25
K- 07 25 04 09	G 1 1/4	0.5 - 6 bar	14000	114,0	126.0 mm	48,0	189,0	25
K- 07 25 04 10	G 1 1/4	0.5 - 10 bar	12160	114,0	126.0 mm	48,0	189,0	25
K- 07 25 04 11	G 1 1/4	0.5 - 16 bar	11000	114,0	126.0 mm	48,0	184,0	25
K- 07 25 04 12	G 1 1/4	0.5 - 25 bar	8500	114,0	126.0 mm	48,0	184,0	25
K- 07 25 04 13	G 1 1/2	0.5 - 3 bar	16000	114,0	114.0 mm	48,0	189,0	25
K- 07 25 04 14	G 1 1/2	0.5 - 6 bar	14000	114,0	114.0 mm	48,0	189,0	25
K- 07 25 04 15	G 1 1/2	0.5 - 10 bar	12160	114,0	114.0 mm	48,0	189,0	25
K- 07 25 04 16	G 1 1/2	0.5 - 16 bar	11000	114,0	114.0 mm	48,0	184,0	25
K- 07 25 04 17	G 1 1/2	0.5 - 25 bar	8500	114,0	114.0 mm	48,0	184,0	25



Web: <http://cat.hansa-flex.com/en/KKONSTANTDRUCKREGLERSTANDARD2>

## Spare parts:

K-HALTERBAUSATZ STANDARD - Holder

K-VERSCHLEI-SATZ - Set of wearing parts

K-RD NIPPEL KURZ 1 - Reducing nipples, short type

K-XV AGM 2 - Double nipples, parallel male thread

## K-FI REGL PC-BEHAEL H ABLV STANDARD

## Filter regulators with polycarbonate bowl and semi-automatic drain valve

Reversible diaphragm pressure regulators, independent of inlet pressure, with selfrelieving design, combined with a centrifugal separator.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)

**Control range:** 0.5 to 10 bar (polycarbonate bowl), 0.5 to 16 bar (metal bowl)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 60 °C

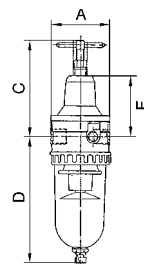
**Pore size in filter element:** 5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4)

**Sealant:** NBR

**Housing:** Die-cast zinc (G1/4 to G1/2), silver painted aluminium (G3/4 to G1), silver painted

**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	F mm
K- 07 25 06 67	G 1/4	900	54,0	106,5	129,7	8	62,0
K- 07 25 06 70	G 3/8	900	54,0	106,5	129,7	8	62,0
K- 07 25 06 73	G 3/8	1500	70,0	120,5	145,9	11	76,5
K- 07 25 06 76	G 1/2	3000	82,0	130,0	169,4	14	83,0



**K-FI REGL PC-BEHAEL H ABLV STANDARD**

(Continued)

Filter regulators with polycarbonate bowl and semi-automatic drain valve

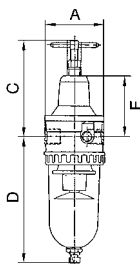
Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	F mm
K-07 25 06 79	G 3/4	7000	125,0	190,6	261,4	25	145,0
K-07 25 06 82	G 1	7000	125,0	190,6	261,4	25	145,0

Web: <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELHABLVSTANDARD>**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI REGL PC-BEHAEL S H ABL STANDAR**

Filter regulators with polycarbonate bowl, bowl guard and semi-automatic drain valve



Reversible diaphragm pressure regulators, independent of inlet pressure, with selfrelieving design, combined with a centrifugal separator.

- Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
- Control range:** 0.5 to 10 bar (polycarbonate bowl), 0.5 to 16 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Pore size in filter element:** 5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4)
- Sealant:** NBR
- Housing:** Die-cast zinc (G1/4 to G1/2), silver painted  
aluminium (G3/4 to G1), silver painted
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	F mm
K-07 25 06 68	G 1/4	900	54,0	106,5	129,7	8	62,0
K-07 25 06 71	G 3/8	900	54,0	106,5	129,7	8	62,0
K-07 25 06 74	G 3/8	1500	70,0	120,5	145,9	11	76,5
K-07 25 06 78	G 1/2	3000	82,0	130,0	169,4	14	83,0
K-07 25 06 81	G 3/4	7000	125,0	190,6	261,4	25	145,0
K-07 25 06 84	G 1	7000	125,0	190,6	261,4	25	145,0

Web: <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELSHABLSTANDAR>**Spare parts:**

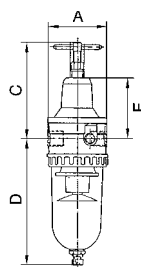
- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

## K-FI REGL METALLBEHAE M ABLV STANDA

## Filter regulators with metal bowl and manual drain valve

Reversible diaphragm pressure regulators, independent of inlet pressure, with selfrelieving design, combined with a centrifugal separator.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Control range:</b>	0.5 to 10 bar (polycarbonate bowl), 0.5 to 16 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4)
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc (G1/4 to G1/2), silver painted aluminium (G3/4 to G1), silver painted
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	F mm
K-07 25 06 69	G 1/4	900	54,0	106,5	133,5	8	62,0
K-07 25 06 72	G 3/8	900	54,0	106,5	133,5	8	62,0
K-07 25 06 75	G 3/8	1500	70,0	120,5	161,0	11	76,5
K-07 25 06 77	G 1/2	3000	82,0	130,0	172,0	14	83,0
K-07 25 06 80	G 3/4	7000	125,0	190,6	264,0	25	145,0
K-07 25 06 83	G 1	7000	125,0	190,6	264,0	25	145,0



**Web:** <http://cat.hansa-flex.com/en/KFIREGLMETALLBEHAEMABLVSTANDA>

**Spare parts:**

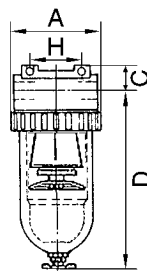
- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

## K-FI PC-BEHAEALTER H ABLV STANDARD

## Filters with polycarbonate bowl and semi-automatic drain valve

Centrifugal separators with a sintered filter element.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl / bowl guard), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Pore size in filter element:</b>	5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4), 60 µm (Size 5)
<b>Housing:</b>	Die-cast zinc, painted silver
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



**Note:** G 2 1/2 and G 3 filters available on request

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	H mm
K-07 25 05 85	G 1/4	800	48,0	14,0	131,6	6	38,0
K-07 25 05 88	G 3/8	800	48,0	14,0	131,6	6	38,0
K-07 25 05 91	G 3/8	3100	70,0	16,0	145,7	10	50,0
K-07 25 05 94	G 1/2	4000	79,0	18,0	168,4	15	50,0
K-07 25 05 97	G 3/4	4000	102,0	26,5	169,9	20	50,0
K-07 25 06 00	G 1	4000	90,0	26,5	169,9	25	50,0



**K-FI PC-BEHAELTER H ABLV STANDARD**

(Continued)

Filters with polycarbonate bowl and semi-automatic drain valve

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	H mm
K-07 25 06 03	G 1 1/4	12500	125,0	36,5	243,4	40	105,0
K-07 25 06 06	G 1 1/2	12500	125,0	36,5	243,4	45	105,0

Web: <http://cat.hansa-flex.com/en/KFIPCBEHAELTERHABLVSTANDARD>**Spare parts:**

K-HALTERBAUSATZ STANDARD - Holder

K-FILTERELEMENT - Filter element

K-SCHUTZKORB G - Protective cage

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

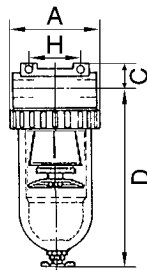
K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8

**K-FI PC-BEHAELTER S H ABLV STANDARD**

Filters with polycarbonate bowl, bowl guard and semi-automatic drain valve



Centrifugal separators with a sintered filter element.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)**Media temperature:** max. 60 °C**Ambient temperature:** Max. 60 °C**Pore size in filter element:** 5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4), 60 µm (Size 5)**Housing:** Die-cast zinc, painted silver**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar**More information:** User manual on request**Note:** G 2 1/2 and G 3 filters available on request

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN	H mm
K-07 25 05 87	G 1/4	800	48,0	14,0	131,6	6	38,0
K-07 25 05 90	G 3/8	800	48,0	14,0	131,6	6	38,0
K-07 25 05 93	G 3/8	3100	70,0	16,0	145,7	10	50,0
K-07 25 05 96	G 1/2	4000	79,0	18,0	168,4	15	50,0
K-07 25 05 99	G 3/4	4000	102,0	26,5	169,9	20	50,0
K-07 25 06 02	G 1	4000	90,0	26,5	169,9	25	50,0
K-07 25 06 05	G 1 1/4	12500	125,0	36,5	243,4	40	105,0
K-07 25 06 08	G 1 1/2	12500	125,0	36,5	243,4	45	105,0
K-07 25 06 10	G 2	30000	148,0	41,0	394,4	55	120,0

Web: <http://cat.hansa-flex.com/en/KFIPCBEHAELTERSABLVSTANDARD>**Spare parts:**

K-HALTERBAUSATZ STANDARD - Holder

K-FILTERELEMENT - Filter element

K-SCHUTZKORB G - Protective cage

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

K-LOESBARE DOPPELNIPPEL MS - Double nipples

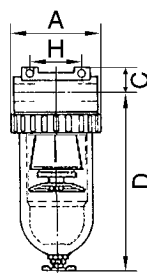
K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8



**K-FI METALLBEHAELTER M ALV STANDARD**

Filters with metal bowl and manual drain valve

Centrifugal separators with a sintered filter element.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)**Media temperature:** max. 60 °C**Ambient temperature:** Max. 60 °C**Pore size in filter element:** 5 µm (Size 1 / Size 3), 40 µm (Size 2 / Size 4), 60 µm (Size 5)**Housing:** Die-cast zinc, painted silver**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar**More information:** User manual on request**Note:** G 2 1/2 and G 3 filters available on request

Identification	Thread	Flow rate L/min	A	C	D	DN	H
			mm	mm	mm		mm
K- 07 25 05 86	G 1/4	800	48,0	14,0	133,5	6	38,0
K- 07 25 05 89	G 3/8	800	48,0	14,0	133,5	6	38,0
K- 07 25 05 92	G 3/8	3100	70,0	16,0	159,0	10	50,0
K- 07 25 05 95	G 1/2	4000	79,0	18,0	171,0	15	50,0
K- 07 25 05 98	G 3/4	4000	102,0	26,5	172,5	20	50,0
K- 07 25 06 01	G 1	4000	90,0	26,5	172,5	25	50,0
K- 07 25 06 04	G 1 1/4	12500	125,0	36,5	246,0	40	105,0
K- 07 25 06 07	G 1 1/2	12500	125,0	36,5	246,0	45	105,0
K- 07 25 06 09	G 2	30000	148,0	41,0	397,0	55	120,0

**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELTERMALVSTANDARD>**Spare parts:**

K-HALTERBAUSATZ STANDARD - Holder

K-FILTERELEMENT - Filter element

K-SCHUTZKORB G - Protective cage

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass

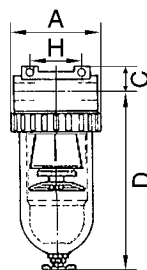
K-LOESBARE DOPPELNIPPEL MS - Double nipples

K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8

**K-FI SPEZI PC-BEHAELTER H STANDAD**

Special filters with polycarbonate bowl, with semi-automatic drain valve to G 1/2 and manual drain valve from G 3/4

For all applications with particularly strict compressed air purity requirements. The separating efficiency of these filters permits very fine oil vapour particles and micro-fine suspended particles to be filtered. A standard filter should always be connected upstream to trap coarse impurities and protect the micro-filter inserts.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)**Media temperature:** max. 50 °C**Ambient temperature:** Max. 50 °C**Efficiency:** 99.999 %**Pore size in filter element:** 0.01 µm**Housing:** Die-cast zinc, painted silver**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar**Note:** Further information on request

Identification	Thread	Flow rate L/min	A	C	D	H	DN
			mm	mm	mm	mm	
K- 07 25 10 76	G 3/8	380	48,0	14,0	131,6	38,0	6



**K-FI SPEZI PC-BEHAELTER H STANDARD**

(Continued)

Special filters with polycarbonate bowl, with semi-automatic drain valve to G 1/2 and manual drain valve from G 3/4

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	H mm	DN
K-07 25 10 83	G 3/4	7000	133,0	36,0	206,0	134,0	20
K-07 25 10 86	G 1	7000	133,0	36,0	206,0	120,0	25



**Web:** <http://cat.hansa-flex.com/en/KFISPEZIPCBEHAELTERHSTANDARD>

**Spare parts:**

**K-HALTERBAUSATZ STANDARD** - Holder

**K-FILTERELEMENT STANDARD** - Filter element

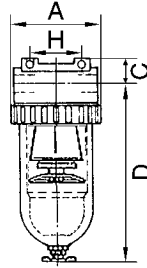
**K-SCHUTZKORB G** - Protective cage

**K-XV AGM MS NI** - Double nipples, parallel male thread, nickel-plated brass

**K-LOESBARE DOPPELNIPPEL MS** - Double nipples

**K-FI SPEZI PC-BEHAEL H K STANDARD**

Special filters with polycarbonate bowl and bowl guard, with semi-automatic drain valve to G 1/2 and manual drain valve from G 3/4



For all applications with particularly strict compressed air purity requirements. The separating efficiency of these filters permits very fine oil vapour particles and micro-fine suspended particles to be filtered. A standard filter should always be connected upstream to trap coarse impurities and protect the micro-filter inserts.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C

**Efficiency:** 99,999 %

**Pore size in filter element:** 0.01 µm

**Housing:** Die-cast zinc, painted silver

**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	C mm	D mm	H mm	DN
K-07 25 10 75	G 1/4	380	48,0	14,0	131,6	38,0	6
K-07 25 10 78	G 3/8	380	48,0	14,0	131,6	38,0	6
K-07 25 10 80	G 3/8	720	70,0	16,0	145,7	50,0	10
K-07 25 10 82	G 1/2	1250	79,0	18,0	168,4	50,0	15
K-07 25 10 85	G 3/4	7000	133,0	36,0	206,0	134,0	20
K-07 25 10 88	G 1	7000	133,0	36,0	206,0	120,0	25



**Web:** <http://cat.hansa-flex.com/en/KFISPEZIPCBEHAELHKSTANDARD>

**Spare parts:**

**K-HALTERBAUSATZ STANDARD** - Holder

**K-FILTERELEMENT STANDARD** - Filter element

**K-SCHUTZKORB G** - Protective cage

**K-XV AGM MS NI** - Double nipples, parallel male thread, nickel-plated brass

**K-LOESBARE DOPPELNIPPEL MS** - Double nipples

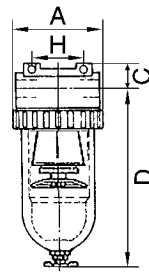
**K-FI SPEZI METALLBEHAEL M STANDAD**

## Special filters with metal bowl and manual drain valve

For all applications with particularly strict compressed air purity requirements. The separating efficiency of these filters permits very fine oil vapour particles and micro-fine suspended particles to be filtered. A standard filter should always be connected upstream to trap coarse impurities and protect the micro-filter inserts.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)  
**Media temperature:** max. 50 °C  
**Ambient temperature:** Max. 50 °C  
**Efficiency:** 99.999 %  
**Pore size in filter element:** 0.01 µm  
**Housing:** Die-cast zinc, painted silver  
**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	C mm	D mm	H mm	DN
K- 07 25 10 74	G 1/4	380	48,0	14,0	133,5	38,0	6
K- 07 25 10 77	G 3/8	380	48,0	14,0	133,5	38,0	6
K- 07 25 10 79	G 3/8	720	70,0	16,0	159,0	50,0	10
K- 07 25 10 81	G 1/2	1250	79,0	18,0	171,0	50,0	15
K- 07 25 10 84	G 3/4	7000	133,0	36,0	206,0	134,0	20
K- 07 25 10 87	G 1	7000	133,0	36,0	206,0	120,0	25



**Web:** <http://cat.hansa-flex.com/en/KFISPEZIMETALLBEHAELMSTANDAD>

**Spare parts:**

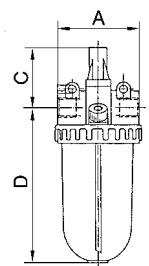
**K-HALTERBAUSATZ STANDARD** - Holder  
**K-FILTERELEMENT STANDARD** - Filter element  
**K-SCHUTZKORB G** - Protective cage  
**K-XV AGM MS NI** - Double nipples, parallel male thread, nickel-plated brass  
**K-LOESBARE DOPPELNIPPEL MS** - Double nipples

**K-NEBELOELER METALLBEHAEL T STANDARD**

## Oil-mist lubricators with metal bowl and metal sight dome

Proportional lubricators, oil can be filled under pressure.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 60 °C  
**Sealant:** NBR  
**Housing:** Die-cast zinc, painted silver  
**Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)  
**Oil grade:** CL 32 acc. to DIN 51517 - ISO VG 32  
**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN
K- 07 25 08 88	G 1/4	1200	50,0	51,0	119,5	6
K- 07 25 08 91	G 3/8	1200	50,0	51,0	119,5	6
K- 07 25 08 94	G 3/8	2400	70,0	51,0	145,0	10
K- 07 25 08 97	G 1/2	4000	79,0	55,0	157,0	15
K- 07 25 09 00	G 3/4	9000	102,0	58,0	160,0	20
K- 07 25 09 03	G 1	9000	90,0	58,0	160,0	25

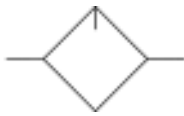


**K-NEBELOELER METALLBEHAE T STANDARD**

(Continued)

Oil-mist lubricators with metal bowl and metal sight dome

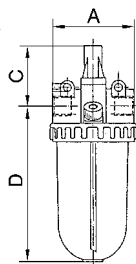
Identification	Thread	Flow rate L/min	A	C	D	DN
			mm	mm	mm	
K-07 25 09 06	G 1 1/4	9000	137,0	70,0	232,0	40
K-07 25 09 09	G 1 1/2	9000	125,0	70,0	232,0	45

Web: <http://cat.hansa-flex.com/en/KNEBELOELERMETALLBEHAETSTANDARD>**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-NEBELOELER PC-BEHAEL S STANDARD**

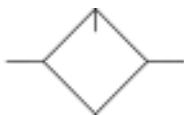
Oil-mist lubricators with polycarbonate bowl and bowl guard



Proportional lubricators, oil can be filled under pressure.

- Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)
- Media temperature:** max. 60 °C
- Ambient temperature:** Max. 60 °C
- Sealant:** NBR
- Housing:** Die-cast zinc, painted silver
- Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)
- Oil grade:** CL 32 acc. to DIN 51517 - ISO VG 32
- Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- More information:** User manual on request

Identification	Thread	Flow rate L/min	A	C	D	DN
			mm	mm	mm	
K-07 25 08 89	G 1/4	1200	50,0	51,0	118,0	6
K-07 25 08 92	G 3/8	1200	50,0	51,0	118,0	6
K-07 25 08 95	G 3/8	2400	70,0	51,0	129,5	10
K-07 25 08 98	G 1/2	4000	79,0	55,0	157,0	15
K-07 25 09 01	G 3/4	9000	102,0	58,0	160,0	20
K-07 25 09 04	G 1	9000	90,0	58,0	160,0	25
K-07 25 09 07	G 1 1/4	9000	137,0	70,0	232,0	40
K-07 25 09 10	G 1 1/2	9000	125,0	70,0	232,0	45

Web: <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELSSTANDARD>**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-SCHUTZKORB G - Protective cage
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-XV AGM MS NI - Double nipples, parallel male thread, nickel-plated brass
- K-RD NIPPEL MS NI - Reducing nipples - nickel-plated brass
- K-LOESBARE DOPPELNIPPEL MS - Double nipples
- K-TROPFAUFSATZ METALL - Drip attachment metal

**K-NEBELOELER PC-BEHAELTER STANDARD**

## Oil-mist lubricators with polycarbonate bowl

Proportional lubricators, oil can be filled under pressure.

**Input pressure:** Max. 16 bar (polycarbonate bowl / bowl guard),  
Max. 25 bar (metal bowl)

**Media temperature:** max. 60 °C

**Ambient temperature:** Max. 60 °C

**Sealant:** NBR

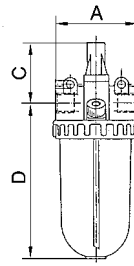
**Housing:** Die-cast zinc, painted silver

**Dropper:** PA (polycarbonate bowl), Zinc-glass-NBR (metal bowl)

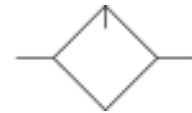
**Oil grade:** CL 32 acc. to DIN 51517 - ISO VG 32

**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	C mm	D mm	DN
K-07 25 08 87	G 1/4	1200	50,0	51,0	118,0	6
K-07 25 08 90	G 3/8	1200	50,0	51,0	118,0	6
K-07 25 08 93	G 3/8	2400	70,0	51,0	129,5	10
K-07 25 08 96	G 1/2	4000	79,0	55,0	157,0	15
K-07 25 08 99	G 3/4	9000	102,0	58,0	160,0	20
K-07 25 09 02	G 1	9000	90,0	58,0	160,0	25
K-07 25 09 05	G 1 1/4	9000	137,0	70,0	232,0	40
K-07 25 09 08	G 1 1/2	9000	125,0	70,0	232,0	45



**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELTERSTANDARD>

**Spare parts:**

**K-HALTERBAUSATZ STANDARD** - Holder

**K-TROPFAUFSATZ POLYCARBO** - Drip attachment polycarbonate

**K-SCHUTZKORB G** - Protective cage

**K-XV AGM MS NI** - Double nipples, parallel male thread, nickel-plated brass

**K-LOESBARE DOPPELNIPPEL MS** - Double nipples

**K-RD NIPPEL MS NI** - Reducing nipples - nickel-plated brass

**K-TROPFAUFSATZ METALL** - Drip attachment metal

**K-SCHUTZKORB STANDARD**







## Protective cage standard

Identification	Circuit diagram	Description	Size
K-07 25 16 45		Protective cage	BG1 (G1/4 and G 3/8)
K-07 25 16 48		Protective cage	Special-Filter (G3/4 and G1)
K-07 25 16 47		Protective cage	BG3 (G1/2) and BG4 (G3/4 and G1)
K-07 25 16 46		Protective cage	BG2 (G3/8)

**Web:** <http://cat.hansa-flex.com/en/KSCHUTZKORBSTANDARD>

**K-ERSATZBEHAELTER STANDARD FILTER M**






## Spare tank filters metal

Identification	Circuit diagram	Description
K-07 25 16 17		Metal bowl (filter)
K-07 25 16 16		Metal bowl (filter)
K-07 25 16 15		Metal bowl (filter)
K-07 25 16 10		Metal bowl (filter)
K-07 25 05 41		Metal bowl (filter)
K-07 25 05 40		Metal bowl (filter)
K-07 25 05 39		Metal bowl (filter)

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERSTANDARDFILTERM>

**K-ERSATZBEHAELTER STANDARD OELER**


## Spare tank oiler

Identification	Circuit diagram	Description
K-07 25 16 29		Metal bowl (lubricator)
K-07 25 16 30		Metal bowl (lubricator)
K-07 25 16 26		Polycarbonate bowl (lubricator)
K-07 25 16 28		Metal bowl (lubricator)
K-07 25 16 24		Polycarbonate bowl (lubricator)
K-07 25 16 25		Polycarbonate bowl (lubricator)

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERSTANDARDOELER>




**K-ERSATZBEHAELTER STANDARD FILTER P**

## Spare tank filters Polycarbonat

Identification	Circuit diagram	Description
K-07 25 16 18		Polycarbonate bowl (filter)

**K-ERSATZBEHAELTER STANDARD FILTER P**

## Spare tank filters Polycarbonat

Identification	Circuit diagram	Description
K- 07 25 16 20		Polycarbonate bowl (filter)
K- 07 25 05 43		Polycarbonate bowl (filter)
K- 07 25 16 11		Polycarbonate bowl (filter)

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELTERSTANDARDFILTERP>

**K-DICHTKEGEL KOMPL**

## Cone seal complete

Cone seal complete



Identification	Description
K- 07 25 05 25	Cone seal complete
K- 07 25 16 95	Cone seal complete

**Web:** <http://cat.hansa-flex.com/en/KDICHTKEGELKOMPL>

**K-SCHALTAFELBEFESTIGUNG**

## Switchboard attachment

Switchboard attachment



Identification	Description
K- 07 25 16 94	Switchboard attachment

**Web:** <http://cat.hansa-flex.com/en/KSCHALTAFELBEFESTIGUNG>

**K-HALTERBEFESTIGUNG**

## Bracket mounting



Bracket mounting for high-pressure regulators

**Identification**

K-07 25 05 24

**Description**

Bracket mounting

**Web:** <http://cat.hansa-flex.com/en/KHALTERBEFESTIGUNG>**K-PNEU SPEZIAL OEL**

## Special pneumatic oil



For oil-mist lubricators, pneumatic tools and pneumatic systems. Heavy-duty lubricating oil for hydraulic and pneumatic systems, type HVLP acc. to DIN 51524, Part 3. Mineral oil based for high functional and operating reliability. The high viscosity index of 190 permits several viscosity classes to be covered with one oil quality, so that smooth running is guaranteed even at very low temperatures. Good corrosion protection, excellent resistance to ageing and special wear protection assure optimal working. The oil contains no zinc compounds.

**Temp. range:** from -35 °C to + 85 °C**Note:** Further information on request**Identification**

K-07 25 10 14

**Designation**

2.5-litre-can

**Web:** <http://cat.hansa-flex.com/en/KPNEUSPEZIALOEL>**K-HALTERBAUSATZ SERIE 81**

## Holder for series 81

Holder for series 81

**Identification**

K-07 25 16 37

**Description**

Holder for service unit K-07250844 - K-07250855, socket cap screws M5x20

K-07 25 16 38














Holder for service unit K-07250856 - K-07250863, socket cap screws M8x25

**Web:** <http://cat.hansa-flex.com/en/KHALTERBAUSATZSERIE81>



**K-HALTERBAUSATZ STANDARD**




## Holder

Identification	Circuit diagram	Description
K- 07 25 17 93		Mounting bracket with 2 screws
K- 07 25 17 92		Mounting bracket with screws
K- 07 25 17 45		Control panel nut M20x1.5
K- 07 25 16 44		Mounting bracket with 2 screws
K- 07 25 16 43		Mounting bracket
K- 07 25 16 42		Mounting bracket to G 1/2
K- 07 25 16 41		Holder
K- 07 25 16 40		Mounting bracket with 2 screws
K- 07 25 16 39		Mounting bracket with 2 screws
K- 07 25 16 32		Mounting bracket with nut and washer
K- 07 25 16 31		Mounting bracket with nut and washer
K- 07 25 16 22		Panel mounting kit (lock nut M22x1)
K- 07 25 16 21		Nut M20x1.5 and washer

**Web:** <http://cat.hansa-flex.com/en/KHALTERBAUSATZSTANDARD>



**K-FILTERELEMENT STANDARD**

## Filter element

Identification	Circuit diagram	Description
K- 07 25 16 07		Filter element, borosilicate-aluminium
K- 07 25 16 06		Filter element, borosilicate-aluminium
K- 07 25 16 05		Filter element, borosilicate-aluminium

**K-FILTERELEMENT STANDARD**















## Filter element

Identification	Circuit diagram	Description
K-07 25 16 04		Filter element, borosilicate-aluminium
K-07 25 05 26		Filter element, borosilicate, microfibre non-woven material

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENTSTANDARD>








**K-FILTERELEMENT**

## Filter element

Identification	Circuit diagram	Description	Size
K-07 25 18 85		Filter element 5 µm	3
K-07 25 18 81		Filter element 5 µm	2
K-07 25 18 77		Filter element 5 µm	1
K-07 25 18 75		Filter element 5 µm	
K-07 25 18 19		Filter element 5 µm, cellpor	2
K-07 25 18 18		Filter element 5 µm, cellpor	4
K-07 25 05 51		Filter insert 40 µm, sintered bronze	
K-07 25 05 49		Filter element 50 µm, sintered bronze	
K-07 25 05 42		Filter element 40 µm, sintered bronze	
K-07 25 05 38		Filter element 60 µm, cellpor	
K-07 25 05 37		Filter element 8 µm, sintered bronze	
K-07 25 05 36		Filter insert 40 µm, sintered bronze	
K-07 25 05 35		Filter element 40 µm, cellpor	
K-07 25 05 34		Filter element 8 µm, cellpor	

**K-FILTERELEMENT**

## Filter element

Identification	Circuit diagram	Description	Size
K- 07 25 05 33		Filter insert 5 µm, cellpor	
K- 07 25 05 32		Filter element 40 µm, sintered bronze	
K- 07 25 05 31		Filter element 8 µm, sintered bronze	
K- 07 25 05 30		Filter element 40 µm, sintered bronze	
K- 07 25 05 29		Filter element 8 µm, sintered bronze	
K- 07 25 05 28		Filter element 5 µm, cellpor	
K- 07 25 05 27		Filter element 5 µm, cellpor	1

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENT>

**K-LOESBARE DOPPELNIPPEL MS**

## Double nipples

Double nipple

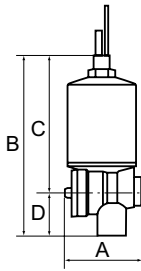


Identification	Description
K- 07 40 15 88	Reducing nipple G 1 1/2 male to G 1 1/4 female
K- 07 40 15 80	Reducing nipple G 1 male to G 3/4 female
K- 07 40 12 79	Double nipple R 1 (tapered)
K- 07 40 12 78	Double nipple R 1/2 (tapered)
K- 07 40 12 77	Double nipple R 3/8 (tapered)
K- 07 40 12 76	Double nipple R 1/4 (tapered)
K- 07 40 12 75	Double nipple G 2
K- 07 40 12 74	Double nipple G 1 1/2
K- 07 40 12 73	Double nipple G 1

**Web:** <http://cat.hansa-flex.com/en/KLOESBAREDOPPELNIPPELMS>

**K-ABLASSVENTIL AUTO**

## Fully-automatic drain valve with Adapter G 1/8



For all size G 1/4 or larger filters, filter regulators, service units and combined units. Not suitable for our miniature Series nor for the »multifix« Series. Easier to mount than the standard manual drain valve.

**Operating pressure:** min. 4 bar, max. 16 bar  
**Media:** Condensate (emulsion)  
**Port container:** G 1/8 male  
**Operating temperature:** 0 °C to +90 °C  
**Installation position:** Bowl mounted– vertical ± 10%  
**Material:** Hood : aus Messing, Gehäuse aus Kunststoff (PA)

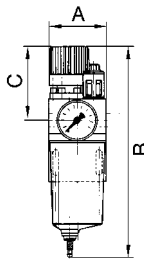
**Note:** Further information on request

Identification	Drain-side thread	A mm	B mm	C mm	D mm	DN
K-07 25 16 13	G 1/4 female	46,5	109,0	83,0	26,0	4

**Web:** <http://cat.hansa-flex.com/en/KABLASSVENTILAUTO>

**K-WTEH KOMBI PC-BEHAELTER H ABLV**

## Combination service units with polycarbonate bowl and manual drain valve



A filter, pressure regulator and oil-mist lubricator combined in a single device with an extremely compact design. The pressure setting can be locked by pushing the knob down. Oil can be filled under pressure.

**Input pressure:** Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)  
**Media temperature:** max. 50 °C  
**Ambient temperature:** Max. 50 °C  
**Pore size in filter element:** 50 µm  
**Sealant:** NBR  
**Housing:** Die-cast zinc, Spring bonnet; PA  
**Dropper:** PA  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm
K-07 25 08 44	G 1/4	0.5 - 10 bar	1400	67,0	217,0	68,5
K-07 25 08 46	G 1/4	0.5 - 16 bar	1000	67,0	217,0	68,5
K-07 25 08 48	G 3/8	0.5 - 10 bar	1400	67,0	217,0	68,5
K-07 25 08 50	G 3/8	0.5 - 16 bar	1000	67,0	217,0	68,5
K-07 25 08 52	G 1/2	0.5 - 10 bar	1400	65,0	217,0	68,5
K-07 25 08 54	G 1/2	0.5 - 16 bar	1000	65,0	217,0	68,5
K-07 25 08 56	G 3/4	0.5 - 10 bar	3400	97,0	296,5	96,5
K-07 25 08 58	G 3/4	0.5 - 16 bar	2800	97,0	296,5	96,5
K-07 25 08 60	G 1	0.5 - 10 bar	3400	93,0	296,5	96,5
K-07 25 08 62	G 1	0.5 - 16 bar	2800	93,0	296,5	96,5



**Web:** <http://cat.hansa-flex.com/en/KWTEHKOMBIPCEBEHALTERHABLV>

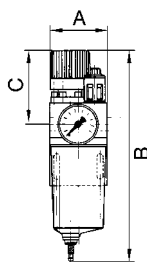
**Spare parts:**

**K-HALTERBAUSATZ SERIE 81** - Holder for series 81  
**K-ERSATZBEHAEL KOMBI** - Spare tank  
**K-SCHUTZKORB G** - Protective cage  
**K-VERSCHLEI-SATZ** - Set of wearing parts  
**K-TROPFAUFSATZ POLYCARBO** - Drip attachment polycarbonate  
**K-TROPFAUFSATZ METALL** - Drip attachment metal  
**K-FILTERELEMENT** - Filter element  
**K-ABLASSVENTIL AUTO** - Fully-automatic drain valve with Adapter G 1/8  
**K-RD NIPPEL KURZ 1** - Reducing nipples, short type  
**K-XV AGM 2** - Double nipples, parallel male thread

**K-WTEH KOMBI PC-BEHAELTER S H ABLV****Combination service units with polycarbonate bowl, bowl guard and manual drain valve**

A filter, pressure regulator and oil-mist lubricator combined in a single device with an extremely compact design. The pressure setting can be locked by pushing the knob down. Oil can be filled under pressure.

<b>Input pressure:</b>	Max. 16 bar (polycarbonate bowl), Max. 25 bar (metal bowl)
<b>Media temperature:</b>	max. 50 °C
<b>Ambient temperature:</b>	Max. 50 °C
<b>Pore size in filter element:</b>	50 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, Spring bonnet; PA
<b>Dropper:</b>	PA
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar



**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm
K-07 25 08 45	G 1/4	0.5 - 10 bar	1400	67,0	217.0 mm	68,5
K-07 25 08 47	G 1/4	0.5 - 16 bar	1000	67,0	217.0 mm	68,5
K-07 25 08 49	G 3/8	0.5 - 10 bar	1400	67,0	217.0 mm	68,5
K-07 25 08 51	G 3/8	0.5 - 16 bar	1000	67,0	217.0 mm	68,5
K-07 25 08 53	G 1/2	0.5 - 10 bar	1400	65,0	217.0 mm	68,5
K-07 25 08 55	G 1/2	0.5 - 16 bar	1000	65,0	217.0 mm	68,5
K-07 25 08 57	G 3/4	0.5 - 10 bar	3400	97,0	296.5 mm	96,5
K-07 25 08 59	G 3/4	0.5 - 16 bar	2800	97,0	296.5 mm	96,5
K-07 25 08 61	G 1	0.5 - 10 bar	3400	93,0	296.5 mm	96,5
K-07 25 08 63	G 1	0.5 - 16 bar	2800	93,0	296.5 mm	96,5







**Web:** <http://cat.hansa-flex.com/en/KWTEHKOMBIPCEHAELTERS HABL V>

**Spare parts:**

- K-HALTERBAUSATZ SERIE 81 - Holder for series 81
- K-ERSATZBEHAEL KOMBI - Spare tank
- K-SCHUTZKORB G - Protective cage
- K-VERSCHLEI-SATZ - Set of wearing parts
- K-TROPFAUFSATZ POLYCARBO - Drip attachment polycarbonate
- K-TROPFAUFSATZ METALL - Drip attachment metal
- K-FILTERELEMENT - Filter element
- K-ABLASSVENTIL AUTO - Fully-automatic drain valve with Adapter G 1/8
- K-RD NIPPEL KURZ 1 - Reducing nipples, short type
- K-XV AGM 2 - Double nipples, parallel male thread


**K-ERSATZBEHAEL KOMBI****Spare tank**

Identification	Circuit diagram	Description
K-07 25 16 35		Plastic bowl with automatic draining valve incl. O-ring for K-07250856 - K-07250863
K-07 25 16 36		Metal bowl with automatic draining valve incl. O-ring for K-07250856 - K-07250863
K-07 25 16 33		Plastic bowl with automatic draining valve incl. O-ring for K-07250844 - K-07250855
K-07 25 16 34		Metal bowl with automatic draining valve incl. O-ring for K-07250844 - K-07250855

**Web:** <http://cat.hansa-flex.com/en/KERSATZBEHAELKOMBI>

## K-SCHUTZKORB KOMBI

### Protective guard Combi

Identification	Circuit diagram	Description
K-07 25 16 50		Metal bowl guard for K-07250856 - K-07250863
K-07 25 16 49		Metal bowl guard for K-07250844 - K-07250855

Web: <http://cat.hansa-flex.com/en/KSCHUTZKORBKOMBI>

## K-ZUBEH ERSATZ WTEH ONE

### Accessories and spare parts for service units, »ONE« Series



Accessories/spare parts for maintenance unit, series "ONE"

Identification	Description
K-07 25 17 42	Filter element 5 µm
K-07 25 17 39	Filter element 20 µm
K-07 25 17 37	Threaded connection G 1/4
K-07 25 17 38	Threaded connection G 1/2
K-07 25 17 40	Electric connection cable, straight wall outlet, 5 m cable, 5-wire
K-07 25 17 41	Electric connection cable, 90° elbow wall outlet, 5 m cable, 5-wire
K-07 25 17 43	Mounting bracket incl. 2 screws



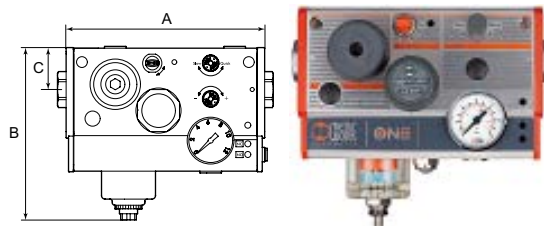
Web: <http://cat.hansa-flex.com/en/KZUBEHERSATZWTEHONE>

## K-WTEH SERIE ONE O DRS

## Service units, »ONE« Series, without pressure switch

Multifunctional service unit with 6 or 7 functions in a single device: 3/2-way valve (manually operated), filter with automatic drain valve, air ports, pressure regulator, pressure gauge, soft start valve and optional: pressure switch. This combination of extremely good flow rates and a wide range of functions integrated in a single, compact unit saves valuable space and is unmatched by any similar product available in the market! Soft starting independently of the load and easy replacement of the filter cartridge under pressure are just two of the other outstanding features of this amazing device.

**Input pressure:** Max. 10 bar  
**Temp. range:** -10 °C to +50 °C  
**Media:** Compressed air  
**Protection IP:** IP 65  
**Working pressure:** 0.5 - 8 bar  
**Pressure switches:** Changeover contact  
**Pore size in filter element:** 20 µm  
**Flow rate measurement:** At 6,3 bar and  $\Delta p = 1$  bar  
**Note:** Further information on request



**Ordering information:** This unit can also be supplied with many other combinations of functions and port sizes. We will be pleased to make you an offer to match your individual specification on request!

Identification	Connection	Flow rate L/min	A mm	B	C mm	Voltage
K-07 25 13 79	G 1/4	2400	165,5	144.0 mm	35,0	24 V DC (for valves and pressure switch)
K-07 25 13 80	G 3/8	3300	165,5	144.0 mm	35,0	24 V DC (for valves and pressure switch)
K-07 25 13 81	G 1/2"	4000	165,5	144.0 mm	35,0	24 V DC (for valves and pressure switch)

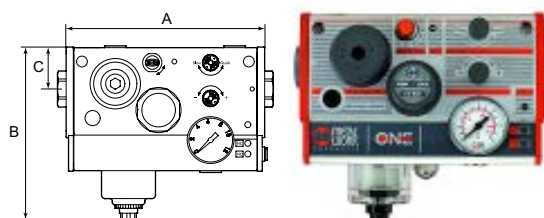
**Web:** <http://cat.hansa-flex.com/en/KWTEHSERIEONEODRS>

## K-WTEH SERIE ONE M DRS

## Service units, »ONE« Series, with pressure switch

Multifunctional service unit with 6 or 7 functions in a single device: 3/2-way valve (manually operated), filter with automatic drain valve, air ports, pressure regulator, pressure gauge, soft start valve and optional: pressure switch. This combination of extremely good flow rates and a wide range of functions integrated in a single, compact unit saves valuable space and is unmatched by any similar product available in the market! Soft starting independently of the load and easy replacement of the filter cartridge under pressure are just two of the other outstanding features of this amazing device.

**Input pressure:** Max. 10 bar  
**Temp. range:** -10 °C to +50 °C  
**Media:** Compressed air  
**Protection IP:** IP 65  
**Working pressure:** 0.5 - 8 bar  
**Pressure switches:** Changeover contact  
**Pore size in filter element:** 20 µm  
**Flow rate measurement:** At 6,3 bar and  $\Delta p = 1$  bar  
**Note:** Further information on request



**Ordering information:** This unit can also be supplied with many other combinations of functions and port sizes. We will be pleased to make you an offer to match your individual specification on request!

Identification	Connection	Flow rate L/min	A mm	B	C mm	Voltage
K-07 25 13 82	G 1/4	2400	165,5	144.0 mm	35,0	24 V DC (for valves and pressure switch)
K-07 25 13 83	G 3/8	3300	165,5	144.0 mm	35,0	24 V DC (for valves and pressure switch)
K-07 25 13 84	G 1/2"	4000	165,5	144.0 mm	35,0	24 V DC (for valves and pressure switch) →

## K-WTEH SERIE ONE M DRS

(Continued)

## Service units, »ONE« Series, with pressure switch

- ① Drucklufteingang mit drehbarem Gewindeanschluss
- ② Befestigungsbohrungen
- ③ Zugang zur Filterpatrone
- ④ Druckregelung
- ⑤ Abschaltventil (manuell)
- ⑥ Handhilfsbetätigung (elektrisches Abschaltventil)
- ⑦ Einstellung des Softstartventiles
- ⑧ Druckschaltereinstellung (optional)
- ⑨ Druckluftausgang mit drehbarem Gewindeanschluss
- ⑩ LED-Anzeige zum Einschaltzustand
- ⑪ LED-Anzeige für Druckschalter (Druck unter eingestelltem Wert) (optional)
- ⑫ LED-Anzeige für Druckschalter (Druck über eingestelltem Wert) (optional)
- ⑬ 5-poliger elektrischer M12x1 Stecker
- ⑭ Manometer
- ⑮ 1/4" Luftabnahme. Eine weitere Abnahme für gefilterte und geregelte Luft und eine Abnahme für gefilterte, unregelte Luft sind oben
- ⑯ Entlüftung mit einem Schalldämpfer G1/4"
- ⑰ Kondensatbehälter
- ⑱ Kondensatablass mit G1/8"-Gewinde (bei vollautomatisch - RA)
- ⑲ Anzeige für Filterverschmutzung (auf Anfrage)



- |  |   |
|--|---|
| ① Air intake, with swivel threaded port        | ⑪ LED signalling pressure below the value set on the pressure switch (optional)                                 |
| ② Fixing holes                                 | ⑫ LED signalling pressure above the value set on the pressure switch (optional)                                 |
| ③ Access to filter cartridge                   | ⑬ 5-pin M12x1 electrical connector  |
| ④ Pressure regulation                          | ⑭ Pressure gauges   |
| ⑤ Shut-off (manual)                            | ⑮ 1/4" air intake. Another regulated air intake and a filtered non-regulated air intake are situated on the top |
| ⑥ Manual override (shut-off valve, electrical) | ⑯ Air exhaust with a G 1/4" silencer  |
| ⑦ Soft start valve regulation                  | ⑰ Condensate bowl   |
| ⑧ Switching pressure regulation (optional)     | ⑱ Condensate drain with G1/8" thread (for RA only)  |
| ⑨ Air outlet, with swivel threaded port        | ⑲ Clogged filter signal (on request)  |
| ⑩ LED signalling unit ON                       |   |

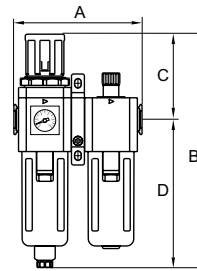
Web: <http://cat.hansa-flex.com/en/KWTEHSERIEONEMDRS>



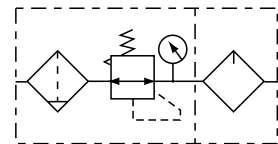
**K-WTEH 2-TLG PC-BEHAEL S W H G-MINI**

Service units, 2-piece with polycarbonate bowl and joiner for wall mounting, semi-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 09	G 1/8	1.5 - 9 bar	500	88,0	161,0 mm	68,0	93,0	200
K-07 25 14 10	G 1/4	1.5 - 9 bar	500	88,0	161,0 mm	68,0	93,0	200



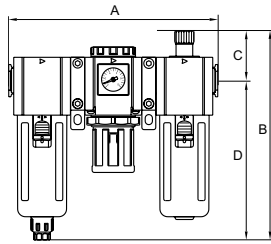
**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCBEHAELSWHGMINI>

**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-FILTERELEMENT - Filter element
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

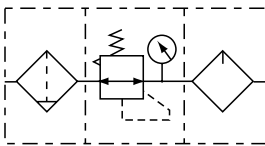
**K-WTEH 3-TLG PC-BEHAEL S W H G-MINI**

Service units, 3-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, semi-automatic drain valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 35	G 1/8	1.5 - 9 bar	500	138,0	132,0 mm	39,0	93,0	200
K-07 25 14 36	G 1/4	1.5 - 9 bar	500	138,0	132,0 mm	39,0	93,0	200



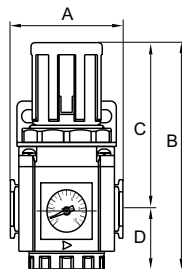
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCBEHAELSWHGMINI>

**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-FILTERELEMENT - Filter element
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

**K-DRG MANO HALTEWINKEL G-MINI**

3/2-way shut-off valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 05 19	G 1/8	0.5 - 9 bar	1200	38,0	89,0 mm	63,5	25,5	200
K-07 25 05 20	G 1/4	0.5 - 9 bar	1200	38,0	89,0 mm	63,5	25,5	200



**Web:** <http://cat.hansa-flex.com/en/KDRGMANOHALTEWINKELGMINI>

**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

**K-VERBINDUNGSELEMENTE**

## Connecting sets

Joiner without wall mounting



Identification	Description
K- 07 25 19 21	Joiner without wall mounting
K- 07 25 19 22	Joiner without wall mounting
K- 07 25 19 19	Joiner without wall mounting
K- 07 25 19 20	Joiner without wall mounting

**Web:** <http://cat.hansa-flex.com/en/KVERBINDUNGSELEMENTE>

**K-WANDHALTER**

## Wall bracket

Wall brackets



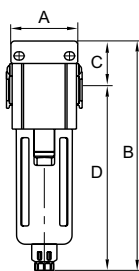
Identification	Description
K- 07 25 19 17	Joiner with wall mounting, 2 drilled holes
K- 07 25 19 18	Joiner with wall mounting, 2 drilled holes
K- 07 25 19 15	Joiner with wall mounting, 2 drilled holes
K- 07 25 19 16	Joiner with wall mounting, 2 drilled holes
K- 07 25 19 13	Joiner with wall mounting, 1 drilled hole
K- 07 25 19 14	Joiner with wall mounting, 1 drilled hole
K- 07 25 19 11	Joiner with wall mounting, 1 drilled hole
K- 07 25 19 12	Joiner with wall mounting, 1 drilled hole



**Web:** <http://cat.hansa-flex.com/en/KWANDHALTER>

**K-FI PC-BEHAELTER HW G-MINI**

## Filters



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	1.5 - 9 bar
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 06 49	G 1/8	950	38,0	110,0 mm	17,0	93,0	200
K-07 25 06 50	G 1/4	950	38,0	110,0 mm	17,0	93,0	200



**Web:** <http://cat.hansa-flex.com/en/KFIPCBEHAELTERHWGMINI>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

**K-HALTERBAUSATZ** - Holder

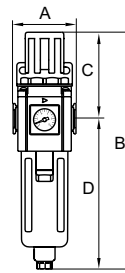
**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

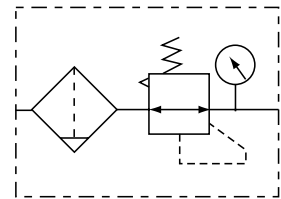
## K-FI REGL PC-BEHAELTER HW G-MINI

## Filter regulators

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 07 09	G 1/8	1.5 - 9 bar	1000	38,0	161,0 mm	68,0	93,0	200
K-07 25 07 10	G 1/4	1.5 - 9 bar	1000	38,0	161,0 mm	68,0	93,0	200



**Web:** <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELTERHWGMINI>

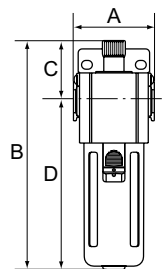
**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-FILTERELEMENT - Filter element
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

## K-NEBELOELER PC-BEHAELTER HW G-MINI

## Oil-mist lubricators

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	0.5 - 9 bar
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 08 75	G 1/8	1950	38,0	119,0 mm	39,0	80,0	200
K-07 25 08 76	G 1/4	1950	38,0	119,0 mm	39,0	80,0	200



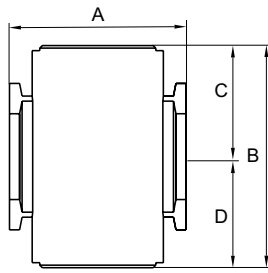
**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELTERHWGMINI>

**Accessories:**

- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

## K-VT 2 ABGAENGE G-MINI

### Manifolds



**Input pressure:** 0 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Housing:** Die-cast aluminium  
**More information:** User manual on request

Identification	Thread	A mm	B mm	C mm	D mm	Size
K-07 25 12 31	G 1/8	28,5	36.0 mm	18,0	18,0	200
K-07 25 12 32	G 1/4	28,5	36.0 mm	18,0	18,0	200

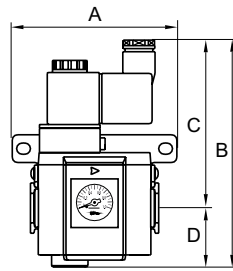
**Web:** <http://cat.hansa-flex.com/en/KVT2ABGAENGE GMINI>

**Accessories:**

- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

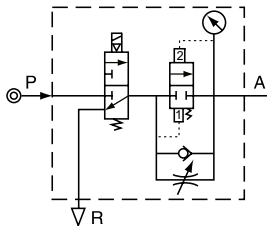
## K-3/2 ANFAV230 VAC, 50 HZ HW G-MINI

### Start-up valves, power supply 230 V AC, 50 Hz, with »HW« mounting bracket and silencer



**Input pressure:** 2.5 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Electrical connection:** Coupler plug PG 9 - form B  
**Sealant:** NBR  
**Housing:** Die-cast aluminium  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request

Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 12 25	G 1/8	550	59,0	123.5 mm	93,5	30,0	200
K-07 25 12 27	G 1/4	550	59,0	123.5 mm	93,5	30,0	200



**Web:** <http://cat.hansa-flex.com/en/K32ANFAV230VAC50HZHWGMINI>

**Accessories:**

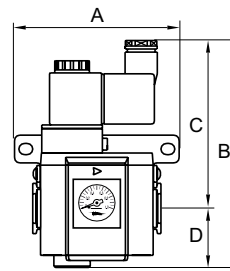
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket
- K-HALTERBAUSATZ - Holder

8

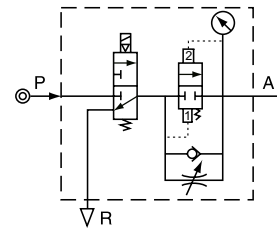
**K-3/2 ANFAV 24 V DC HW G-MINI**

Start-up valves, power supply 24 V DC, with »HW« mounting bracket and silencer

**Input pressure:** 2.5 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Electrical connection:** Coupler plug PG 9 - form B  
**Sealant:** NBR  
**Housing:** Die-cast aluminium  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 12 26	G 1/8	550	59,0	123.5 mm	93,5	30,0	200
K-07 25 12 28	G 1/4	550	59,0	123.5 mm	93,5	30,0	200



**Web:** <http://cat.hansa-flex.com/en/K32ANFAV24VDCHWGMINI>

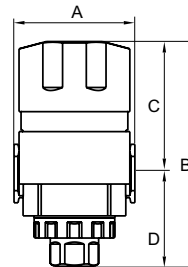
**Accessories:**

**K-WANDHALTER** - Wall bracket  
**K-HALTERBAUSATZ** - Holder

**K-3/2 ABSPERRVENTILE HW SCHL G-MINI**

3/2-way shut-off valve

**Input pressure:** 0 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Vent port:** G 1/4  
**Sealant:** NBR  
**Housing:** Die-cast aluminium  
**Toggle:** Plastic  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 12 29	G 1/8	1750	38,0	89,0 mm	52,5	36,5	200
K-07 25 12 30	G 1/4	1750	38,0	89,0 mm	52,5	36,5	200






**Web:** <http://cat.hansa-flex.com/en/K32ABSPERRVENTILEHWSCHLGMINI>

**Accessories:**

**K-VERBINDUNGSELEMENTE** - Connecting sets  
**K-WANDHALTER** - Wall bracket  
**K-HALTERBAUSATZ** - Holder

**K-ERSATZBEHAELTER G UND G-MINI MET**











## Spare tanks »G« Series and »G-mini« Series metal

Identification	Circuit diagram	Description	Size
K-07 25 18 92		Metal bowl with sight glass for oil-mist lubricators	3
K-07 25 18 86		Metal bowl with sight glass and automatic drain valve for filters/filter regulators	3
K-07 25 18 84		Metal bowl with sight glass and semi-automatic drain valve for filters/filter regulators	3

Web: <http://cat.hansa-flex.com/en/KERSATZBEHAELTERGUNDGMINIMET>

**K-ERSATZBEHAELTER G UND G-MINI POLY**

## Spare tanks »G« Series and »G-mini« Series Polycarbonat

Identification	Circuit diagram	Description	Size
K-07 25 18 90		Polycarbonate bowl for oil-mist lubricators	2
K-07 25 18 91		Polycarbonate bowl with bowl guard for oil-mist lubricators	2
K-07 25 18 88		Polycarbonate bowl for oil-mist lubricators	1
K-07 25 18 89		Polycarbonate bowl with bowl guard for oil-mist lubricators	1
K-07 25 18 83		Polycarbonate bowl with automatic drain valve for filters/filter regulators	2
K-07 25 18 87		Polycarbonate bowl for oil-mist lubricators	
K-07 25 18 79		Polycarbonate bowl with automatic drain valve for filters/filter regulators	1
K-07 25 18 80		Polycarbonate bowl with semi-automatic drain valve for filters/filter regulators	2
K-07 25 18 74		Polycarbonate bowl with semi-automatic drain valve for filters/filter regulators	
K-07 25 18 76		Polycarbonate bowl with semi-automatic drain valve for filters/filter regulators	1

Web: <http://cat.hansa-flex.com/en/KERSATZBEHAELTERGUNDGMINIPOLY>



**K-ERSATZMEMBRANE**

## Replacement diaphragm

Replacement diaphragm



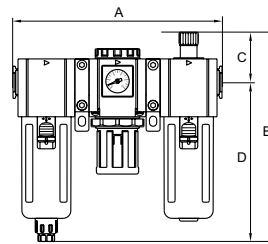
Identification	Description	Size
K- 07 25 18 99	Replacement diaphragm	2
K- 07 25 19 02	Replacement diaphragm	3
K- 07 25 18 94	Replacement diaphragm	Series G MINI
K- 07 25 18 97	Replacement diaphragm	1

**Web:** <http://cat.hansa-flex.com/en/KERSATZMEMBRANE>

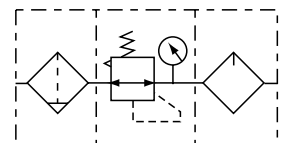
**K-WTEH 3-TLG MET SICH WAND V G**

Service units, 3-piece with metal bowl, sight glass and joiner for wall mounting, fully-automatic drain valve

**Input pressure:** Max. 10 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Pore size in filter element:** 5 µm  
**Sealant:** NBR  
**Spring bonnet:** POM  
**Housing:** Die-cast aluminium  
**Dropper:** Brass/POM  
**Drain valve:** Semi- or fully-automatic  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K- 07 25 14 32	G 3/4	1.5 - 9 bar	3750	295,0	280.5 mm	61,5	219,0	600
K- 07 25 14 34	G 1	1.5 - 9 bar	3750	295,0	280.5 mm	61,5	219,0	600



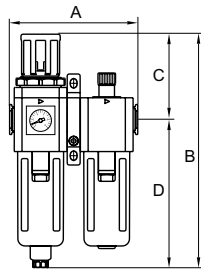
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGMETSICHWANDVVG>

**Accessories:**

**K-VERSCHLEI-SATZ** - Set of wearing parts  
**K-ERSATZMEMBRANE** - Replacement diaphragm  
**K-ADAPTERPLATTEN HANSA** - Adapter plate HANSA  
**K-FILTERELEMENT** - Filter element  
**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat  
**K-VERBINDUNGSELEMENTE** - Connecting sets  
**K-WANDHALTER** - Wall bracket

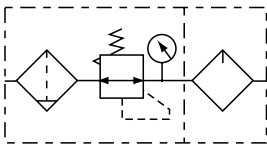
**K-WTEH 2-TLG PC SCHU WAND H G**

Service units, 2-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, semi-automatic drain valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 13 95	G 1/4	1.5 - 9 bar	1050	115,0	225.5 mm	82,5	143,0	300
K-07 25 13 97	G 3/8	1.5 - 9 bar	1350	115,0	225.5 mm	82,5	143,0	300
K-07 25 13 99	G 1/2	1.5 - 9 bar	1350	115,0	225.5 mm	82,5	143,0	300
K-07 25 14 01	G 3/8	1.5 - 9 bar	3100	152,0	270.5 mm	104,0	166,5	400
K-07 25 14 03	G 1/2	1.5 - 9 bar	3100	152,0	270.5 mm	104,0	166,5	400



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCSCHUWANDHG>

**Accessories:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-ERSATZMEMBRANE** - Replacement diaphragm

**K-ADAPTERPLATTEN HANSA** - Adapter plate HANSA

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

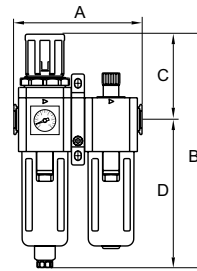
**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

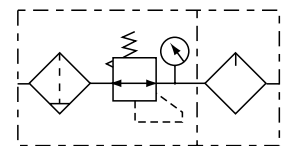
**K-WTEH 2-TLG MET SICH WAND H G**

Service units, 2-piece with metal bowl, sight glass and joiner for wall mounting, semi-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K- 07 25 14 05	G 3/4	1.5 - 9 bar	4200	190,0	363,0 mm	144,0	219,0	600
K- 07 25 14 07	G 1	1.5 - 9 bar	4200	190,0	363,0 mm	144,0	219,0	600



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGMETSICHWANDHG>

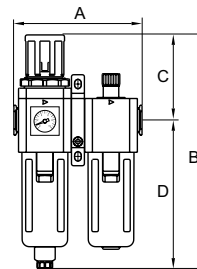
**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-FILTERELEMENT - Filter element
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

**K-WTEH 2-TLG PC SCHU WAND V G**

Service units, 2-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, fully-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K- 07 25 13 96	G 1/4	1.5 - 9 bar	1050	115,0	225.5 mm	82,5	143,0	300
K- 07 25 13 98	G 3/8	1.5 - 9 bar	1350	115,0	225.5 mm	82,5	143,0	300
K- 07 25 14 00	G 1/2	1.5 - 9 bar	1350	115,0	225.5 mm	82,5	143,0	300

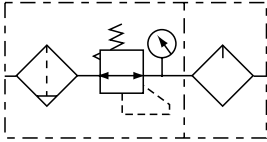


**K-WTEH 2-TLG PC SCHU WAND V G**

(Continued)

Service units, 2-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, fully-automatic drain valve

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 02	G 3/8	1.5 - 9 bar	3100	152,0	270.5 mm	104,0	166,5	400
K-07 25 14 04	G 1/2	1.5 - 9 bar	3100	152,0	270.5 mm	104,0	166,5	400



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGPCSCHUWANDVG>

**Accessories:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-ERSATZMEMBRANE** - Replacement diaphragm

**K-ADAPTERPLATTEN HANSA** - Adapter plate HANSA

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

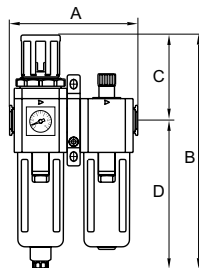
**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

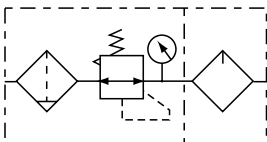
**K-WTEH 2-TLG MET SICH WAND V G**

Service units, 2-piece with metal bowl, sight glass and joiner for wall mounting, fully-automatic drain valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop Δp = 1 bar
<b>More information:</b>	User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 06	G 3/4	1.5 - 9 bar	4200	190,0	363,0 mm	144,0	219,0	600
K-07 25 14 08	G 1	1.5 - 9 bar	4200	190,0	363,0 mm	144,0	219,0	600



**Web:** <http://cat.hansa-flex.com/en/KWTEH2TLGMETSICHWANDVG>

**Accessories:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-ERSATZMEMBRANE** - Replacement diaphragm

**K-ADAPTERPLATTEN HANSA** - Adapter plate HANSA

**K-FILTERELEMENT** - Filter element

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

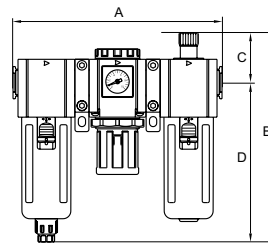
**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

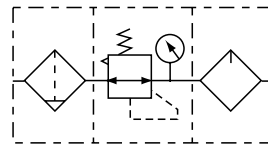
**K-WTEH 3-TLG PC-BEHAEL S W H G**

Service units, 3-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, semi-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 21	G 1/4	1.5 - 9 bar	1100	179,0	187.0 mm	44,0	143,0	300
K-07 25 14 23	G 3/8	1.5 - 9 bar	1400	179,0	187.0 mm	44,0	143,0	300
K-07 25 14 25	G 1/2	1.5 - 9 bar	1400	179,0	187.0 mm	44,0	143,0	300
K-07 25 14 27	G 3/8	1.5 - 9 bar	2950	236,0	214.5 mm	48,0	166,5	400
K-07 25 14 29	G 1/2	1.5 - 9 bar	2950	236,0	214.5 mm	48,0	166,5	400



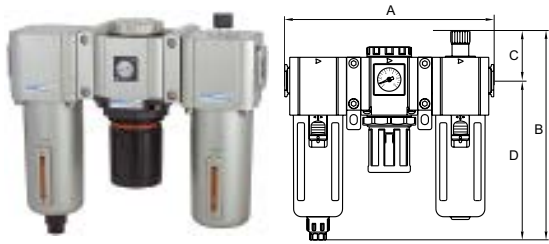
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGPCBEHAELSWHG>

**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

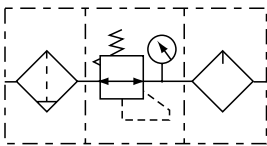
### K-WTEH 3-TLG MET SICH WAND H G

Service units, 3-piece with metal bowl, sight glass and joiner for wall mounting, semi-automatic drain valve



- Input pressure:** Max. 10 bar
- Media temperature:** max. 70 °C
- Ambient temperature:** Max. 70 °C
- Pore size in filter element:** 5 µm
- Sealant:** NBR
- Spring bonnet:** POM
- Housing:** Die-cast aluminium
- Dropper:** Brass/POM
- Drain valve:** Semi- or fully-automatic
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop Δp = 1 bar
- More information:** User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 31	G 3/4	1.5 - 9 bar	3750	295,0	280.5 mm	61,5	219,0	600
K-07 25 14 33	G 1	1.5 - 9 bar	3750	295,0	280.5 mm	61,5	219,0	600



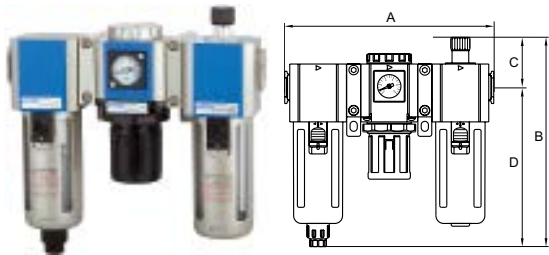
**Web:** <http://cat.hansa-flex.com/en/KWTEH3TLGMETSICHWANDHG>

**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-FILTERELEMENT - Filter element
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

### K-WTEH 3-TLG PC SCHU WAND V G

Service units, 3-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, fully-automatic drain valve



- Input pressure:** Max. 10 bar
- Media temperature:** max. 70 °C
- Ambient temperature:** Max. 70 °C
- Pore size in filter element:** 5 µm
- Sealant:** NBR
- Spring bonnet:** POM
- Housing:** Die-cast aluminium
- Dropper:** Brass/POM
- Drain valve:** Semi- or fully-automatic
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop Δp = 1 bar
- More information:** User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 22	G 1/4	1.5 - 9 bar	1100	179,0	187.0 mm	44,0	143,0	300
K-07 25 14 24	G 3/8	1.5 - 9 bar	1400	179,0	187.0 mm	44,0	143,0	300
K-07 25 14 26	G 1/2	1.5 - 9 bar	1400	179,0	187.0 mm	44,0	143,0	300

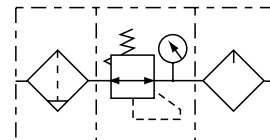


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**K-WTEH 3-TLG PC SCHU WAND V G**

Service units, 3-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, fully-automatic drain valve

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 14 28	G 3/8	1.5 - 9 bar	2950	236,0	214.5 mm	48,0	166,5	400
K-07 25 14 30	G 1/2	1.5 - 9 bar	2950	236,0	214.5 mm	48,0	166,5	400



Web: <http://cat.hansa-flex.com/en/KWTEH3TLGPCSCHUWANDVG>

**Accessories:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-ERSATZMEMBRANE** - Replacement diaphragm

**K-ADAPTERPLATTEN HANSA** - Adapter plate HANSA

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

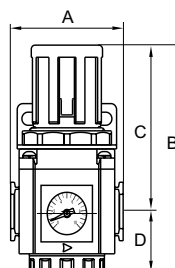
**K-VERBINDUNGELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

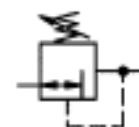
**K-DRG MANO HW G**

Pressure regulators

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Control range:</b>	0,5 - 9 bar
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 05 12	G 1/4	1650	51,0	112.5 mm	83,5	29,0	300
K-07 25 05 13	G 3/8	2500	51,0	112.5 mm	83,5	29,0	300
K-07 25 05 14	G 1/2	2500	51,0	112.5 mm	83,5	29,0	300
K-07 25 05 15	G 3/8	4000	68,0	140.5 mm	104,0	36,5	400
K-07 25 05 16	G 1/2	4000	68,0	140.5 mm	104,0	36,5	400
K-07 25 05 17	G 3/4	12000	85,0	191.5 mm	141,5	50,0	600
K-07 25 05 18	G 1	12000	85,0	191.5 mm	141,5	50,0	600



Web: <http://cat.hansa-flex.com/en/KDRGMANOHWG>

**Accessories:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-ERSATZMEMBRANE** - Replacement diaphragm

**K-ADAPTERPLATTEN HANSA** - Adapter plate HANSA

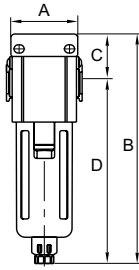
**K-HALTERBAUSATZ** - Holder

**K-VERBINDUNGELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

**K-FI PC-BEHAELTER H ABLV HW G**

Filters with polycarbonate bowl, bowl guard and »HW« mounting bracket, semi-automatic drain valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	1.5 - 9 bar
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 06 35	G 1/4	1550	51,0	164,0 mm	21,0	143,0	1
K-07 25 06 37	G 3/8	1800	51,0	164,0 mm	21,0	143,0	1
K-07 25 06 39	G 1/2	1800	51,0	164,0 mm	21,0	143,0	1
K-07 25 06 41	G 3/8	4900	68,0	191,5 mm	25,0	166,5	2
K-07 25 06 43	G 1/2	4900	68,0	191,5 mm	25,0	166,5	2



**Web:** <http://cat.hansa-flex.com/en/KFIPCBEHAELTERHABLVHWG>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

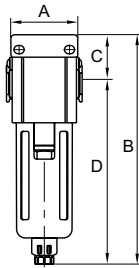
**K-HALTERBAUSATZ** - Holder

**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

**K-FI METALLBEHAEL SICHT H G**

Filters with metal bowl, sight glass and »HW« mounting bracket, semi-automatic drain valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	1.5 - 9 bar
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 06 45	G 3/4	7800	85,0	256,0 mm	37,0	219,0	3
K-07 25 06 47	G 1	7800	85,0	256,0 mm	37,0	219,0	3



**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELSICHTHG>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

**K-HALTERBAUSATZ** - Holder

**K-VERBINDUNGSELEMENTE** - Connecting sets

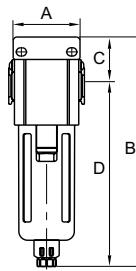
**K-WANDHALTER** - Wall bracket



**K-FI METALLBEHAEL SICHT V G**

Filters with metal bowl, sight glass and »HW« mounting bracket, fully-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	1.5 - 9 bar
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K- 07 25 06 46	G 3/4	7800	85,0	256,0 mm	37,0	219,0	3
K- 07 25 06 48	G 1	7800	85,0	256,0 mm	37,0	219,0	3



**Web:** <http://cat.hansa-flex.com/en/KFIMETALLBEHAELSICHTVG>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

**K-HALTERBAUSATZ** - Holder

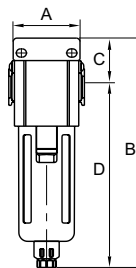
**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

**K-FI PC-BEHAELTER V ABLV HW G**

Filters with polycarbonate bowl, bowl guard and »HW« mounting bracket, fully-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	1.5 - 9 bar
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K- 07 25 06 36	G 1/4	1550	51,0	164,0 mm	21,0	143,0	1
K- 07 25 06 38	G 3/8	1800	51,0	164,0 mm	21,0	143,0	1
K- 07 25 06 40	G 1/2	1800	51,0	164,0 mm	21,0	143,0	1
K- 07 25 06 42	G 3/8	4900	68,0	191,5 mm	25,0	166,5	2
K- 07 25 06 44	G 1/2	4900	68,0	191,5 mm	25,0	166,5	2



**Web:** <http://cat.hansa-flex.com/en/KFIPCEHAELTERVABLVHWG>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-SCHUTZKORB G** - Protective cage

**K-FILTERELEMENT** - Filter element

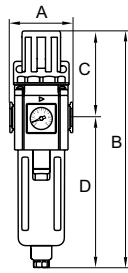
**K-HALTERBAUSATZ** - Holder

**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

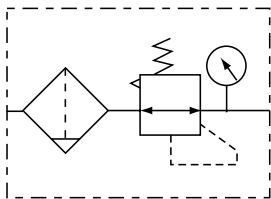
**K-FI REGL PC-BEHAELTER S H HW G**

Filter regulators with polycarbonate bowl, bowl guard and »HW« mounting bracket, semi-automatic drain valve



<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 06 95	G 1/4	1.5 - 9 bar	1450	51,0	225.5 mm	82,5	143,0	300
K-07 25 06 97	G 3/8	1.5 - 9 bar	1750	51,0	225.5 mm	82,5	143,0	300
K-07 25 06 99	G 1/2	1.5 - 9 bar	1750	51,0	225.5 mm	82,5	143,0	300
K-07 25 07 01	G 3/8	1.5 - 9 bar	3750	68,0	270.5 mm	104,0	166,5	400
K-07 25 07 03	G 1/2	1.5 - 9 bar	3750	68,0	270.5 mm	104,0	166,5	400



**Web:** <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELTERSHHWG>

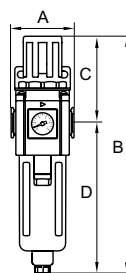
**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

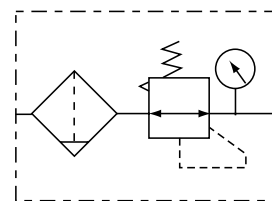
**K-FI REGL METALLBEHAE H HW G**

Filter regulators with metal bowl, sight glass and »HW« mounting bracket, semi-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 07 05	G 3/4	1.5 - 9 bar	7000	85,0	363,0 mm	144,0	219,0	600
K-07 25 07 07	G 1	1.5 - 9 bar	7000	85,0	363,0 mm	144,0	219,0	600



**Web:** <http://cat.hansa-flex.com/en/KFIREGLMETALLBEHAEHWWG>

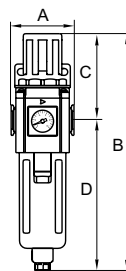
**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-FILTERELEMENT - Filter element
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

**K-FI REGL PC-BEHAEALTER S V HW G**

Filter regulators with polycarbonate bowl, bowl guard and »HW« mounting bracket, fully-automatic drain valve

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Pore size in filter element:</b>	5 µm
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Drain valve:</b>	Semi- or fully-automatic
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 06 96	G 1/4	1.5 - 9 bar	1450	51,0	225.5 mm	82,5	143,0	300
K-07 25 06 98	G 3/8	1.5 - 9 bar	1750	51,0	225.5 mm	82,5	143,0	300
K-07 25 07 00	G 1/2	1.5 - 9 bar	1750	51,0	225.5 mm	82,5	143,0	300

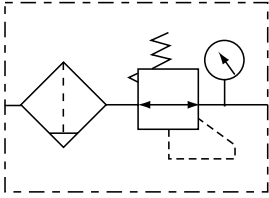


**K-FI REGL PC-BEHAELTER S V HW G**

(Continued)

Filter regulators with polycarbonate bowl, bowl guard and »HW« mounting bracket, fully-automatic drain valve

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 07 02	G 3/8	1.5 - 9 bar	3750	68,0	270.5 mm	104,0	166,5	400
K-07 25 07 04	G 1/2	1.5 - 9 bar	3750	68,0	270.5 mm	104,0	166,5	400



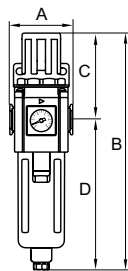
Web: <http://cat.hansa-flex.com/en/KFIREGLPCBEHAELTERSVHWG>

**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-SCHUTZKORB G - Protective cage
- K-FILTERELEMENT - Filter element
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

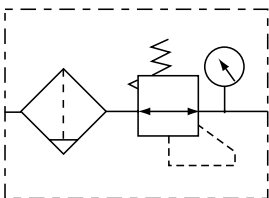
**K-FI REGL METALLBEHAE V HW G**

Filter regulators with metal bowl, sight glass and »HW« mounting bracket, fully-automatic drain valve



- Input pressure:** Max. 10 bar
- Media temperature:** max. 70 °C
- Ambient temperature:** Max. 70 °C
- Pore size in filter element:** 5 µm
- Sealant:** NBR
- Spring bonnet:** POM
- Housing:** Die-cast aluminium
- Drain valve:** Semi- or fully-automatic
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar
- More information:** User manual on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	Size
K-07 25 07 06	G 3/4	1.5 - 9 bar	7000	85,0	363,0 mm	144,0	219,0	600
K-07 25 07 08	G 1	1.5 - 9 bar	7000	85,0	363,0 mm	144,0	219,0	600



Web: <http://cat.hansa-flex.com/en/KFIREGLMETALLBEHAEVHWG>

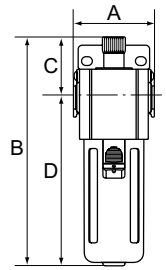
**Accessories:**

- K-VERSCHLEI-SATZ - Set of wearing parts
- K-ERSATZMEMBRANE - Replacement diaphragm
- K-ADAPTERPLATTEN HANSA - Adapter plate HANSA
- K-ERSATZBEHAELTER G UND G-MINI POLY - Spare tanks »G« Series and »G-mini« Series Polycarbonat
- K-FILTERELEMENT - Filter element
- K-HALTERBAUSATZ - Holder
- K-VERBINDUNGSELEMENTE - Connecting sets
- K-WANDHALTER - Wall bracket

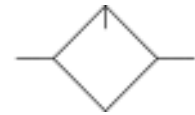
**K-NEBELOELER PC-BEHAELTER HW G**

Oil-mist lubricators with polycarbonate bowl, bowl guard and »HW« mounting bracket

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	0.5 - 9 bar
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K- 07 25 08 68	G 1/4	2200	51,0	169,0 mm	44,0	125,0	300
K- 07 25 08 69	G 3/8	2650	51,0	169,0 mm	44,0	125,0	300
K- 07 25 08 70	G 1/2	2650	51,0	169,0 mm	44,0	125,0	300
K- 07 25 08 71	G 3/8	7500	68,0	190,0 mm	48,0	142,0	400
K- 07 25 08 72	G 1/2	7500	68,0	190,0 mm	48,0	142,0	400



**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERPCBEHAELTERHWG>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

**K-HALTERBAUSATZ** - Holder

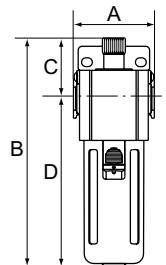
**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

**K-NEBELOELER METALLBEHAELTER HW G**

Oil-mist lubricators with metal bowl, sight glass and »HW« mounting bracket

<b>Input pressure:</b>	Max. 10 bar
<b>Media temperature:</b>	max. 70 °C
<b>Ambient temperature:</b>	Max. 70 °C
<b>Working pressure:</b>	0.5 - 9 bar
<b>Sealant:</b>	NBR
<b>Spring bonnet:</b>	POM
<b>Housing:</b>	Die-cast aluminium
<b>Dropper:</b>	Brass/POM
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar
<b>More information:</b>	User manual on request



Identification	Thread	Flow rate L/min	A mm	B	C mm	D mm	Size
K- 07 25 08 73	G 3/4	10650	85,0	256,0 mm	61,5	194,5	600
K- 07 25 08 74	G 1	10650	85,0	256,0 mm	61,5	194,5	600



**Web:** <http://cat.hansa-flex.com/en/KNEBELOELERMETALLBEHAELTERHWG>

**Accessories:**

**K-ERSATZBEHAELTER G UND G-MINI POLY** - Spare tanks »G« Series and »G-mini« Series Polycarbonat

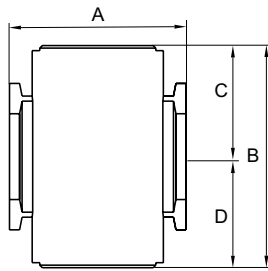
**K-HALTERBAUSATZ** - Holder

**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

## K-VT 2 ABGAENGE G

### Manifolds



**Input pressure:** 0 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Sealant:** NBR  
**Housing:** Die-cast aluminium  
**More information:** User manual on request

Identification	Thread	A mm	B mm	C mm	D mm	Size
K-07 25 12 19	G 1/4	35,0	44,0 mm	22,0	22,0	200
K-07 25 12 20	G 3/8	35,0	44,0 mm	22,0	22,0	200
K-07 25 12 21	G 3/8	42,0	52,0 mm	26,0	26,0	300
K-07 25 12 22	G 1/2	42,0	52,0 mm	26,0	26,0	300
K-07 25 12 23	G 3/4	60,0	76,0 mm	38,0	38,0	600
K-07 25 12 24	G 1	60,0	76,0 mm	38,0	38,0	600

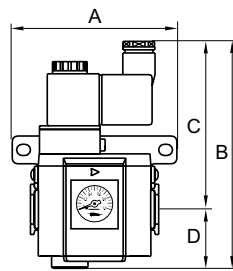
**Web:** <http://cat.hansa-flex.com/en/KVT2ABGAENGE>

**Accessories:**

**K-VERBINDUNGSELEMENTE** - Connecting sets  
**K-WANDHALTER** - Wall bracket

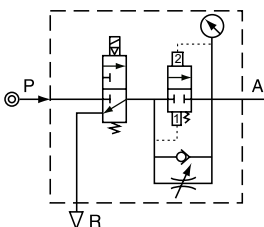
## K-3/2 ANFAV 230 V AC, 50 HZ HW G

### Start-up valves, power supply 230 V AC, 50 Hz, with »HW« mounting bracket and silencer



**Input pressure:** 2.5 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Electrical connection:** Coupler plug PG 9 - form B  
**Sealant:** NBR  
**Housing:** Die-cast aluminium  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request

Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 12 04	G 1/4	1600	65,0	131,0 mm	97,0	34,0	300
K-07 25 12 06	G 3/8	2500	65,0	131,0 mm	97,0	34,0	300
K-07 25 12 08	G 1/2	2500	65,0	131,0 mm	97,0	34,0	300
K-07 25 12 10	G 3/8	4500	78,0	142,5 mm	102,0	40,5	400
K-07 25 12 12	G 1/2	4500	78,0	142,5 mm	102,0	40,5	400



**Web:** <http://cat.hansa-flex.com/en/K32ANFAV230VAC50HZHWG>

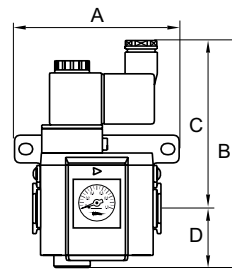
**Accessories:**

**K-VERBINDUNGSELEMENTE** - Connecting sets  
**K-WANDHALTER** - Wall bracket  
**K-HALTERBAUSATZ** - Holder

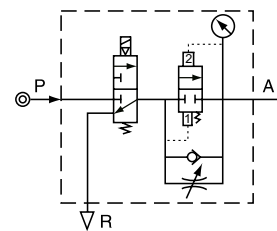
**K-3/2 ANFAV 24 V DC HW G**

Start-up valves, power supply 24 V DC, with »HW« mounting bracket and silencer

**Input pressure:** 2.5 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Electrical connection:** Coupler plug PG 9 - form B  
**Sealant:** NBR  
**Housing:** Die-cast aluminium  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 12 05	G 1/4	1600	65,0	131.0 mm	97,0	34,0	300
K-07 25 12 07	G 3/8	2500	65,0	131.0 mm	97,0	34,0	300
K-07 25 12 09	G 1/2	2500	65,0	131.0 mm	97,0	34,0	300
K-07 25 12 11	G 3/8	4500	78,0	142.5 mm	102,0	40,5	400
K-07 25 12 13	G 1/2	4500	78,0	142.5 mm	102,0	40,5	400



**Web:** <http://cat.hansa-flex.com/en/K32ANFAV24VDCHWG>

**Accessories:**

**K-VERBINDUNGSELEMENTE** - Connecting sets

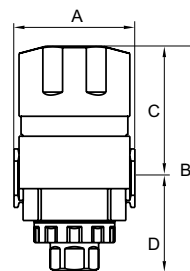
**K-WANDHALTER** - Wall bracket

**K-HALTERBAUSATZ** - Holder

**K-3/2 ABSPERRVENTILE HW SCHL G**

3/2-way shut-off valve

**Input pressure:** 0 - 9 bar  
**Media temperature:** max. 70 °C  
**Ambient temperature:** Max. 70 °C  
**Vent port:** G 3/8 (K-07251214, K-07251215, K-07251216),  
G 1/2 (K-07251217, K-07251218)  
**Sealant:** NBR  
**Housing:** Die-cast-Aluminium  
**Toggle:** Plastic  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar  
**More information:** User manual on request



Identification	Thread	Flow rate L/min	A mm	B mm	C mm	D mm	Size
K-07 25 12 14	G 1/4	1600	51,0	112.5 mm	66,5	46,0	300
K-07 25 12 15	G 3/8	2500	51,0	112.5 mm	66,5	46,0	300
K-07 25 12 16	G 1/2	2500	51,0	112.5 mm	66,5	46,0	300
K-07 25 12 17	G 3/8	6200	63,0	134.0 mm	75,5	58,5	400
K-07 25 12 18	G 1/2	6200	63,0	134.0 mm	75,5	58,5	400



**Web:** <http://cat.hansa-flex.com/en/K32ABSPERRVENTILEHWSCHLG>

**Accessories:**



**K-VERBINDUNGSELEMENTE** - Connecting sets

**K-WANDHALTER** - Wall bracket

**K-HALTERBAUSATZ** - Holder

## K-SCHUTZKORB G

### Protective cage

Identification	Circuit diagram	Description	Size
K-07 25 18 82		Protective cage	2
K-07 25 18 78		Protective cage	1

Web: <http://cat.hansa-flex.com/en/KSCHUTZKORB G>

## K-ADAPTERPLATTEN G

### Adapter plate series G

Adapter plate



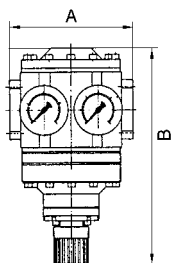
Identification	Description	Size
K-07 25 18 95	Adapter plate for mounting standard pressure gauges (round)	1
K-07 25 19 00	Adapter plate for mounting standard pressure gauges (round)	2+3



Web: <http://cat.hansa-flex.com/en/KADAPTERPLATTEN G>

## K-GROSSDRUCKREGLER

### Large pressure regulators



Diaphragm pressure regulators, independent of inlet pressure, with internal pilot control and self-relieving design. Separate indication of input and working pressure on two pressure gauges. The pressure setting can be locked by pushing the button down. We recommend always using these controllers in conjunction with our K-07250615 and K-07250615 filters.

**Input pressure:** Max. 40 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 90 °C  
**Flow rate:** 2500 l/min  
**Sealant:** NBR  
**Housing:** Aluminium  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

Note: Further information on request

Identification	Thread	Control range	A mm	B	DN
K-07 25 08 11	G 1 1/2	0.5 - 6 bar	180,0	246.0 mm	50



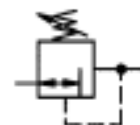


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**K-GROSSDRUCKREGLER**

## Large pressure regulators

Identification	Thread	Control range	A mm	B	DN
K-07 25 08 12	G 1 1/2	0.5 - 10 bar	180,0	246.0 mm	50
K-07 25 08 13	G 1 1/2	0.5 - 16 bar	180,0	246.0 mm	50
K-07 25 08 14	G 1 1/2	0.5 - 25 bar	180,0	246.0 mm	50
K-07 25 08 15	G 2	0.5 - 6 bar	160,0	246.0 mm	50
K-07 25 08 16	G 2	0.5 - 10 bar	160,0	246.0 mm	50
K-07 25 08 17	G 2	0.5 - 16 bar	160,0	246.0 mm	50
K-07 25 08 18	G 2	0.5 - 25 bar	160,0	246.0 mm	50



**Web:** <http://cat.hansa-flex.com/en/KGROSSDRUCKREGLER>

**Spare parts:**

**K-HALTERBAUSATZ** - Holder

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-XV AGM 2** - Double nipples, parallel male thread

**K-HOCHDRUCKREGLER 60 BAR**

## High-pressure regulators up to 60 bar

Reversible piston-type pressure regulator, virtually independent of inlet pressure, with self-relieving design, manufactured entirely in brass. Specially designed for high pressures up to 60 bar. Pressure catch with counter nut.

**Applications:** Compressed air and other neutral, non-flammable gases

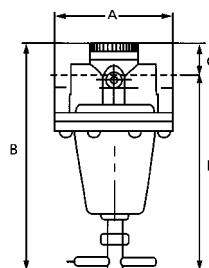
**Input pressure:** Max. 60 bar

**Operating temperature:** -10 °C to +90 °C

**Sealant:** NBR

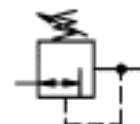
**Material:** Brass

**Flow rate measurement:** At P1 = 20 bar, P2 = 10 bar and pressure drop  $\Delta p = 4$  bar



**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 08 19	G 3/8	0.5 - 12 bar	1400	72,0	164.0 mm	31,0	133,0
K-07 25 08 20	G 3/8	1 - 20 bar	1400	72,0	164.0 mm	31,0	133,0
K-07 25 08 21	G 3/8	2 - 35 bar	1400	72,0	164.0 mm	31,0	133,0
K-07 25 08 22	G 3/8	2 - 50 bar	1400	72,0	164.0 mm	31,0	133,0
K-07 25 08 23	G 1	0.5 - 12 bar	5000	118,0	257.0 mm	51,0	206,0
K-07 25 08 24	G 1	1 - 20 bar	5000	118,0	257.0 mm	51,0	206,0
K-07 25 08 25	G 1	2 - 35 bar	5000	118,0	257.0 mm	51,0	206,0
K-07 25 08 26	G 1	3 - 50 bar	5000	118,0	257.0 mm	51,0	206,0



**Web:** <http://cat.hansa-flex.com/en/KHOCHDRUCKREGLER60BAR>

**Spare parts:**

**K-DICHTKEGEL KOMPL** - Cone seal complete

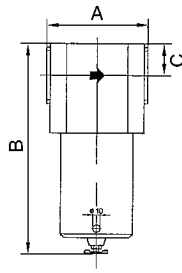
**Accessories:**

**K-HALTERBAUSATZ** - Holder

**K-SCHALTAFELBEFESTIGUNG** - Switchboard attachment

**K-FI H ABLV BIS 40BAR**

Filters for high pressures up to 40 bar



Centrifugal separators with a sintered filter element.

**Input pressure:** Max. 40 bar  
**Media temperature:** max. 60 °C  
**Ambient temperature:** Max. 90 °C  
**Pore size in filter element:** 40 µm  
**Housing:** Aluminium  
**Condensate container:** Brass (G 3/8 to G 1). Alu (G 1 1/2 to G 2)  
**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 1$  bar

Note: Further information on request

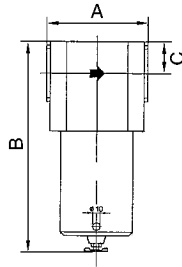
Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 06 11	G 3/8	2650	73,0	194.0 mm	32,5
K-07 25 06 12	G 1/2	2650	65,0	194.0 mm	32,5
K-07 25 06 13	G 3/4	3350	92,0	205.0 mm	40,0
K-07 25 06 14	G 1	3350	80,0	205.0 mm	40,0
K-07 25 06 15	G 1 1/2	20000	160,0	284.0 mm	42,5
K-07 25 06 16	G 2	20000	140,0	284.0 mm	42,5

Web: <http://cat.hansa-flex.com/en/KFIHABLVBIS40BAR>**Spare parts:**

**K-DICHTKEGEL KOMPL** - Cone seal complete  
**K-FILTERELEMENT** - Filter element  
**K-RD NIPPEL KURZ 1** - Reducing nipples, short type  
**K-XV AGM 2** - Double nipples, parallel male thread

**K-FI BIS 60BAR**

Filters for high pressures up to 60 bar



Centrifugal separators with a sintered filter element.

**Input pressure:** Max. 60 bar  
**Operating temperature:** 0 °C to +90 °C  
**Pore size in filter element:** 40 µm  
**Sealant:** NBR  
**Container:** Brass  
**Housing:** Aluminium  
**Flow rate measurement:** At P2 = 6 bar and pressure drop  $\Delta p = 0,5$  bar

Note: Further information on request

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 06 17	G 3/8	2660	73,0	187.0 mm	25,0
K-07 25 06 18	G 1/2	2660	65,0	187.0 mm	25,0
K-07 25 06 19	G 3/4	6000	92,0	196.0 mm	29,0
K-07 25 06 20	G 1	6000	80,0	196.0 mm	29,0

Web: <http://cat.hansa-flex.com/en/KFIBIS60BAR>**Spare parts:**

**K-FILTERELEMENT** - Filter element

**Accessories:**

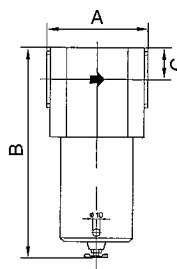
**K-HALTERBAUSATZ** - Holder

**K-FI MIKRO BIS 60 BAR****Micro-filters for high pressures up to 60 bar**

Fine filter for all applications with particularly strict compressed air purity requirements. Micro-filters should always be used in conjunction with a standard filter connected upstream to trap coarse impurities and protect the micro-filter inserts.

<b>Input pressure:</b>	Max. 60 bar
<b>Operating temperature:</b>	0 °C to +90 °C
<b>Efficiency:</b>	99.9999 %
<b>Pore size in filter element:</b>	0.01 µm
<b>Sealant:</b>	NBR
<b>Container:</b>	Brass
<b>Filter element:</b>	Borosilicate
<b>Housing:</b>	Aluminium
<b>Flow rate measurement:</b>	At P2 = 6 bar and pressure drop $\Delta p = 0,5$ bar

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B mm	C mm
K- 07 25 06 21	G 3/8	2000	73,0	187.0 mm	25,0
K- 07 25 06 22	G 1/2	2000	65,0	187.0 mm	25,0
K- 07 25 06 23	G 3/4	2300	92,0	196.0 mm	29,0
K- 07 25 06 24	G 1	2300	80,0	196.0 mm	29,0



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROBIS60BAR>

**Spare parts:**

**K-FILTERELEMENT STANDARD** - Filter element

**Accessories:**

**K-HALTERBAUSATZ** - Holder

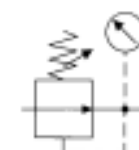
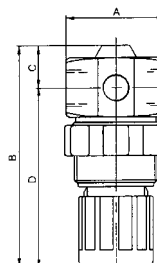
**K-DRG FLUESSIGE MEDIEN O MANO VA****Stainless steel pressure regulators 1.4571**

Diaphragm pressure regulators with non-self-relieving design. The pressure setting can be locked by pushing the knob down.

<b>Input pressure:</b>	Max. 25 bar
<b>Media temperature:</b>	max. 80 °C
<b>Ambient temperature:</b>	Max. 80 °C
<b>Sealant:</b>	FKM
<b>Compression spring:</b>	Stainless steel (10 bar variant), Steel (2 and 6 bar variants)
<b>Housing:</b>	Stainless steel V4A (1.4571)
<b>Internal parts:</b>	Stainless steel V4A (1.4571)
<b>Diaphragm:</b>	FKM
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p \leq 1$ bar

**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm
K- 07 25 02 12	G 1/4	0.1 - 2 bar	400	36,0	81.0 mm	16,0	65,0
K- 07 25 02 13	G 1/4	0.2 - 6 bar	400	36,0	81.0 mm	16,0	65,0
K- 07 25 02 14	G 1/4	0.5 - 10 bar	350	36,0	81.0 mm	16,0	65,0



**Web:** <http://cat.hansa-flex.com/en/KDRGFLUESSIGEMEDIENOMANOVA>

**Spare parts:**

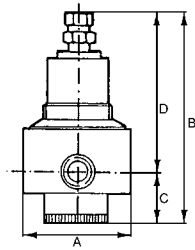
**K-HALTERBAUSATZ** - Holder

**K-MANO 3** - Pressure gauge

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-DRG RUECKSTERERBAR M MANO VA**

Reversible, stainless steel pressure regulators with self-relieving design, stainless steel pressure gauge



Stainless steel regulators containing no non-ferrous metals for use in the food processing, chemical, mining, plant construction and special machinery industries as well as in the medical technology.

**Input pressure:** Max. 30 bar (Control range 0.5 - 8.0 bar), Max. 50 bar (Control range 1.0 - 15.0 bar)  
**Media temperature:** max. 80 °C  
**Ambient temperature:** Max. 80 °C  
**Sealant:** FKM  
**Diaphragm:** PTFE  
**Material:** stainless steel 1.4404 (AISI 316L)  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p \leq 1$  bar

**Note:** Further information on request

**Ordering information:** NPT thread available on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 02 06	G 1/4	0.5 - 8.0 bar	200	65,0	162.0 mm	37,0	125,0
K-07 25 02 07	G 1/4	1.0 - 15.0 bar	330	65,0	162.0 mm	37,0	125,0
K-07 25 02 04	G 1/2	0.5 - 8.0 bar	660	80,0	164.0 mm	37,0	127,0
K-07 25 02 05	G 1/2	1.0 - 15.0 bar	1800	80,0	164.0 mm	37,0	127,0



**Web:** <http://cat.hansa-flex.com/en/KDRGRUECKSTERERBARMMANOVA>

**Spare parts:**

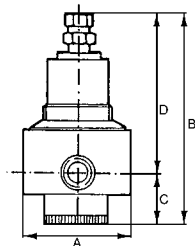
**K-HALTERBAUSATZ EDELSTAHL** - Holder

**K-MANO** - Pressure gauges (CrNi steel type / connection on rear)

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-DRG FL RUECKSTERERBAR M MANO VA**

Non-reversible, stainless steel pressure regulators for liquid media, stainless steel pressure gauge



Stainless steel regulators containing no non-ferrous metals for use in the food processing, chemical, mining, plant construction and special machinery industries as well as in the medical technology.

**Input pressure:** Max. 30 bar (Control range 0.5 - 8.0 bar), Max. 50 bar (Control range 1.0 - 15.0 bar)  
**Media temperature:** max. 80 °C  
**Ambient temperature:** Max. 80 °C  
**Sealant:** FKM  
**Diaphragm:** PTFE on NBR base  
**Material:** stainless steel 1.4404 (AISI 316L)  
**Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p \leq 1$  bar

**Note:** Further information on request

**Ordering information:** NPT thread available on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 02 10	G 1/4	0.5 - 8.0 bar	200	65,0	162.0 mm	37,0	125,0
K-07 25 02 11	G 1/4	1.0 - 15.0 bar	330	65,0	162.0 mm	37,0	125,0

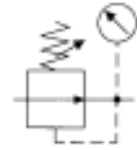


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**K-DRG FL RUECKSTERERBAR M MANO VA**

Non-reversible, stainless steel pressure regulators for liquid media, stainless steel pressure gauge

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K- 07 25 02 08	G 1/2	0.5 - 8.0 bar	660	80,0	164.0 mm	37,0	127,0
K- 07 25 02 09	G 1/2	1.0 - 15.0 bar	1800	80,0	164.0 mm	37,0	127,0



**Web:** <http://cat.hansa-flex.com/en/KDRGFLRUECKSTERERBARMMANOVA>

**Spare parts:**

**K-HALTERBAUSATZ EDELSTAHL** - Holder

**K-MANO** - Pressure gauges (CrNi steel type / connection on rear)

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-FI REGL H ABLV VA**

Filter regulators

Stainless steel filter regulators with self-relieving (not for liquid media) containing no non-ferrous metals for use in the food processing, chemical, mining, plant construction and special machinery industries as well as in the medical technology.

**Input pressure:** Max. 30 bar

**Media temperature:** max. 130 °C

**Ambient temperature:** Max. 60 °C

**Flow rate:** 2500 l/min

**Pore size in filter element:** 50 µm

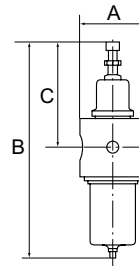
**Sealant:** FKM

**Diaphragm:** PTFE on NBR base

**Material:** stainless steel 1.4404 (AISI 316L)

**Drain valve:** Manual drain valve

**Flow rate measurement:** At P1 = 10 bar, P2 = 5 bar and pressure drop  $\Delta p \leq 1$  bar



**Note:** Further information on request

**Ordering information:** With filter element 5 µm available on request. Without self-relieving design (for liquids) available on request. With semi- or fully automatic drain valve on request. With NPT threads available on request.

Identification	Thread	Control range	A mm	B	C mm
K- 07 25 06 52	G 1/4	1.0 - 15.0 bar	65,0	250.0 mm	125,0
K- 07 25 06 51	G 1/2	1.0 - 15.0 bar	80,0	260.0 mm	127,0



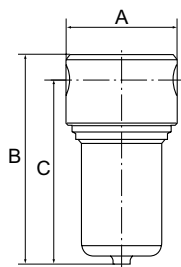
**Web:** <http://cat.hansa-flex.com/en/KFIREGLHABLVVA>

**Spare parts:**

**K-HALTERBAUSATZ EDELSTAHL** - Holder

**K-MANO** - Pressure gauges (CrNi steel type / connection on rear)

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-FI VA****Filters**

Stainless steel filters containing no non-ferrous metals for use in the food processing, chemical, mining, plant construction and special machinery industries as well as in the medical technology.

<b>Input pressure:</b>	Max. 50 bar
<b>Media temperature:</b>	max. 80 °C
<b>Ambient temperature:</b>	Max. 80 °C
<b>Pore size in filter element:</b>	50 µm
<b>Sealant:</b>	FKM
<b>Material:</b>	stainless steel 1.4404 (AISI 316L)
<b>Drain valve:</b>	Locking screw
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p \leq 0.6$ bar

**Note:** Further information on request

**Ordering information:** Important: This is not a sterile filter! With filter element 5 µm available on request. With manual or fully automatic drain valve on request. With NPT threads available on request.

Identification	Thread	Flow rate L/min	A mm	B	C mm
K-07 25 05 59	G 1/4	2500	64,0	139.0 mm	125,0
K-07 25 05 58	G 1/2	3400	80,0	150.0 mm	130,0



**Web:** <http://cat.hansa-flex.com/en/KFIVA>

**Spare parts:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**Accessories:**

**K-HALTERBAUSATZ** - Holder

**K-MANO 3****Pressure gauge**

Pressure gauges



Identification	Description
K-07 20 03 80	Pressure gauge Ø 40 mm G 1/8 male 0-2,5 bar
K-07 20 03 81	Pressure gauge Ø 40 mm G 1/8 male 0-10 bar

**Web:** <http://cat.hansa-flex.com/en/KMANO3>

**K-HALTERBAUSATZ EDELSTAHL**

## Holder

Fixing bracket with nut



Identification	Description
K- 07 25 15 51	Mounting bracket with nut M45x1.5
K- 07 25 15 52	Mounting bracket with nut M50x1.5

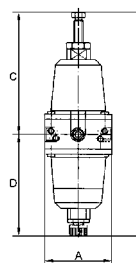
**Web:** <http://cat.hansa-flex.com/en/KHALTERBAUSATZEDELSTAHL>

**K-PRAEZISIONSFILTERREGLER**

## Precision filter regulators

Diaphragm pressure regulators containing no non-ferrous metals, with selfrelieving design, combined with a centrifugal separator for applications requiring an extremely accurate working pressure.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Media:</b>	Micro-filtered, unooled compressed air (0.01 µm)
<b>Port for pressure gauge:</b>	G 1/4
<b>Pore size in filter element:</b>	10 µm
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Internal air consumption:</b>	0.01 l/min, depending on input pressure and control range



**Note:** The given flow rates are based on the following parameters: 750 l/min: P1: 8 bar, P2: 2 bar,  $\Delta p \leq 0.2$  bar 750 l/min: P1: 8 bar, P2: 3 bar,  $\Delta p \leq 0.5$  bar 750 l/min: P1: 8 bar, P2: 5 bar,  $\Delta p \leq 0.7$  bar Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm
K- 07 25 09 86	G 1/4	0.1 - 2 bar	750	60,0	216.0 mm	120,0	96,0
K- 07 25 09 87	G 1/4	0.1 - 3 bar	750	60,0	216.0 mm	120,0	96,0
K- 07 25 09 88	G 1/4	0.2 - 5 bar	750	60,0	216.0 mm	120,0	96,0



**Web:** <http://cat.hansa-flex.com/en/KPRAEZISIONSFILTERREGLER>

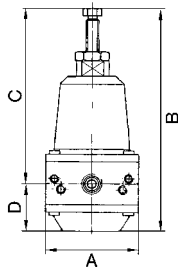
**Spare parts:**

**K-HALTERBAUSATZ STANDARD** - Holder

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-PRAEZI DRUCKREGLER MEM**

## Precision pressure regulators



Diaphragm pressure regulators containing no non-ferrous metals, with self-relieving design for applications requiring a precise working pressure.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Media:</b>	Micro-filtered, unoiled compressed air (0.01 µm)
<b>Port for pressure gauge:</b>	G 1/4
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Internal air consumption:</b>	0.01 l/min, depending on input pressure and control range

**Note:** The given flow rates are based on the following parameters: 750 l/min: P1: 8 bar, P2: 2 bar,  $\Delta p \leq 0.2$  bar 750 l/min: P1: 8 bar, P2: 3 bar,  $\Delta p \leq 0.5$  bar 750 l/min: P1: 8 bar, P2: 5 bar,  $\Delta p \leq 0.7$  bar Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 09 36	G 1/4	0.1 - 2 bar	750	60,0	152.0 mm	120,0	32,0
K-07 25 09 37	G 1/4	0.1 - 3 bar	750	60,0	152.0 mm	120,0	32,0
K-07 25 09 38	G 1/4	0.2 - 5 bar	750	60,0	152.0 mm	120,0	32,0



**Web:** <http://cat.hansa-flex.com/en/KPRAEZIDRUCKREGLERMEM>

**Spare parts:**

K-HALTERBAUSATZ STANDARD - Holder

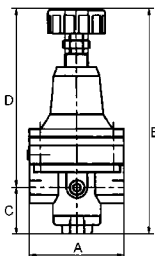
K-VERSCHLEI-SATZ - Set of wearing parts

K-FILTERELEMENT - Filter element

K-XV AGM 2 - Double nipples, parallel male thread

**K-PRAEZI DRUCKREGL OHNE EIGENLUF**

## Precision pressure regulators without air consumption



Diaphragm pressure regulators with self-relieving design for applications requiring an accurate working pressure.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 80 °C
<b>Ambient temperature:</b>	Max. 80 °C
<b>Media:</b>	Fine-filtered (5 µm), unlubricated compressed air, neutral gases
<b>Port for pressure gauge:</b>	G 1/4
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Valve cone, diaphragm:</b>	FPM

**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 09 39	G 1/4	0 - 1 bar	600	82,0	148.0 mm	19,5	128,5
K-07 25 09 40	G 1/4	0.1 - 3 bar	760	82,0	148.0 mm	19,5	128,5
K-07 25 09 41	G 1/4	0.2 - 6 bar	550	82,0	148.0 mm	19,5	128,5
K-07 25 09 42	G 1/4	0.5 - 10 bar	400	82,0	148.0 mm	19,5	128,5



**Web:** <http://cat.hansa-flex.com/en/KPRAEZIDRUCKREGLOHNEEIGENLUF>

**Accessories:**

K-HALTERBAUSATZ STANDARD - Holder

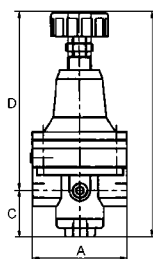


**K-PRAEZI DRUCKREGLER SELU**

## Precision pressure regulators

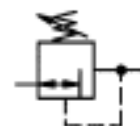
With high flow rate and large secondary relief port. Diaphragm pressure regulators with large secondary relief port for applications requiring an extremely accurate working pressure, especially at high flow rates.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Media:</b>	Micro-filtered, unooled compressed air (0.01 µm)
<b>Port for pressure gauge:</b>	G 1/4
<b>Vent port:</b>	G 3/8 (for mounting a silencer)
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Internal air consumption:</b>	1.5 - 6 l/min, depending on input pressure and control range



**Note:** The given flow rates are based on the following parameters: 1200 l/min: P1: 5 bar, P2: 3 bar,  $\Delta p \leq 0.1$  bar 1400 l/min: P1: 7 bar, P2: 5 bar,  $\Delta p \leq 0.1$  bar 1500 l/min: P1: 10 bar, P2: 7 bar,  $\Delta p \leq 0.1$  bar. Wear parts kit not supplied! Pressure regulator may only be opened in the factory! Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	C mm	D mm
K-07 25 09 28	G 1/4	0.05 - 3 bar	700	82,0	43,5	159,0
K-07 25 09 29	G 1/4	0.05 - 7 bar	1500	82,0	43,5	159,0
K-07 25 09 30	G 3/8	0.05 - 3 bar	3000	82,0	43,5	159,0
K-07 25 09 31	G 3/8	0.05 - 7 bar	5500	82,0	43,5	159,0
K-07 25 09 32	G 1/2	0.05 - 3 bar	3000	82,0	43,5	159,0
K-07 25 09 33	G 1/2	0.05 - 5 bar	4500	82,0	43,5	159,0
K-07 25 09 34	G 1/2	0.05 - 7 bar	5500	82,0	43,5	159,0



**Web:** <http://cat.hansa-flex.com/en/KPRAEZIDRUCKREGLERSELU>

**Spare parts:**

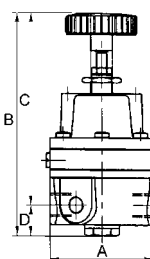
- K-HALTERBAUSATZ STANDARD - Holder
- K-KM MS - Hexagonal lock nuts, brass
- K-SCHALLDAEPFER VYON - Vyon silencers
- K-FILTERELEMENT - Filter element
- K-XV AGM 2 - Double nipples, parallel male thread

**K-PRAEZI DRUCKREGL MEM SELU**

## Precision pressure regulators

Diaphragm pressure regulators with self-relieving design for applications requiring an extremely accurate working pressure.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Media:</b>	Micro-filtered, unooled compressed air (0.01 µm)
<b>Port for pressure gauge:</b>	G 1/8
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc
<b>Internal air consumption:</b>	2.2 - 4.5 l/min, depending on input pressure and control range



**Note:** The given flow rates are based on the following parameters: 450 l/min: P1: 5 bar, P2: 2 bar,  $\Delta p \leq 0.1$  bar 570 l/min: P1: 7 bar, P2: 4 bar,  $\Delta p \leq 0.1$  bar Attention! Wear parts kit not supplied! Pressure regulator may only be opened in the factory! 850 l/min: P1: 10 bar, P2: 7 bar,  $\Delta p \leq 0.1$  bar. Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B mm	C mm	D mm
K-07 25 09 43	G 1/4	0.05 - 2 bar	450	58,0	124,0 mm	107,0	17,0

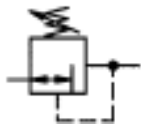


**K-PRAEZI DRUCKREGL MEM SELU**

(Continued)

**Precision pressure regulators**

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 09 44	G 1/4	0.05 - 4 bar	570	58,0	124.0 mm	107,0	17,0
K-07 25 09 45	G 1/4	0.05 - 7 bar	850	58,0	124.0 mm	107,0	17,0



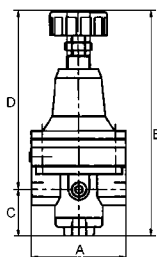
Web: <http://cat.hansa-flex.com/en/KPRAEZIDRUCKREGLMEMSELU>

**Spare parts:**

- K-HALTERBAUSATZ - Holder
- K-FILTERELEMENT - Filter element
- K-MANO NIPPEL - Nipples for pressure gauges
- K-XV AGM 2 - Double nipples, parallel male thread

**K-PRAEZIONS STEUERREGLER**

**Precision pilot regulators (feedback)**



Diaphragm pressure regulator for feedback systems, specially designed for use in a pneumatically controlled closed control loop in combination with a pressure regulator with pneumatic remote control, e.g. our Art. Nos. K-07250505 to K-07250510.

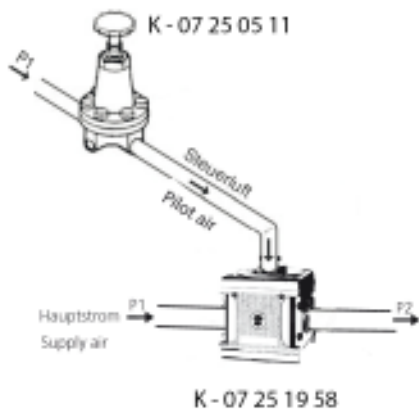
- Input pressure:** Max. 16 bar
- Media temperature:** max. 80 °C
- Ambient temperature:** Max. 80 °C
- Port for pressure gauge:** For feedback pressure
- Sealant:** FKM
- Housing:** Die-cast zinc
- Diaphragm:** FKM
- Internal air consumption:** 3 to 6 l/min

Note: Further information on request

Identification	Circuit diagram	Thread	Control range	A mm	B	C mm	D mm
K-07 25 05 11		G 1/4	0.2 - 7 bar	82,0	142.8 mm	19,4	123,4

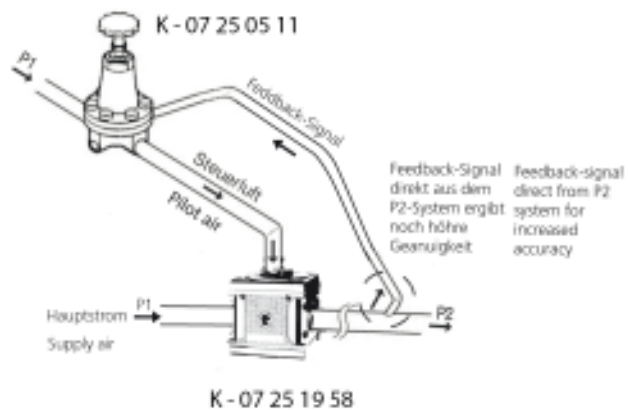
**Einsatzbeispiel Variante 1 mit Pilotregler**

Application example 1 with pilot pressure regulator



**Einsatzbeispiel Variante 2 mit Pilotregler mit Feedback-Signal**

Application example 2 with pilot pressure regulator with feedback-signal



Web: <http://cat.hansa-flex.com/en/KPRAEZIONSSTEUERREGLER>

**Accessories:**

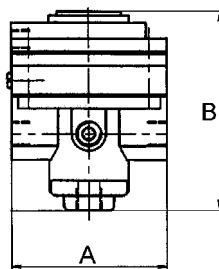
- K-HALTERBAUSATZ STANDARD - Holder

**K-DRG PNEU FERNGESTEUERT**

**Pressure regulators pneumatic remote control**

Diaphragm pressure regulators, self-relieving, with pneumatic remote control. The full functionality is assured in combination with a pilot regulator. We recommend using one of our precision or standard pressure regulators with a G 1/4 port as the pilot regulator. To design a closed control loop similar to the sketch below (K-07250511), please use our precision pilot regulator (feedback).

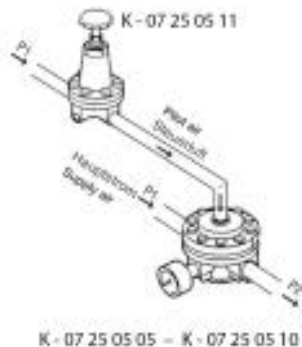
- Input pressure:** Max. 25 bar
- Output pressure:** Acc. to pilot regulator
- Media temperature:** max. 80 °C
- connection for pneumatic remote control:** G 1/4
- Operating temperature:** Max. 80 °C
- Sealant:** NBR
- Housing:** Die-cast zinc (G1/2). Aluminium (G3/4 to G2)
- Flow rate measurement:** At P1 = 8 bar, P2 = 6 bar and pressure drop  $\Delta p = 1$  bar



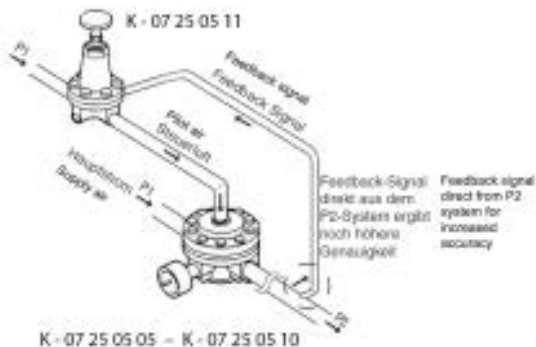
**Note:** Further information on request

Identification	Circuit diagram	Thread	Flow rate L/min	A mm	B mm
K-07 25 05 05		G 1/2	5200	82,0	68.0 mm
K-07 25 05 06		G 3/4	14000	117,0	108.0 mm
K-07 25 05 07		G 1	14000	117,0	108.0 mm
K-07 25 05 08		G 1 1/4	35000	125,0	122.0 mm
K-07 25 05 09		G 1 1/2	35000	125,0	122.0 mm
K-07 25 05 10		G 2	50000	160,0	197.0 mm

Einsatzbeispiel Variante 1 mit Pilotregler Application example 1 with pilot pressure regulator



Einsatzbeispiel Variante 2 mit Pilotregler mit Feedback-Signal Application example 2 with pilot pressure regulator with feedback-signal

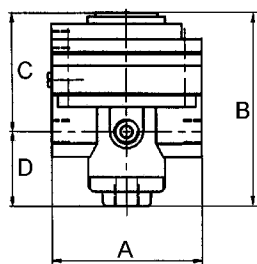


**Web:** <http://cat.hansa-flex.com/de/KDRGPNEUFERNGESTEUERT>

**Accessories:**  
K-HALTERBAUSATZ STANDARD - Holder

**K-PRAEZI DRUCKREGL PNEU FERN**

## Precision pressure regulators



With high flow rate and large secondary relief port. Pneumatically controlled diaphragm pressure regulators with large secondary relief port for applications requiring an extremely accurate working pressure, especially at high flow rates. We recommend our »multifix« series of pilot controllers.

<b>Input pressure:</b>	Max. 16 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Media:</b>	Micro-filtered, unoiled compressed air (0.01 µm)
<b>Port for pressure gauge:</b>	G 1/4
<b>Flow rate:</b>	3000 l/min
<b>Vent port:</b>	G 3/8 (for mounting a silencer)
<b>Pilot pressure:</b>	Max. 10 bar
<b>Control air port:</b>	G 1/8
<b>Sealant:</b>	NBR
<b>Housing:</b>	Die-cast zinc, painted black
<b>Internal air consumption:</b>	6 l/min at Pin = 16 bar

**Note:** Attention! A set of wearing parts cannot be supplied! These pressure regulators may only be opened in the factory! The given flow rates are based on the following parameters: 3000 l/min; P1: 5 bar, P2: 3 bar,  $\Delta p \leq 0,1$  bar. Further information on request

Identification	Thread	Control range	A mm	B	C mm	D mm
K-07 25 09 35	G 1/2	0.05 - 7 bar (max. 10 bar)	82,0	108.0 mm	64,5	43,5



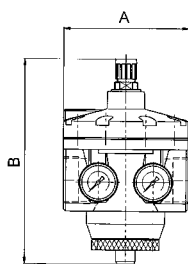
**Web:** <http://cat.hansa-flex.com/en/KPRAEZIDRUCKREGLPNEUFERN>

**Spare parts:**

- K-HALTERBAUSATZ STANDARD - Holder
- K-KM MS - Hexagonal lock nuts, brass
- K-SCHALLDAEPFER VYON - Vyon silencers
- K-FILTERELEMENT - Filter element
- K-XV AGM 2 - Double nipples, parallel male thread

**K-HOCHLEIST DRUCKREGLER**

## Heavy-duty pressure regulators



Diaphragm pressure regulators, independent of inlet pressure, with internal pilot control and self-relieving design for very high flow rates. Separate indication of input and working pressure on two pressure gauges. The pressure setting can be locked by pushing the knob down. We recommend always using these controllers in conjunction with our K-07250607 and K-07250609 filters.

<b>Input pressure:</b>	Max. 25 bar
<b>Media temperature:</b>	max. 60 °C
<b>Ambient temperature:</b>	Max. 60 °C
<b>Flow rate:</b>	50000 l/min
<b>Sealant:</b>	NBR
<b>Housing:</b>	Aluminium, painted silver
<b>Flow rate measurement:</b>	At P1 = 8 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

**Note:** Further information on request

Identification	Thread	Control range	A mm	B	DN
K-07 25 08 03	G 1 1/2	0.1 - 3 bar	188,0	261.0 mm	50
K-07 25 08 04	G 1 1/2	0.2 - 6 bar	188,0	261.0 mm	50
K-07 25 08 05	G 1 1/2	0.5 - 10 bar	188,0	261.0 mm	50
K-07 25 08 06	G 1 1/2	0.5 - 16 bar	188,0	261.0 mm	50
K-07 25 08 07	G 2	0.1 - 3 bar	160,0	261.0 mm	50
K-07 25 08 08	G 2	0.2 - 6 bar	160,0	261.0 mm	50

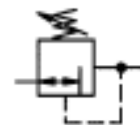


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**K-HOCHLEIST DRUCKREGLER**

## Heavy-duty pressure regulators

Identification	Thread	Control range	A mm	B	DN
K-07 25 08 09	G 2	0.5 - 10 bar	160,0	261.0 mm	50
K-07 25 08 10	G 2	0.5 - 16 bar	160,0	261.0 mm	50



**Web:** <http://cat.hansa-flex.com/en/KHOCHLEISTDRUCKREGLER>

**Spare parts:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-LOESBARE DOPPELNIPPEL MS** - Double nipples

**K-LEITUNGSDRUCKREGLER 200 BAR**

## Inline pressure regulators up to 200 bar

Inline pressure regulator input pressure, suitable for compressed air, nitrogen and other neutral, compressed gases.

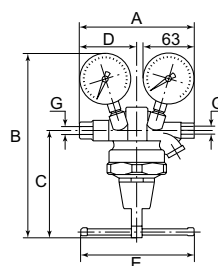
**Operating pressure:** max. 200 bar

**Operating temperature:** -10 °C to +90 °C

**Adjustment:** Knob (50 bar), Rotary switch (100 and 150 bar)

**Sealant:** NBR

**Material:** Brass



**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm	E mm
K-07 25 08 27	G 1/4 female	1 - 50 bar	2500	162,0	188.5 mm	100,0	76,0	50,0
K-07 25 08 28	G 1/4 female	1 - 100 bar	2700	162,0	213.5 mm	125,0	76,0	130,0
K-07 25 08 29	G 1/4 female	1 - 150 bar	2900	162,0	213.5 mm	125,0	76,0	130,0

**Web:** <http://cat.hansa-flex.com/en/KLEITUNGSDRUCKREGLER200BAR>

**K-FLASCHENDRUCKR 200 N GASE**

## Cylinder pressure regulators, cylinder pressure 200 bar, for non-flammable gases

Single-stage type of construction acc. to DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauges for the cylinder contents and working pressure.

**Pressure gauge for contents:** 0 - 200/315 bar (max. cylinder pressure 200 bar), 0 - 300/400 bar (max. cylinder pressure 300 bar), 0 - 18/40 bar for acetylene

**Material:** Hot pressed brass

**Cylinder connection:** Nut 3/4



**Note:** Further information on request

Identification	gas type	Operating pressure
K-07 25 07 11	Oxygen	0 - 10,0 bar
K-07 25 07 12	Oxygen	0 - 20,0 bar
K-07 25 07 14	Compressed air	0 - 10,0 bar
K-07 25 07 15	Compressed air	0 - 20,0 bar
K-07 25 07 16	Nitrogen	0 - 10,0 bar
K-07 25 07 17	Nitrogen	0 - 20,0 bar
K-07 25 07 18	Carbon dioxide	0 - 10,0 bar



**K-FLASCHENDRUCKR 200 N GASE**

(Continued)

**Cylinder pressure regulators, cylinder pressure 200 bar, for non-flammable gases**

Identification	gas type	Operating pressure
K-07 25 07 19	Carbon dioxide	0 - 20,0 bar
K-07 25 07 20	Argon/helium	0 - 10,0 bar

**Web:** <http://cat.hansa-flex.com/en/KFLASCHENDRUCKR200NGASE>

**Spare parts:**

**K-MANO SCHWEISSTECHNIK** - Content pressure gauge

**K-MANO SCHW** - Pressure gauges for welding

**K-SCHUTZKAPPE MANOMETER** - Protective covers

**K-FLASCHENDRUCKR 200 GASE****Cylinder pressure regulators, cylinder pressure 200 bar, for flammable gases**

Single-stage type of construction acc. to DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauges for the cylinder contents and working pressure.

**Pressure gauge for contents:** 0 - 200/315 bar (max. cylinder pressure 200 bar), 0 - 300/400 bar (max. cylinder pressure 300 bar), 0 - 18/40 bar for acetylene

**Material:** Hot pressed brass

**Cylinder connection:** Yoke

**Note:** Further information on request

Identification	gas type	Operating pressure
K-07 25 07 13	Acetylene	0 - 1,5 bar
K-07 25 07 21	Hydrogen, methane, illuminating gas, natural gas	0 - 10,0 bar

**Web:** <http://cat.hansa-flex.com/en/KFLASCHENDRUCKR200GASE>

**Spare parts:**

**K-MANO SCHWEISSTECHNIK** - Content pressure gauge

**K-MANO SCHW** - Pressure gauges for welding

**K-SCHUTZKAPPE MANOMETER** - Protective covers

**K-FLASCHENDRUCKR 200 N GASE FL****Cylinder pressure regulators, cylinder pressure 200 bar, for non-flammable gases**

Single-stage type of construction acc. to DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauges for the cylinder contents and working pressure.

**Pressure gauge for contents:** 0 - 200/315 bar (max. cylinder pressure 200 bar), 0 - 300/400 bar (max. cylinder pressure 300 bar), 0 - 18/40 bar for acetylene

**flowmeter:** 0 - 20 l/min

**Material:** Hot pressed brass

**Cylinder connection:** W 21.8 x 1/14 i

**Note:** Further information on request

Identification	gas type
K-07 25 19 29	Argon

**Web:** <http://cat.hansa-flex.com/en/KFLASCHENDRUCKR200NGASEFL>

**K-FLASCHENDRUCKR 200 GASE FL****Cylinder pressure regulators, cylinder pressure 200 bar, for flammable gases, with flowmeter**

Single-stage type of construction acc. to DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauges for the cylinder contents and working pressure.

**Pressure gauge for contents:** 0 - 200/315 bar (max. cylinder pressure 200 bar), 0 - 300/400 bar (max. cylinder pressure 300 bar), 0 - 18/40 bar for acetylene

**flowmeter:** 0 - 30 l/min

**Material:** Hot pressed brass

**Cylinder connection:** W 21.8 x 1/14 LHi



**Note:** Further information on request

Identification	gas type
K- 07 25 19 30	Forming gas

**Web:** <http://cat.hansa-flex.com/en/KFLASCHENDRUCKR200GASEFL>

**K-FLASCHENDRUCKR 300 N GASE****Cylinder pressure regulators, cylinder pressure 300 bar, for non-flammable gases**

Single-stage type of construction acc. to DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauges for the cylinder contents and working pressure.

**Pressure gauge for contents:** 0 - 200/315 bar (max. cylinder pressure 200 bar), 0 - 300/400 bar (max. cylinder pressure 300 bar), 0 - 18/40 bar for acetylene

**Material:** Hot pressed brass

**Cylinder connection:** W 30 x 2



**Note:** Further information on request

Identification	gas type	Operating pressure
K- 07 25 07 22	Oxygen	0 - 10,0 bar
K- 07 25 07 23	Compressed air	0 - 10,0 bar
K- 07 25 07 24	Nitrogen	0 - 10,0 bar
K- 07 25 07 25	Nitrogen	0 - 20,0 bar

**Web:** <http://cat.hansa-flex.com/en/KFLASCHENDRUCKR300NGASE>

**Spare parts:**

**K-MANO SCHWEISSTECHNIK** - Content pressure gauge

**K-MANO SCHW** - Pressure gauges for welding

**K-SCHUTZKAPPE MANOMETER** - Protective covers

**K-FLASCHENDRUCKR 300 GASE**

Cylinder pressure regulators, cylinder pressure 300 bar, for flammable gases



Single-stage type of construction acc. to DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauges for the cylinder contents and working pressure.

**Pressure gauge for contents:** 0 - 200/315 bar (max. cylinder pressure 200 bar), 0 - 300/400 bar (max. cylinder pressure 300 bar), 0 - 18/40 bar for acetylene

**Material:** Hot pressed brass

**Cylinder connection:** W 30 x 2 ccw

**Note:** Further information on request

Identification	gas type	Operating pressure
K-07 25 07 27	Fuel gas	0 - 1,5 bar
K-07 25 07 26	Fuel gas	0 - 10,0 bar

**Web:** <http://cat.hansa-flex.com/en/KFLASCHENDRUCKR300GASE>

**Spare parts:**

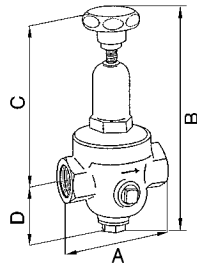
**K-MANO SCHWEISSTECHNIK** - Content pressure gauge

**K-MANO SCHW** - Pressure gauges for welding

**K-SCHUTZKAPPE MANOMETER** - Protective covers

**K-DRG DRV 200 STANDARD**

DRV 200 pressure regulators, standard type



Diaphragm pressure regulators with non-self-relieving design and non-pressure-reduced single-seated valve. Very precise adjustment. Good response characteristic because of only a few moving parts which hence minimal friction. Ideal for compressed air, nitrogen and other neutral, non-flammable gases, but only suitable for liquids with comparatively low flow rates.

**Input pressure:** Max. 25 bar (Series 200 and 300 Series), Max. 40 bar (400 Series)

**Temp. range:** Max. 75 °C

**Reduction ratio:** Max. 10:1 (200 Series), Max. 20:1 (300 Series), Max. 6:1 (400 Series)

**Sealant:** NBR

**Spring bonnet:** Pressed brass up to DN 25, Grey cast iron from DN 32

**Housing:** Red brass 2.1096.01

**Note:** Further information on request

**Ordering information:** Other designs available on request

Identification	Thread	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm	D mm
K-07 25 04 86	G 1/4	1.5 - 8 bar	0,5	70,0	167.0 mm	120,0	47,0
K-07 25 04 87	G 3/8	1.5 - 8 bar	0,6	70,0	168.0 mm	121,0	47,0
K-07 25 04 88	G 1/2	1.5 - 8 bar	1,2	85,0	188.5 mm	142,0	46,5
K-07 25 04 90	G 1	1.5 - 8 bar	1,6	95,0	242.0 mm	186,0	56,0
K-07 25 04 89	G 3/4	1.5 - 8 bar	1,3	85,0	189.5 mm	143,0	46,5
K-07 25 04 91	G 1 1/4	1.5 - 8 bar	4,2	104,0	323.0 mm	262,0	61,0
K-07 25 04 92	G 1 1/2	1.5 - 8 bar	4,5	108,0	323.0 mm	262,0	61,0
K-07 25 04 93	G 2	1.5 - 8 bar	7,2	146,5	376.0 mm	306,0	70,0



**Web:** <http://cat.hansa-flex.com/en/KDRGDRV200STANDARD>

**Spare parts:**

**K-VERSCHLEI-SATZ** - Set of wearing parts



**K-DBV MANO 1/4"****Pressure limiting valves size 1/4**

Manually adjustable overflow valves. For protecting pneumatic systems against damage caused by excess pressure.

**Design:** Spring-loaded, non-return diaphragm valve with adjustable opening pressure

**Media temperature:** max. 60 °C

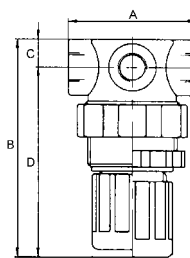
**Ambient temperature:** Max. 60 °C

**Sealant:** NBR

**Spring bonnet:** POM/brass

**Housing:** Die-cast zinc, painted silver

**Diaphragm:** NBR



**Note:** Further information on request

Identification	Thread	Control range	A mm	B mm	C mm	D mm
K-07 25 01 93	G 1/4	0.1 - 2.0 bar	43,0	70.0 mm	10,0	60,0
K-07 25 01 94	G 1/4	0.1 - 3.0 bar	43,0	70.0 mm	10,0	60,0
K-07 25 01 95	G 1/4	0.15 - 7.0 bar	43,0	70.0 mm	10,0	60,0
K-07 25 01 96	G 1/4	0.5 - 10.0 bar	43,0	70.0 mm	10,0	60,0

**Web:** <http://cat.hansa-flex.com/en/KDBVMANO14>

**Spare parts:**

**K-HALTERBAUSATZ** - Holder

**K-SCHALTAFELMUTTER** - Nut

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-SCHALLDAE SINTERBR AG 569** - Silencers, sintered bronze, flat type with male thread, 569 Series

**K-GERAETESTECKER** - Coupling socket

**K-DBV MANO 1/2"****Pressure limiting valves size 1/2**

Manually adjustable overflow valves. For protecting pneumatic systems against damage caused by excess pressure.

**Design:** Spring-loaded, non-return diaphragm valve with adjustable opening pressure

**Media temperature:** max. 60 °C

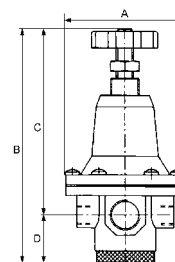
**Ambient temperature:** Max. 60 °C

**Sealant:** NBR

**Spring bonnet:** POM/brass

**Housing:** Die-cast zinc, painted silver

**Diaphragm:** NBR



**Note:** Further information on request

Identification	Thread	Control range	A mm	B mm	C mm	D mm
K-07 25 01 97	G 1/2	0.5 - 3.0 bar	82,0	162.0 mm	129,0	33,0
K-07 25 01 98	G 1/2	0.5 - 5.5 bar	82,0	162.0 mm	129,0	33,0
K-07 25 01 99	G 1/2	0.5 - 10.0 bar	82,0	162.0 mm	129,0	33,0

**Web:** <http://cat.hansa-flex.com/en/KDBVMANO12>

**Spare parts:**

**K-HALTERBAUSATZ STANDARD** - Holder

**K-GERAETESTECKER** - Coupling socket

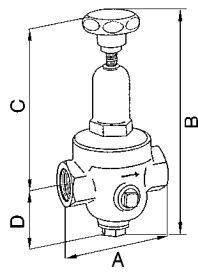
**K-SCHALLDAE SINTERBR AG 569** - Silencers, sintered bronze, flat type with male thread, 569 Series

**K-VERSCHLEI-SATZ** - Set of wearing parts

**K-KM MS** - Hexagonal lock nuts, brass

## K-DRG DRV 250 NIEDERDRUCK

### DRV 250 pressure regulators, low-pressure type



Diaphragm pressure regulators with non-self-relieving design and non-pressure-reduced single-seated valve. Very precise adjustment. Good response characteristic because of only a few moving parts which hence minimal friction. Ideal for compressed air, nitrogen and other neutral, non-flammable gases, but only suitable for liquids with comparatively low flow rates.

**Input pressure:** Max. 25 bar (Series 200 and 300 Series), Max. 40 bar (400 Series)

**Temp. range:** Max. 75 °C

**Reduction ratio:** Max. 10:1 (200 Series), Max. 20:1 (300 Series), Max. 6:1 (400 Series)

**Sealant:** NBR

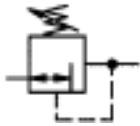
**Spring bonnet:** Pressed brass up to DN 25, Grey cast iron from DN 32

**Housing:** Red brass 2.1096.01

**Note:** Further information on request

**Ordering information:** Other designs available on request

Identification	Thread	Control range	flow kvs-value m3/h	A mm	B	C mm	D mm
K-07 25 04 94	G 1/4	0.2 - 2 bar	0,5	70,0	185.5 mm	140,0	45,5
K-07 25 04 95	G 3/8	0.2 - 2 bar	0,6	70,0	185.5 mm	140,0	45,5
K-07 25 04 96	G 1/2	0.2 - 2 bar	1,2	85,0	232.5 mm	186,0	46,5



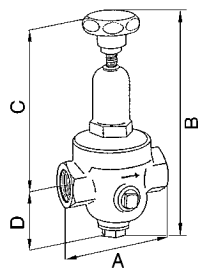
**Web:** <http://cat.hansa-flex.com/en/KDRGDRV250NIEDERDRUCK>

**Spare parts:**

K-VERSCHLEI-SATZ - Set of wearing parts

## K-DRG DRV 225 HOCHDRUCK

### DRV 225 pressure regulators, high-pressure type



Diaphragm pressure regulators with non-self-relieving design and non-pressure-reduced single-seated valve. Very precise adjustment. Good response characteristic because of only a few moving parts which hence minimal friction. Ideal for compressed air, nitrogen and other neutral, non-flammable gases, but only suitable for liquids with comparatively low flow rates.

**Input pressure:** Max. 25 bar (Series 200 and 300 Series), Max. 40 bar (400 Series)

**Temp. range:** Max. 75 °C

**Reduction ratio:** Max. 10:1 (200 Series), Max. 20:1 (300 Series), Max. 6:1 (400 Series)

**Sealant:** NBR

**Spring bonnet:** Pressed brass up to DN 25, Grey cast iron from DN 32

**Housing:** Red brass 2.1096.01

**Note:** Further information on request

**Ordering information:** Other designs available on request

Identification	Thread	Control range	flow kvs-value m3/h	A mm	B	C mm	D mm
K-07 25 04 97	G 1/4	1.5 - 20 bar	0,5	70,0	188.0 mm	141,0	47,0
K-07 25 04 98	G 3/8	1.5 - 20 bar	0,6	70,0	188.0 mm	141,0	47,0
K-07 25 04 99	G 1/2	1.5 - 20 bar	1,2	85,0	228.5 mm	182,0	46,5
K-07 25 05 00	G 3/4	1.5 - 20 bar	1,3	85,0	228.5 mm	182,0	46,5
K-07 25 05 01	G 1	1.5 - 20 bar	1,6	95,0	257.0 mm	201,0	56,0
K-07 25 05 02	G 1 1/4	1.5 - 20 bar	4,2	104,0	385.0 mm	324,0	61,0



(Continued)

K-DRG DRV 225 HOCHDRUCK

## DRV 225 pressure regulators, high-pressure type

Identification	Thread	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm	D mm
K- 07 25 05 03	G 1 1/2	1.5 - 20 bar	4,5	108,0	392.0 mm	331,0	61,0
K- 07 25 05 04	G 2	1.5 - 20 bar	7,2	146,5	419.0 mm	349,0	70,0



**Web:** <http://cat.hansa-flex.com/en/KDRGDRV225HOCHDRUCK>

**Spare parts:**

**K-VERSCHLEI-SATZ** - Set of wearing parts

## K-MANO SCHWEISSTECHNIK

## Content pressure gauge

Content pressure gauge



Identification	Description
K- 07 20 11 11	Content pressure gauge (oxygen), 0 - 400 bar, for 300 bar cylinder pressure
K- 07 20 11 14	Content pressure gauge (neutral), 0 - 400 bar, for 300 bar cylinder pressure
K- 07 20 10 65	Working pressure gauge (argon), 0 to 30 l/min
K- 07 20 11 09	Working pressure gauge (oxygen), 0 to 20/40 bar

**Web:** <http://cat.hansa-flex.com/en/KMANOSCHWEISSTECHNIK>

## K-DRG MEMBRAN O SEKUNDAERENTL MANO

## Pressure regulators with pressure gauge

Diaphragm pressure regulators with non-self relieving design for water, compressed air and non-aggressive gases.

**Input pressure:** Max. 25 bar

**Media temperature:** max. 50 °C

**Ambient temperature:** Max. 50 °C

**Flow rate:** 3.5 l/min

**Sealant:** NBR

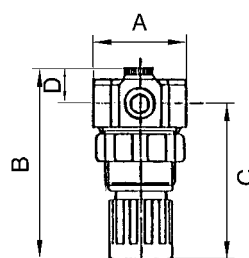
**Spring bonnet:** POM

**Housing:** Brass

**Diaphragm:** NBR

**Flow rate measurement:** At P1 = 7 bar, P2 = 5 bar (water) and pressure drop  $\Delta p \leq 1$  bar

**Note:** Further information on request



Identification	Thread	Control range	A mm	B	C mm	D mm
K- 07 25 04 75	G 1/4	0.1 - 3 bar	40,0	78.0 mm	63,0	15,0

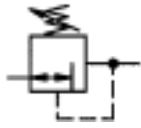


**K-DRG MEMBRAN O SEKUNDAERENTL MANO**

(Continued)

## Pressure regulators with pressure gauge

Identification	Thread	Control range	A mm	B	C mm	D mm
K-07 25 04 76	G 1/4	0.2 - 6 bar	40,0	78.0 mm	63,0	15,0
K-07 25 04 77	G 1/4	0.5 - 10 bar	40,0	78.0 mm	63,0	15,0



Web: <http://cat.hansa-flex.com/en/KDRGMEMBRANOSEKUNDAERENTLMANO>

**Spare parts:**

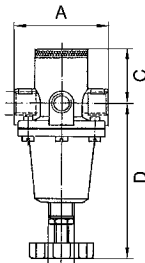
K-HALTERBAUSATZ - Holder

K-SCHALTAFELMUTTER - Nut

K-VERSCHLEI-SATZ - Set of wearing parts

**K-DRG MEMBRAN O SEKUNDAERL MANO MS**

## Pressure regulators for Water with pressure gauge



Brass diaphragm pressure regulators with non-self-relieving design, specially for use with water. The regulator protects water installations against high system pressure, prevents pressure fluctuations and helps reduce water consumption. Undesirable flow noises are kept to a minimum.

**Input pressure:** Max. 40 bar

**Temp. range:** +5 °C to +90 °C

**Sealant:** NBR

**Housing:** Brass

**Handwheel:** Plastic (G 1/4, G 1/2), rotary switch (G 3/4, G 1)

**Diaphragm:** NBR

**Flow rate measurement:** At P1 = 7 bar, P2 = 6 bar and  $\Delta p = 1$  bar

**Note:** Further information on request

Identification	Thread	Control range	Flow rate L/min	A mm	B	C mm	D mm
K-07 25 04 78	G 1/4	0.5 - 6 bar	3	45,0	104.0 mm	23,0	81,0
K-07 25 04 79	G 1/4	0.5 - 10 bar	3	45,0	104.0 mm	23,0	81,0
K-07 25 04 80	G 1/2	0.5 - 6 bar	15	72,0	153.0 mm	30,0	123,0
K-07 25 04 81	G 1/2	0.5 - 10 bar	15	72,0	153.0 mm	30,0	123,0
K-07 25 04 82	G 1	0.5 - 6 bar	24	114,0	216.0 mm	41,0	175,0
K-07 25 04 83	G 1	0.5 - 10 bar	24	114,0	216.0 mm	41,0	175,0
K-07 25 04 84	G 1 1/2	0.5 - 6 bar	56	114,0	233.0 mm	50,0	183,0
K-07 25 04 85	G 1 1/2	0.5 - 10 bar	56	114,0	233.0 mm	50,0	183,0



Web: <http://cat.hansa-flex.com/en/KDRGMEMBRANOSEKUNDAERLMANOMS>

**Spare parts:**

K-HALTERBAUSATZ - Holder

K-MEMBRANE DICHTKEGEL - Sealing cone, complete

K-RD NIPPEL KURZ 1 - Reducing nipples, short type

K-XV AGM 2 - Double nipples, parallel male thread

**K-DRG TRINKWASSER****Pressure regulators for drinking water (without DVGW appr.), high outlet pressure (max. 12 bar)**

Pressure regulator with pressure-reduced single-seated piston valve or single-seated diaphragm valve and built-in strainer. Specially designed for use with water.

The device is also suitable for all other applications involving neutral non-sticky liquids, air and neutral non-flammable gases.

**Input pressure:** Max. 16 bar (low-pressure type), Max. 25 bar (high-pressure type)

**Primary (inlet) pressure:** Min. 1.2 bar (low-pressure type), Max. 2.5 bar (high-pressure type)

**min. pressure drop:** 1 bar

**Operating temperature:** Max. 75 °C

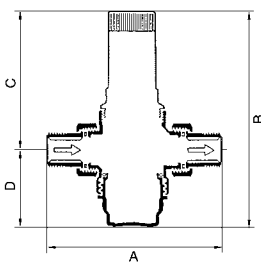
**Seals:** NBR-SBR

**Spring bonnet:** Plastic PA 6 (up to DN 32, low-pressure type), Hot-pressed brass (up to DN 32, high-pressure type), Cast iron (from DN 40)

**Housing:** Bronze (Rg5)

**Internal parts:** Plastic, brass, stainless steel

**Note:** Further information on request



Identification	Thread	DN	Control range	flow kvs-value m3/h	A mm	B	C mm	D mm
K-07 25 04 45	R 1/2	15	1.5 - 12 bar	2,9	137,0	177.0 mm	150,0	27,0
K-07 25 04 46	R 3/4	20	1.5 - 12 bar	3,9	141,0	177.0 mm	150,0	27,0
K-07 25 04 47	R 1	25	1.5 - 12 bar	5,4	160,0	178.5 mm	150,0	28,5
K-07 25 04 48	R 1 1/4	32	1.5 - 12 bar	6,1	177,2	234.0 mm	187,0	47,0
K-07 25 04 49	R 1 1/2	40	1.5 - 12 bar	12,0	210,0	379.0 mm	320,0	59,0
K-07 25 04 50	R 2	50	1.5 - 12 bar	13,0	210,0	381.0 mm	320,0	61,0



**Web:** <http://cat.hansa-flex.com/en/KDRGTRINKWASSER>

**Accessories:**

**K-KARTUSCHEN** - Cartridge

**K-DRG WASSER NIEDRIGER HINTERDRUCK****Pressure regulators for water, low outlet pressure (max. 2 bar)**

Pressure regulator with pressure-reduced single-seated piston valve or single-seated diaphragm valve and built-in strainer. Specially designed for use with water.

The device is also suitable for all other applications involving neutral non-sticky liquids, air and neutral non-flammable gases.

**Input pressure:** Max. 16 bar (low-pressure type), Max. 25 bar (high-pressure type)

**Primary (inlet) pressure:** Min. 1.2 bar (low-pressure type), Max. 2.5 bar (high-pressure type)

**min. pressure drop:** 1 bar

**Operating temperature:** Max. 75 °C

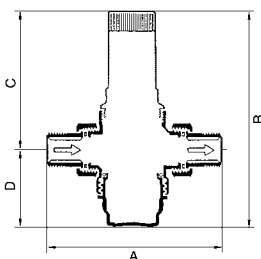
**Seals:** NBR-SBR

**Spring bonnet:** Plastic PA 6 (up to DN 32, low-pressure type), Hot-pressed brass (up to DN 32, high-pressure type), Cast iron (from DN 40)

**Housing:** Bronze (Rg5)

**Internal parts:** Plastic, brass, stainless steel

**Note:** Further information on request



Identification	Thread	DN	Control range	flow kvs-value m3/h	A mm	B	C mm	D mm
K-07 25 04 51	R 1/2	15	0.2 - 2 bar	2,9	137,0	154.0 mm	127,0	27,0
K-07 25 04 52	R 3/4	20	0.2 - 2 bar	3,9	141,0	154.0 mm	127,0	27,0
K-07 25 04 53	R 1	25	0.2 - 2 bar	5,4	160,6	154.0 mm	126,0	28,5
K-07 25 04 54	R 1 1/4	32	0.2 - 2 bar	6,1	177,2	156.0 mm	109,0	47,0



**K-DRG WASSER NIEDRIGER HINTERDRUCK**

(Continued)

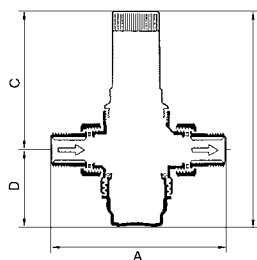
Pressure regulators for water, low outlet pressure (max. 2 bar)

Identification	Thread	DN	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm	D mm
K-07 25 04 55	R 1 1/2	40	0.2 - 2 bar	12,0	210,0	359.0 mm	300,0	59,0
K-07 25 04 56	R 2	50	0.2 - 2 bar	13,0	210,0	361.0 mm	300,0	61,0


**Web:** <http://cat.hansa-flex.com/en/KDRGWASSERNIEDRIGERHINTERDRUCK>
**Spare parts:**
**K-DICHTSAETZE DRUCKREGLER** - Seal kits Pressure regulators for drinking water, DVGW-tested acc. to EN 1567 and for water and liquid

**K-DRG TRINKWASSER DVGW N EN 1567**

Pressure regulators for drinking water, DVGW-tested acc. to EN 1567



Pressure regulator with pressure-reduced single-seated diaphragm valve and built-in strainer. Specially designed for use in domestic water installations. R 1/2 to R 1 1/4 port sizes are DVGW-tested according to EN 1567.

Regulators with an R 1 1/2 or R 2 port are not DVGW approved. The device is also suitable for all other applications involving water, neutral non-sticky liquids, air and neutral non-flammable gases.

**Input pressure:** Max. 16 bar

**Primary (inlet) pressure:** Min. 2.5 bar

**min. pressure drop:** 1 bar

**Operating temperature:** Max. 75 °C

**Seals:** NBR-SBR

**Spring bonnet:** PA 6 (up to DN 32), grey cast iron (from DN 40)

**Housing:** Bronze (Rg5)

**Internal parts:** Plastic, brass, stainless steel

**Diaphragm:** NBR

**More information:** DVGW Zertifikat

**Note:** Further information on request

Identification	Thread	DN	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm	D mm
K-07 25 04 39	R 1/2	15	1.5 - 6 bar	2,9	137,0	131.0 mm	104,0	27,0
K-07 25 04 40	R 3/4	20	1.5 - 6 bar	3,9	141,0	136.6 mm	109,0	27,6
K-07 25 04 41	R 1	25	1.5 - 6 bar	5,4	161,0	136.3 mm	107,0	29,3
K-07 25 04 42	R 1 1/4	32	1.5 - 6 bar	6,1	177,0	151.5 mm	109,0	42,5
K-07 25 04 43	R 1 1/2	40	1.5 - 6 bar	9,0	210,0	294.0 mm	243,0	51,0
K-07 25 04 44	R 2	50	1.5 - 6 bar	13,0	210,0	294.0 mm	241,0	53,0

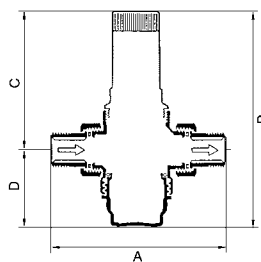

**Web:** <http://cat.hansa-flex.com/en/KDRGTRINKWASSERDVGWEN1567>
**Accessories:**
**K-KARTUSCHEN** - Cartridge

**K-DRG TRINKWASSER DVGW**

## Pressure regulators for drinking water, DVGW approved

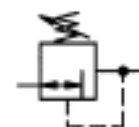
Diaphragm pressure regulators with pressure-reduced single-seated valve and built-in strainer. These pressure regulators, which are independent of inlet pressure, protect domestic water installations against excessive supply pressure. They can also be used for commercial or industrial purposes providing their specification is adequate.

**Input pressure:** Max. 25 bar  
**Media:** Drinking water, nitrogen, compressed air, non-aggressive liquids  
**Operating temperature:** Max. 40 °C (transparent strainer cup), Max. 70 °C (brass strainer cup)  
**Sealant:** NBR  
**Spring bonnet:** Plastic  
**Housing:** Brass  
**Filter bowl:** Plastic or brass  
**More information:** DVGW Certificate (only for K-07250457 - K-07250462)



**Note:** Further information on request

Identification	Thread	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B mm	C mm	D mm
K-07 25 04 57	R 1/2	1.5 - 6 bar	2,4	140,0	147.0 mm	89,0	58,0
K-07 25 04 58	R 3/4	1.5 - 6 bar	3,1	160,0	147.0 mm	89,0	58,0
K-07 25 04 59	R 1	1.5 - 6 bar	7,6	180,0	175.0 mm	111,0	64,0
K-07 25 04 60	R 1 1/4	1.5 - 6 bar	9,1	200,0	175.0 mm	111,0	64,0
K-07 25 04 61	R 1 1/2	1.5 - 6 bar	12,6	225,0	299.0 mm	173,0	126,0
K-07 25 04 62	R 2	1.5 - 6 bar	12,0	255,0	299.0 mm	173,0	126,0
K-07 25 04 63	R 1/2	1.5 - 12 bar	2,4	140,0	152.0 mm	96,0	56,0
K-07 25 04 64	R 3/4	1.5 - 12 bar	3,1	160,0	152.0 mm	96,0	56,0
K-07 25 04 65	R 1	1.5 - 12 bar	7,6	180,0	217.0 mm	140,0	77,0
K-07 25 04 66	R 1 1/4	1.5 - 12 bar	9,1	200,0	217.0 mm	140,0	77,0
K-07 25 04 67	R 1 1/2	1.5 - 12 bar	12,6	225,0	285.0 mm	172,0	113,0
K-07 25 04 68	R 2	1.5 - 12 bar	12,0	255,0	285.0 mm	172,0	113,0
K-07 25 04 69	R 1/2	0.5 - 2 bar	2,4	140,0	204.0 mm	148,0	56,0
K-07 25 04 70	R 3/4	0.5 - 2 bar	3,1	160,0	204.0 mm	148,0	56,0
K-07 25 04 71	R 1	0.5 - 2 bar	7,6	180,0	262.0 mm	185,0	77,0



**Web:** <http://cat.hansa-flex.com/en/KDRGTRINKWASSERDVGW>

**Spare parts:**

**K-VENTILAUSTAUSSCHSATZ** - Valve replacement kit

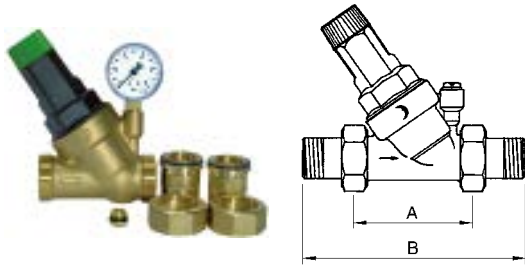
**K-ERSATZSIEBE** - Replacement strainer

**K-DOPPELRINGSCHLUESSEL** - Double ring spanner

**K-VERSCHLEI-SATZ DRCKREGLER** - Wearing part set consisting of: 2x cap nuts, 2x screw fittings, 2x sealing rings

**K-DRG SAXONIA M MANO**

## Pressure regulators

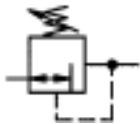


Diaphragm pressure regulators with pressure-reduced single-seated valve and built-in strainer. These pressure regulators, which are independent of inlet pressure, protect domestic water installations against excessive supply pressure. They can also be used for commercial or industrial purposes providing their specification is adequate.

**Input pressure:** Max. 16 bar  
**Media:** Drinking water  
**Operating temperature:** Max. 30 °C  
**Sealant:** NBR  
**Spring bonnet:** Plastic  
**Housing:** Brass  
**Filter bowl:** Plastic, with control dial for back pressure  
**More information:** DVGW Zertifikat

**Note:** Further information on request

Identification	Thread	DN	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B
K-07 25 04 72	R 3/4	20	1.5 - 6 bar	3,4	90,0	158.0 mm
K-07 25 04 73	R 1	25	1.5 - 6 bar	5,3	100,0	184.0 mm
K-07 25 04 74	R 1 1/4	32	1.5 - 6 bar	8,6	130,0	228.0 mm



**Web:** <http://cat.hansa-flex.com/en/KDRGSAXONIAMMANO>

**Spare parts:**

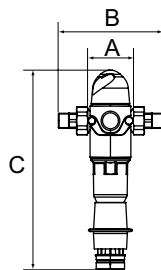
**K-VENTILAUSTAUSCHSATZ** - Valve replacement kit

**K-ERSATZSIEBE** - Replacement strainer

**K-RMM U STAHL** - Standard pressure gauges (sheet steel housing / connection radial on bottom)

**K-FI RUECKSPUELFILTER**

## Back-flushing filters



For filtering drinking and domestic water in addition to well, process and cooling water for once-through cooling systems. These filters protect the water pipes and all water-carrying parts of the system on the downstream side against malfunctions and corrosion damage. The filter candle must be cleaned manually at regular intervals by back-flushing (flushing out dirt particles). Integrated back-flushing element with suction elements, back-flushing lever, wing lever for back-flushing element, hose connection for flushing water.

**Input pressure:** Max. 16 bar  
**Ambient temperature:** +5 °C to +40 °C  
**temperature water:** +5 °C to +30 °C  
**Pore size in filter element:** 90 µm (first filter element), 110 µm (second filter element)  
**Housing:** Brass  
**Filter bowl:** Impact-resistant plastic  
**Flow rate:** at  $\Delta p = 0.2$  bar  
**More information:** DVGW Zertifikat

**Note:** Further information on request

Identification	Thread	DN	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm
K-07 25 10 08	R 3/4	20	3,0	80,0	184.0 mm	352,5
K-07 25 10 09	R 1	25	3,5	80,0	184.0 mm	352,5
K-07 25 10 10	R 1 1/4	32	4,0	106,4	228.0 mm	352,5

**Web:** <http://cat.hansa-flex.com/en/KFIRUECKSPUELFILTER>

**Spare parts:**

**K-FILTEREINSATZ** - Filter insert

**K-KUNSTSTOFFBEHAELTER** - Plastic tank

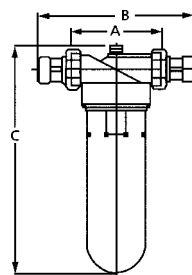


## K-FI FEIN BAVARIA

## Fine filters

For filtering drinking and domestic water in addition to well, process and cooling water for once-through cooling systems. These filters protect the water pipes and all water-carrying parts of the system on the downstream side against malfunctions and corrosion damage.

**Input pressure:** Max. 16 bar  
**Operating temperature:** Max. 30 °C  
**Pore size in filter element:** 90 µm  
**Housing:** Brass  
**Filter bowl:** Special impact-resistant plastic  
**More information:** DVGW Certificate (K-07250556 and K-07250557 no Certificate)



**Note:** Further information on request

Identification	Thread	DN	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm
K-07 25 05 53	R 3/4	20	4,0	120,0	206.0 mm	300,0
K-07 25 05 54	R 1	25	5,5	120,0	206.0 mm	300,0
K-07 25 05 55	R 1 1/4	32	6,0	120,0	220.0 mm	300,0
K-07 25 05 56	R 1 1/2	40	9,0	140,0	254.0 mm	290,0
K-07 25 05 57	R 2	50	12,0	140,0	274.0 mm	290,0

**Web:** <http://cat.hansa-flex.com/en/KFIFEINBAVARIA>

**Spare parts:**

**K-FILTEREINSATZ** - Filter insert

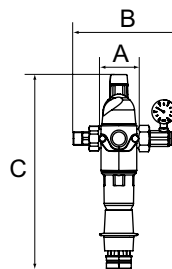
**K-KUNSTSTOFFBEHAELTER** - Plastic tank

## K-FI RUECKSPUEL M DRUCKREGLER

## Back-flushing filters with pressure regulator

Combined station for filtering and regulating the pressure of drinking and domestic water in addition to well, process and cooling water for once-through cooling systems, consisting of a diaphragm pressure regulator with a pressure-reduced single-seated valve and a back-flushing filter. The filter candle must be cleaned manually at regular intervals by back-flushing (flushing out dirt particles). Integrated back-flushing element with suction elements, back-flushing lever, wing lever for back-flushing element, hose connection for flushing water.

**Input pressure:** Max. 16 bar  
**Ambient temperature:** +5 °C to +40 °C  
**temperature water:** +5 °C to +30 °C  
**Pore size in filter element:** 90 µm (first filter element), 110 µm (second filter element)  
**Housing:** Brass  
**Filter bowl:** Impact-resistant plastic  
**Flow rate:** at  $\Delta p = 0.2$  bar  
**More information:** DVGW Zertifikat



**Note:** Further information on request

Identification	Thread	DN	Control range	flow kvs-value m <sup>3</sup> /h	A mm	B	C mm
K-07 25 10 11	R 3/4	20	2 - 6 bar	3,0	79,7	213.0 mm	392,8
K-07 25 10 12	R 1	25	2 - 6 bar	3,5	79,7	213.0 mm	392,8
K-07 25 10 13	R 1 1/4	32	2 - 6 bar	4,0	79,7	213.0 mm	392,8

**Web:** <http://cat.hansa-flex.com/en/KFIRUECKSPUELMDRUCKREGLER>

**Spare parts:**

**K-FILTEREINSATZ** - Filter insert

**K-KUNSTSTOFFBEHAELTER** - Plastic tank

**K-DICHTSAETZE DRUCKREGLER**

Seal kits Pressure regulators for drinking water, DVGW-tested acc. to EN 1567 and for water and liquid



Identification	for medium	Description
K-07 25 15 68	Water and fluids	Seal kit for pressure regulator K-07250455
K-07 25 15 69	Water and fluids	Seal kit for pressure regulator K-07250456
K-07 25 15 66	Water and fluids	Seal kit for pressure regulator K-07250453
K-07 25 15 67	Water and fluids	Seal kit for pressure regulator K-07250454
K-07 25 15 64	Water and fluids	Seal kit for pressure regulator K-07250451
K-07 25 15 65	Water and fluids	Seal kit for pressure regulator K-07250452
K-07 25 15 62	Water and fluids	Seal kit for pressure regulator K-07250449
K-07 25 15 63	Water and fluids	Seal kit for pressure regulator K-07250450
K-07 25 15 58	Drinking Water	Seal kit for pressure regulator K-07250443
K-07 25 15 59	Drinking Water	Seal kit for pressure regulator K-07250444

**Web:** <http://cat.hansa-flex.com/en/KDICHTSAETZEDRUCKREGLER>

**K-SIEBTASSE**

Strainer cup transparent or brass



Replacement strainer

Identification	Description
K-07 25 15 86	Brass strainer cup K-07250461, K-07250462, K-07250467, K-07250468
K-07 25 15 87	Brass strainer cup K-07250459 - K-07250460
K-07 25 15 84	Brass strainer cup K-07250457, K-07250458, K-07250463, K-07250464, K-07250469, K-07250470
K-07 25 15 85	Brass strainer cup K-07250465, K-07250466, K-07250471
K-07 25 15 82	Transparent strainer cup K-07250461, K-07250462, K-07250467, K-07250468
K-07 25 15 83	Transparent strainer cup K-07250459, K-07250460
K-07 25 15 80	Transparent strainer cup K-07250457, K-07250458, K-07250463, K-07250464, K-07250469, K-07250470
K-07 25 15 81	Transparent strainer cup K-07250465, K-07250466, K-07250471



**Web:** <http://cat.hansa-flex.com/en/KSIEBTASSE>

**K-VERSCHLEI-SATZ DRCKREGLER**

Wearing part set consisting of: 2x cap nuts, 2x screw fittings, 2x sealing rings



Identification	Description
K- 07 25 16 02	Threaded nozzle, screw fitting 2 for pressure regulators K-07250462, K-07250468
K- 07 25 16 03	Threaded nozzle, screw fitting 3/4 for pressure regulators K-07250458, K-07250464, K-07250470
K- 07 25 16 00	Threaded nozzle, screw fitting 1 1/4 for pressure regulators K-07250460, K-07250448
K- 07 25 16 01	Threaded nozzle, screw fitting 1 for pressure regulators K-07250459, K-07250447, K-07250453
K- 07 25 15 98	Threaded nozzle, screw fitting 1/2 for pressure regulators K-07250457, K-07250445, K-07250469
K- 07 25 15 99	Threaded nozzle, screw fitting 1 1/2 for pressure regulators K-07250461, K-07250467

**Web:** <http://cat.hansa-flex.com/en/KVERSCHLEISATZDRCKREGLER>

**K-KARTUSCHEN**

Cartridge






Identification	Designation
K- 07 25 15 61	Sealing set
K- 07 25 15 60	Sealing set
K- 07 25 15 57	Cartouche
K- 07 25 15 56	Cartouche
K- 07 25 15 55	Cartouche

**Web:** <http://cat.hansa-flex.com/en/KKARTUSCHEN>

**K-FILTEREINSATZ**

Filter insert

Identification	Circuit diagram	Description
K- 07 25 15 96		Filter insert K-07250556 - K-07250557
K- 07 25 15 94		Filter insert K-07250553 - K-07250555
K- 07 25 15 92		Filter insert K-07251008 - K-07251010, K-07251011 - K-07251013

**Web:** <http://cat.hansa-flex.com/en/KFILTEREINSATZ>

## K-MEMBRANE DICHTKEGEL

### Sealing cone, complete

Sealing cone, complete



Identification	Description
K-07 25 17 36	Cone seal complete
K-07 25 17 35	Diaphragm, complete
K-07 25 17 34	Cone seal complete
K-07 25 17 33	Diaphragm, complete
K-07 25 17 32	Cone seal complete
K-07 25 17 29	Diaphragm, complete
K-07 25 17 28	Cone seal complete

Web: <http://cat.hansa-flex.com/en/KMEMBRANEDICHTKEGEL>

## K-VENTILAUSTAUSSCHSATZ

### Valve replacement kit

Valve replacement kit



Identification	Description
K-07 25 15 88	Valve replacement kit K-07250472 and K-07250473
K-07 25 15 90	Valve replacement kit K-07250474
K-07 25 15 74	Valve replacement kit K-07250469 - K-07250470
K-07 25 15 75	Valve replacement kit K-07250471
K-07 25 15 72	Valve replacement kit K-07250461, K-07250462, K-07250467, K-07250468
K-07 25 15 73	Valve replacement kit K-07250459, K-07250442
K-07 25 15 70	Valve replacement kit K-07250457, K-07250458, K-07250463, K-07250464
K-07 25 15 71	Valve replacement kit K-07250465 - K-07250466



Web: <http://cat.hansa-flex.com/en/KVENTILAUSTAUSSCHSATZ>

**K-DOPPELRINGSCHLUESSEL**

Double ring spanner

Double ring spanner



Identification	Description
K- 07 25 05 52	Wrench for regulator G 1/2 to 2

**Web:** <http://cat.hansa-flex.com/en/KDOPPELRINGSCHLUESSEL>

**K-ERSATZSIEBE**

Replacement strainer

Replacement strainer



Identification	Description
K- 07 25 15 89	Replacement strainer K-07250472 and K-07250473
K- 07 25 15 91	Replacement strainer K-07250474
K- 07 25 15 78	Replacement strainer K-07250461, K-07250462, K-07250467, K-07250468
K- 07 25 15 79	Replacement strainer K-07250459, K-07250460
K- 07 25 15 76	Replacement strainer K-07250457, K-07250458, K-07250463, K-07250464, K-07250469, K-07250470
K- 07 25 15 77	Replacement strainer K-07250465, K-07250466, K-07250471



**Web:** <http://cat.hansa-flex.com/en/KERSATZSIEBE>


**K-KUNSTSTOFFBEHAELTER**

Plastic tank

Identification	Circuit diagram	Description
K- 07 25 15 97		Plastic bowl K-07250556 - K-07250557
K- 07 25 15 95		Plastic bowl K-07250553 - K-07250555

**K-KUNSTSTOFFBEHAELTER**

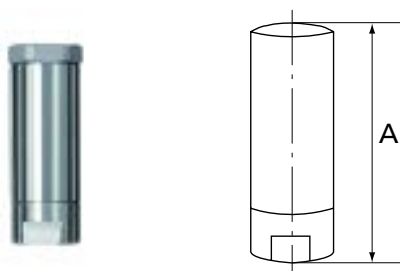
## Plastic tank

Identification	Circuit diagram	Description
K-07 25 15 93		Plastic bowl K-07251008 - K-07251010, K-07251011 - K-07251013

**Web:** <http://cat.hansa-flex.com/en/KKUNSTSTOFFBEHAELTER>

**K-INLINE-DRG IG M SEKUNDAERENTLUEFT**

## Inline pressure regulators, 2 x female thread, self-relieving



The majority of pneumatic tools are connected directly to the compressed air supply by means of a quick disconnect coupling, in other words they tend to be supplied with a higher pressure than is actually required. Which increases consumption and leads to tool overload. Added safety is provided by the automatic self-relieving function. If the tool is disconnected from the hose, it continues to work for a short period, even though it has been switched off, owing to the residual pressure that is present on the tool side.

Inadvertent operation of the tool can thus lead to serious injuries to the user (tackers or nail drivers can fire up to another ten shots).

This effect can be prevented by using the inline pressure regulators, which have a preset pressure determined by the application, thereby achieving energy efficiency and economy.

**Operating pressure:** Max. 25 bar

**Temp. range:** 0 °C to +80 °C

**Housing:** Aluminium

**Other parts:** Stainless steel, nitrile rubber, brass

**Note:** Further information on request

Identification	Thread	Working pressure (preset)	flow rate	A mm	AF mm
K-07 25 02 83	G 1/4	2 bar	600 - 800 l/min	56,6	16
K-07 25 02 84	G 1/4	3 bar	600 - 800 l/min	56,6	16
K-07 25 02 85	G 1/4	4 bar	600 - 800 l/min	56,6	16
K-07 25 02 86	G 1/4	5 bar	600 - 800 l/min	56,6	16
K-07 25 02 87	G 1/4	6 bar	600 - 800 l/min	56,6	16
K-07 25 02 88	G 1/4	8 bar	600 - 800 l/min	56,6	16
K-07 25 02 89	G 3/8	2 bar	2000 l/min	63,0	22
K-07 25 02 90	G 3/8	4 bar	2000 l/min	63,0	22
K-07 25 02 91	G 3/8	6 bar	2000 l/min	63,0	22
K-07 25 02 92	G 3/8	8 bar	2000 l/min	63,0	22
K-07 25 02 93	G 1/2	2 bar	3000 l/min	67,5	27
K-07 25 02 94	G 1/2	4 bar	3000 l/min	67,5	27
K-07 25 02 95	G 1/2	6 bar	3000 l/min	67,5	27
K-07 25 02 96	G 1/2	8 bar	3000 l/min	67,5	27

**Web:** <http://cat.hansa-flex.com/en/KINLINEDRGIGMSEKUNDAERENTLUEFT>

**K-INLINE-DRG AG IG M SEKUNDAERENTLU**

## Inline pressure regulators, female/male thread, self-relieving

The majority of pneumatic tools are connected directly to the compressed air supply by means of a quick disconnect coupling, in other words they tend to be supplied with a higher pressure than is actually required. Which increases consumption and leads to tool overload. Added safety is provided by the automatic self-relieving function. If the tool is disconnected from the hose, it continues to work for a short period, even though it has been switched off, owing to the residual pressure that is present on the tool side. Inadvertent operation of the tool can thus lead to serious injuries to the user (tackers or nail drivers can fire up to another ten shots). This effect can be prevented by using the inline pressure regulators, which have a preset pressure determined by the application, thereby achieving energy efficiency and economy.

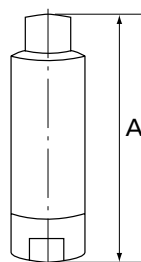
**Operating pressure:** Max. 25 bar

**Temp. range:** 0 °C to +80 °C

**Housing:** Aluminium

**Other parts:** Stainless steel, nitrile rubber, brass

**Note:** Further information on request



Identification	Thread	Working pressure (preset)	flow rate	A mm	AF mm
K- 07 25 02 97	G 1/4	2 bar	600 - 800 l/min	66,6	16
K- 07 25 02 98	G 1/4	3 bar	600 - 800 l/min	66,6	16
K- 07 25 02 99	G 1/4	4 bar	600 - 800 l/min	66,6	16
K- 07 25 03 00	G 1/4	5 bar	600 - 800 l/min	66,6	16
K- 07 25 03 01	G 1/4	6 bar	600 - 800 l/min	66,6	16
K- 07 25 03 02	G 1/4	8 bar	600 - 800 l/min	66,6	16

**Web:** <http://cat.hansa-flex.com/en/KINLINEDRGAGIGMSEKUNDAERENTLU>

**K-INLINE-DRG AG IG O SEKUNDAERENTLU**

## Inline pressure regulators, non-self-relieving

This single-acting diaphragm regulator can be installed in any pneumatic system. Since the pressure is preset in the factory and cannot be altered, the product is also tamper-proof. We recommend mounting the regulator directly on the tool to make sure the correct pressure is applied. In this case, the tool is never stressed by the higher pressure of the supply system and is protected against pressure fluctuations in hoses, pipes, etc. Energy efficiency and economic efficiency can be achieved by using an inline pressure regulator.

**Operating pressure:** max. 18 bar

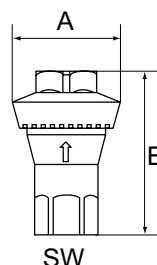
**Temp. range:** 0 °C to +60 °C

**pressure tolerance:** ± 0.3 bar at 10 l/min

**Housing:** Zinc

**Other parts:** Brass, NBR, stainless steel

**Note:** Further information on request

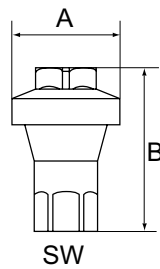


Identification	Thread	Working pressure (preset)	A mm	B	AF mm
K- 07 25 02 75	G 1/4	1 bar	34,0	52.0 mm	17
K- 07 25 02 76	G 1/4	2 bar	34,0	52.0 mm	17
K- 07 25 02 77	G 1/4	3 bar	34,0	52.0 mm	17
K- 07 25 02 78	G 1/4	4 bar	34,0	52.0 mm	17
K- 07 25 02 79	G 1/4	5 bar	34,0	52.0 mm	17
K- 07 25 02 80	G 1/4	6 bar	34,0	52.0 mm	17
K- 07 25 02 81	G 1/4	6,5 bar	34,0	52.0 mm	17
K- 07 25 02 82	G 1/4	7 bar	34,0	52.0 mm	17

**Web:** <http://cat.hansa-flex.com/en/KINLINEDRGAGIGOSEKUNDAERENTLU>

## K-INLINE-DRG IG WASSER O SEKUNDAER

Inline pressure regulators, for water applications



This water regulator is designed as a single-acting diaphragm regulator for installation in any water pipe system. It supplies a precise output value regardless of the input pressure. Since the pressure is preset in the factory and cannot be altered, the product is also tamper-proof. The regulator protects all downstream devices and components in the water pipe by maintaining a required constant pressure and preventing system pressure fluctuations. In combination with a nozzle, it is ideally suited for cooling or cleaning with water spray or mist.

**Operating pressure:** Max. 10 bar  
**Temp. range:** 0 °C to +60 °C  
**Flow rate:** 4000 ml/min with 0.8 bar pressure loss  
**Housing:** Nickel-plated brass  
**Other parts:** CR, stainless steel

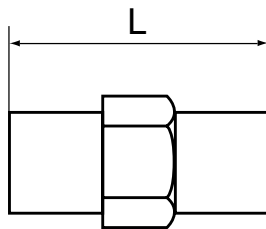
**Note:** Further information on request

Identification	Thread	Working pressure (preset)	A mm	B	AF mm
K-07 25 03 06	G 1/4	1 bar	34,0	51.0 mm	17
K-07 25 03 07	G 1/4	2 bar	34,0	51.0 mm	17
K-07 25 03 08	G 1/4	3 bar	34,0	51.0 mm	17
K-07 25 03 09	G 1/4	4 bar	34,0	51.0 mm	17

**Web:** <http://cat.hansa-flex.com/en/KINLINEDRIGWASSEROSEKUNDAER>

## K-DRG MINI O SEKUNDAERENTLUEFTUNG

Mini pressure regulators



This preset pressure regulator guarantees optimal pressure conditions, especially in blow guns. The pressure regulator is inserted into the compressed air line. Fits onto any 1/4" thread and maintains the pressure at optimum, thus helping to reduce the costs for energy. Tamper-proof.

**Temp. range:** -20 °C to +60 °C  
**Pressure:** Max. 12 bar  
**Pressure range:** Max. 12 bar  
**Temperature:** -20 °C to +60 °C  
**Flow rate:** 0 - 400 l/min  
**Spring:** Stainless-steel  
**Housing:** Brass

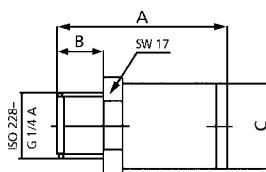
**Note:** Further information on request

Identification	Thread	Working pressure (preset)	L mm
K-07 25 03 03	G 1/4 außen/male	2 bar	24,0
K-07 25 03 04	G 1/4 außen/male	4 bar	24,0
K-07 25 03 05	G 1/4 außen/male	6 bar	24,0

**Web:** <http://cat.hansa-flex.com/en/KDRGMINIOSEKUNDAERENTLUEFTUNG>

## K-DRGREDDV

Pressure reducing valves



Industry, trade and repair shops often require working pressures of 15 bar or less. These pressure reducing valves, which are screwed directly onto the tool, enable the actually necessary working pressure to be set.

Benefits: Significantly reduced risk of accidents, Longer tool life with fewer malfunctions, Lower noise levels at the workplace.

**Input pressure:** Max. 15 bar  
**Connection:** G 1/4 internal / external  
**Material:** Brass

**Note:** Dependent on the input pressure P1, the initial pressure P2 can vary between -20% to +20% Further information on request

Identification	Set pressure	max. flow rate L/min	A mm	B	Ø C mm	AF mm
K-07 25 19 31	2,0	300	34,0	9.0 mm	17,0	17





(Continued)

K-DRGREDV

## Pressure reducing valves

Identification	Set pressure	max. flow rate L/min	A mm	B	Ø C mm	AF mm
K- 07 25 02 00	3,0	360	34,0	9.0 mm	17,0	17
K- 07 25 02 01	4,0	380	34,0	9.0 mm	17,0	17
K- 07 25 02 02	5,0	390	34,0	9.0 mm	17,0	17
K- 07 25 02 03	6,0	405	34,0	9.0 mm	17,0	17
K- 07 25 19 32	7,0	415	34,0	9.0 mm	17,0	17
K- 07 25 19 33	8,0	420	34,0	9.0 mm	17,0	17

**Web:** <http://cat.hansa-flex.com/en/KDRGREDV>

## K-FILTER INLINE

## Filters

For integration in a pneumatic system if different system sections or tools require different air qualities.

**Input pressure:** Max. 18 bar

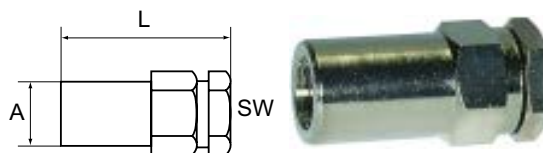
**Temp. range:** 0 °C to +80 °C

**Filter rating:** 36,00 µm

**Filter:** Nickel-plated brass

**Housing:** Brass

**Other parts:** NBR



**Note:** Further information on request

Identification	Thread	A mm	L mm	AF mm
K- 07 25 05 72	G 1/8 female/female	16,0	36,0	17
K- 07 25 05 73	G 1/4 female/female	18,0	41,0	19
K- 07 25 05 74	G 3/8 female / female	22,0	53,0	24
K- 07 25 05 75	G 1/2 female/female	28,4	62,0	30
K- 07 25 05 76	G 1/8 female/male	16,0	36,0	17
K- 07 25 05 77	G 1/4 female/male	18,0	41,0	19
K- 07 25 05 78	G 3/8 female / male	22,0	53,0	24
K- 07 25 05 79	G 1/2 female/male	28,4	62,0	30

**Web:** <http://cat.hansa-flex.com/en/KFILTERINLINE>

## K-FI SERIE FILTER PLUG

## Filters

For mounting on pneumatic tools and protecting them against impurities, especially in dirty or dusty working environments.

Inline filters: Extend the service life of the tool, Do not impair the flow, Assure the oil mist supply to the tool.

Designed for use with standard DN 7.2 couplings.

**Temp. range:** 0 °C to +90 °C

**Working pressure:** Max. 10 bar

**Filter element:** Sintered bronze



**Note:** Further information on request

Identification	Material	Thread
K- 07 25 05 80	Nickel-plated steel	R 1/4
K- 07 25 05 81	Nickel-plated steel	R 3/8

**Web:** <http://cat.hansa-flex.com/en/KFISERIEFILTERPLUG>

**Spare parts:**

K-ZUBEHOER F K-FI SERIE FILTER PLUG - Filter element

## K-ZUBEHOER F K-FI SERIE FILTER PLUG

### Filter element

Filter element»filter plug« type

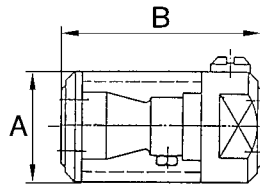


Identification	Description
K-07 25 05 82	Filter element suitably to K-07250580 and K-07250581

Web: <http://cat.hansa-flex.com/en/KZUBEHOERFKFISERIEFILTERPLUG>

## K-NEBELOELER MINI

### Mini oil-mist lubricator

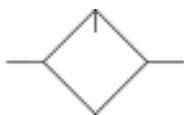


For mounting on pneumatic impact tools (nail drivers, tackers, screwdrivers) which work intermittently. Also suitable for tools with continuous compressed air demand (grinding and polishing machines). Fixed drip rate: Approx. 0.4 cm<sup>3</sup> per 100 work cycles, one filling = 3000 work cycles. Oil consumption in continuous operation (at 6 bar): 0.15 cm<sup>3</sup> / Nm<sup>3</sup> (varies depending on ambient temperature and oil used).

<b>Operating pressure:</b>	min. 2 bar - max. 6 bar
<b>Media temperature:</b>	max. 50 °C
<b>Ambient temperature:</b>	Max. 50 °C
<b>Mounting position/flow direction:</b>	Oil intake at the lowest point/any
<b>Oil container:</b>	Polycarbonate
<b>Oil grade:</b>	CL 32 acc. to DIN 51517 - ISO VG 32

Note: Further information on request

Identification	Thread	A mm	B	DN
K-07 25 09 11	G 1/4	33,0	60,0 mm	8
K-07 25 09 12	G 3/8	33,0	60,0 mm	8



Web: <http://cat.hansa-flex.com/en/KNEBELOELERMINI>

## K-ZUBEH ERSATZ LUFT BOOSTER

### Accessories / spare parts for Air-air-multiplier (booster)

Accessories / spare parts for Air-air-multiplier (booster)



Identification	Description
K-07 25 18 01	Set of gaskets (complete set for pressure multiplier and regulator), Ø 40 mm
K-07 25 18 02	Set of gaskets (complete set for pressure multiplier and regulator), Ø 63 mm



(Continued)

**K-ZUBEH ERSATZ LUFT BOOSTER**

## Accessories / spare parts for Air-air-multiplier (booster)

Identification	Description
K- 07 25 17 99	Regulator unit (regulator + adapter + fixing parts) for Art. No. B-922
K- 07 25 18 00	Regulator unit (regulator + adapter + fixing parts) for Art. No. B-924

**Web:** <http://cat.hansa-flex.com/en/KZUBEHERSATZLUFTBOOSTER>

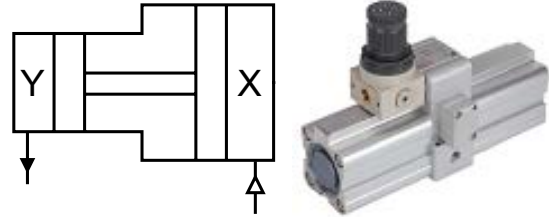
**K-DVST MIT REGLER**

## Pressure booster with regulator

Pressure multipliers (boosters) allow a separate compressed air store with up to double pressure to be installed for selected devices in a compressed air system without an external energy source, i.e. it is possible to work with a maximum pressure of 20 bar in a standard 10 bar system (maximum ratio 2:1). This is achieved using a double piston, which is operated by a combination of integrated check valves in such a way that the booster works automatically until the target pressure is reached in a compressed air tank and is then automatically switched off. A tank is always required to build up the pressure and store the compressed air!

- Input pressure:** 2 - 10 bar  
**Output pressure:** Max. 20 bar (regulated: max. 16 bar)  
**Temp. range:** -10 °C to +50 °C (40 mm bore), -10 °C to +60 °C (63 mm bore)  
**Media:** Filtered, unlubricated or lubricated compressed air (if lubrication is used, it must be continuous)  
**Sealant:** NBR  
**Pressure regulators:** With plastic body  
**Housing:** Aluminium, anodised  
**Pipe:** Anodised aluminium jacket  
**Assembly:** Any position, with 4 mounting holes  
**P2:P1:** 1:1 to 1.6:1

**Note:** For information about calculating the filling times for different tank sizes, refer to the above-mentioned data sheet available on our website. Further information on request



Identification	Connection	Ø piston mm	H mm	L mm
K- 07 25 08 65	G 1/8	40,0	139,0	194,0
K- 07 25 08 67	G 3/8	63,0	183,0	290,0

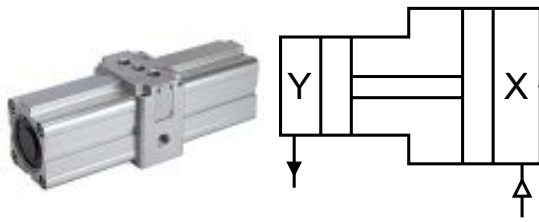
**Web:** <http://cat.hansa-flex.com/en/KDVSTMITREGLER>

**Accessories:**

**K-ZUBEH ERSATZ LUFT BOOSTER** - Accessories / spare parts for Air-air-multiplier (booster)

**K-DVST OHNE REGLER**

## Pressure booster without regulator



Pressure multipliers (boosters) allow a separate compressed air store with up to double pressure to be installed for selected devices in a compressed air system without an external energy source, i.e. it is possible to work with a maximum pressure of 20 bar in a standard 10 bar system (maximum ratio 2:1). This is achieved using a double piston, which is operated by a combination of integrated check valves in such a way that the booster works automatically until the target pressure is reached in a compressed air tank and is then automatically switched off. A tank is always required to build up the pressure and store the compressed air!

**Input pressure:** 2 - 10 bar

**Output pressure:** Max. 20 bar (regulated: max. 16 bar)

**Temp. range:** -10 °C to +50 °C (40 mm bore), -10 °C to +60 °C (63 mm bore)

**Media:** Filtered, unlubricated or lubricated compressed air (if lubrication is used, it must be continuous)

**Sealant:** NBR

**Pressure regulators:** With plastic body

**Housing:** Aluminium, anodised

**Pipe:** Anodised aluminium jacket

**Assembly:** Any position, with 4 mounting holes

**P2:P1:** 2:1

**Note:** For information about calculating the filling times for different tank sizes, refer to the above-mentioned data sheet available on our website. Further information on request

Identification	Connection	Ø piston mm	H mm	L mm
K-07 25 08 64	G 1/8	40,0	64,0	194,0
K-07 25 08 66	G 3/8	63,0	98,0	290,0

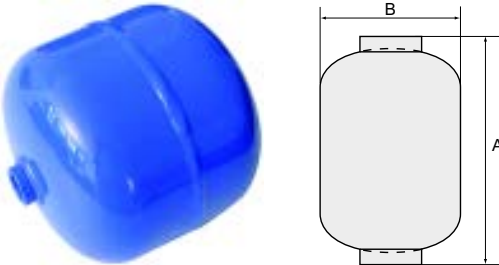
**Web:** <http://cat.hansa-flex.com/en/KDVSTOHNREGLER>

**Accessories:**

**K-ZUBEH ERSATZ LUFT BOOSTER** - Accessories / spare parts for Air-air-multiplier (booster)

**K-DRUCKLUFTBEHAELTER**

## Compressed air tanks



Compact steel tanks in accordance with EU Directive 97/23

**Operating pressure:** max. 11 bar

**Temp. range:** -10 °C to +60 °C

**Material:** steel (FeP04), plastic coated

**Note:** Further information on request

Identification	Content l L	Connection	A mm	B
K-07 25 17 94	1,0	2 x G 1/2 female	225,0	85,0 mm
K-07 25 17 95	2,5	2 x G 1/2 female	170,0	160,0 mm
K-07 25 17 96	5,0	2 x G 1/2 female	184,0	210,0 mm
K-07 25 17 97	7,0	2 x G 1/2 female	240,0	210,0 mm
K-07 25 17 98	12,0	2 x G 1/2 female	365,0	229,0 mm

**Web:** <http://cat.hansa-flex.com/en/KDRUCKLUFTBEHAELTER>

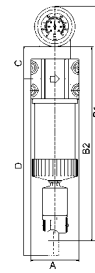
**K-VORFILTER M MANO**

## Pre-filters with differential pressure gauge

Suitable for all applications where the standard centrifugal separators do not afford the desired efficiency. The pre-filters and micro-filters are equipped with an automatic drain valve. All devices can be supplied with or without a differential pressure gauge. The differential pressure gauge indicates the degree of contamination of the filter element as a function of the pressure drop.

<b>Input pressure:</b>	Min. 4 bar, Max. 16 bar
<b>display range differential pressure gauge:</b>	0 - 2 bar
<b>Housing, filter container:</b>	Aluminium
<b>Ambient temperature:</b>	+5 °C to +60 °C
<b>Filter rating:</b>	2,00 µm
<b>Particle separation:</b>	2 µm
<b>Efficiency:</b>	99,99 %
<b>Filter insert:</b>	Polyethylene (with 45% cavity)
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 0.5\%$

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B1 mm	B2 mm	C mm	D mm
K-07 25 12 86	G 1/4	1000	82,5	407,0	335,0	57,0	353,0
K-07 25 12 87	G 3/8	1000	82,5	407,0	335,0	57,0	353,0
K-07 25 12 88	G 1/2	1000	82,5	407,0	335,0	57,0	353,0
K-07 25 12 89	G 3/4	2000	82,5	477,0	405,0	57,0	493,0
K-07 25 12 90	G 1	3000	118,0	492,0	420,0	72,0	458,0
K-07 25 12 91	G 1 1/4	5300	118,0	592,0	520,0	72,0	658,0
K-07 25 12 92	G 1 1/2	8300	118,0	692,0	620,0	72,0	858,0
K-07 25 12 93	G 2	13000	118,0	882,0	810,0	72,0	1238,0



**Web:** <http://cat.hansa-flex.com/en/KVORFILTERMMANO>

**Spare parts:**

- K-FILTERELEMENT SONDER - Filter element
- K-VERBINDUNGSELEMENTE SOND - Connecting sets
- K-HALTERBAUSATZ - Holder
- K-DIFFERENZDRUCKMANOMETER - Differential pressure gauge
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

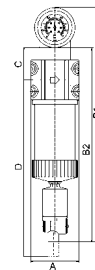
**K-VORFILTER O MANO**

## Pre-filters without differential pressure gauge

Suitable for all applications where the standard centrifugal separators do not afford the desired efficiency. The pre-filters and micro-filters are equipped with an automatic drain valve. All devices can be supplied with or without a differential pressure gauge. The differential pressure gauge indicates the degree of contamination of the filter element as a function of the pressure drop.

<b>Input pressure:</b>	Min. 4 bar, Max. 16 bar
<b>display range differential pressure gauge:</b>	0 - 2 bar
<b>Housing, filter container:</b>	Aluminium
<b>Ambient temperature:</b>	+5 °C to +60 °C
<b>Filter rating:</b>	2,00 µm
<b>Particle separation:</b>	2 µm
<b>Efficiency:</b>	99,99 %
<b>Filter insert:</b>	Polyethylene (with 45% cavity)
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 0.5\%$

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B2 mm	C mm	D mm
K-07 25 12 94	G 1/4	1000	82,5	338,0	57,0	353,0
K-07 25 12 95	G 3/8	1000	82,5	338,0	57,0	353,0
K-07 25 12 96	G 1/2	1000	82,5	338,0	57,0	353,0
K-07 25 12 97	G 3/4	2000	82,5	408,0	57,0	493,0



**K-VORFILTER O MANO**

(Continued)

## Pre-filters without differential pressure gauge

Identification	Thread	Flow rate L/min	A mm	B2 mm	C mm	D mm
K-07 25 12 98	G 1	3000	118,0	423,0	72,0	458,0
K-07 25 12 99	G 1 1/4	5300	118,0	523,0	72,0	658,0
K-07 25 13 00	G 1 1/2	8300	118,0	623,0	72,0	858,0
K-07 25 13 01	G 2	13000	118,0	813,0	72,0	1238,0

Web: <http://cat.hansa-flex.com/en/KVORFILTEROMANO>**Spare parts:**

K-FILTERELEMENT SONDER - Filter element

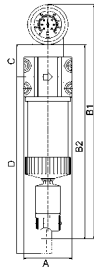
K-VERBINDUNGSELEMENTE SOND - Connecting sets

K-HALTERBAUSATZ - Holder

K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI MIKRO M DIFFERENZ MANO**

## Micro-filters with differential pressure gauge



Suitable for all applications where the standard centrifugal separators do not afford the desired efficiency. The pre-filters and micro-filters are equipped with an automatic drain valve. All devices can be supplied with or without a differential pressure gauge. The differential pressure gauge indicates the degree of contamination of the filter element as a function of the pressure drop.

**Input pressure:** Min. 4 bar, Max. 16 bar**display range differential****pressure gauge:** 0 - 2 bar**Housing, filter container:** Aluminium**Ambient temperature:** +5 °C to +60 °C**Filter rating:** 0,01 µm**Efficiency:** 99.9999 %**Filter insert:** Borosilicate (with glass-fibre and foam plastic)**Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 1.5\%$ **Note:** Further information on request

Identification	Thread	Flow rate L/min	A mm	B1 mm	B2 mm	C mm	D mm
K-07 25 13 02	G 1/4	1300	82,5	407,0	335,0	57,0	353,0
K-07 25 13 03	G 3/8	1300	82,5	407,0	335,0	57,0	353,0
K-07 25 13 04	G 1/2	1300	82,5	407,0	335,0	57,0	353,0
K-07 25 13 05	G 3/4	2000	82,5	477,0	405,0	57,0	493,0
K-07 25 13 06	G 1	4080	118,0	492,0	420,0	72,0	458,0
K-07 25 13 07	G 1 1/4	4580	118,0	592,0	520,0	72,0	658,0
K-07 25 13 08	G 1 1/2	6500	118,0	692,0	620,0	72,0	858,0
K-07 25 13 09	G 2	9000	118,0	882,0	810,0	72,0	1238,0

Web: <http://cat.hansa-flex.com/en/KFIMIKROMDIFFERENZMANO>**Spare parts:**

K-FILTERELEMENT SONDER - Filter element

K-VERBINDUNGSELEMENTE SOND - Connecting sets

K-HALTERBAUSATZ - Holder

K-DIFFERENZDRUCKMANOMETER - Differential pressure gauge

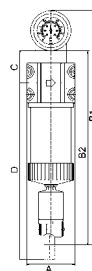
K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI MIKRO O DIFFERENZ MANO****Micro-filters without differential pressure gauge**

Suitable for all applications where the standard centrifugal separators do not afford the desired efficiency. The pre-filters and micro-filters are equipped with an automatic drain valve. All devices can be supplied with or without a differential pressure gauge. The differential pressure gauge indicates the degree of contamination of the filter element as a function of the pressure drop.

<b>Input pressure:</b>	Min. 4 bar, Max. 16 bar
<b>display range differential pressure gauge:</b>	0 - 2 bar
<b>Housing, filter container:</b>	Aluminium
<b>Ambient temperature:</b>	+5 °C to +60 °C
<b>Filter rating:</b>	0,01 µm
<b>Efficiency:</b>	99.9999 %
<b>Filter insert:</b>	Borosilicate (with glass-fibre and foam plastic)
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 1.5\%$

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B2 mm	C mm	D mm
K-07 25 13 10	G 1/4	1300	82,5	338,0	57,0	353,0
K-07 25 13 11	G 3/8	1300	82,5	338,0	57,0	353,0
K-07 25 13 12	G 1/2	1300	82,5	338,0	57,0	353,0
K-07 25 13 13	G 3/4	2000	82,5	408,0	57,0	493,0
K-07 25 13 14	G 1	4080	118,0	423,0	72,0	458,0
K-07 25 13 15	G 1 1/4	4580	118,0	523,0	72,0	658,0
K-07 25 13 16	G 1 1/2	6500	118,0	623,0	72,0	858,0
K-07 25 13 17	G 2	9000	118,0	813,0	72,0	1238,0



**Web:** <http://cat.hansa-flex.com/en/KFIMIKROODIFFERENZMANO>

**Spare parts:**

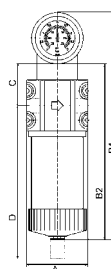
- K-FILTERELEMENT SONDER - Filter element
- K-VERBINDUNGELEMENTE SOND - Connecting sets
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI AK KOH M DIFFERENZ MANO****Activated carbon filters with differential pressure gauge**

Suitable for all applications where the standard centrifugal separators do not afford the desired efficiency. The pre-filters and micro-filters are equipped with an automatic drain valve. All devices can be supplied with or without a differential pressure gauge. The differential pressure gauge indicates the degree of contamination of the filter element as a function of the pressure drop.

<b>Input pressure:</b>	Min. 4 bar, Max. 16 bar
<b>display range differential pressure gauge:</b>	0 - 2 bar
<b>Housing, filter container:</b>	Aluminium
<b>Ambient temperature:</b>	+5 °C to +60 °C
<b>Filter insert:</b>	Activated carbon
<b>Residual oil content:</b>	0.005 mg/m <sup>3</sup>
<b>Flow rate measurement:</b>	At P1 = 6 bar and pressure drop $\Delta p = 0.5\%$

**Note:** Further information on request



Identification	Thread	Flow rate L/min	A mm	B1 mm	B2 mm	C mm	D mm
K-07 25 13 18	G 1/4	500	82,5	318,5	245,0	57,0	263,0
K-07 25 13 19	G 3/8	500	82,5	318,5	245,0	57,0	263,0
K-07 25 13 20	G 1/2	500	82,5	318,5	245,0	57,0	263,0
K-07 25 13 21	G 3/4	1000	82,5	388,5	315,0	57,0	403,0
K-07 25 13 22	G 1	1500	118,0	403,5	330,0	72,0	368,0
K-07 25 13 23	G 1 1/4	2650	118,0	503,5	430,0	72,0	568,0



**K-FI AK KOH M DIFFERENZ MANO**

(Continued)

## Activated carbon filters with differential pressure gauge

Identification	Thread	Flow rate L/min	A mm	B1 mm	B2 mm	C mm	D mm
K-07 25 13 24	G 1 1/2	4150	118,0	603,5	530,0	72,0	768,0
K-07 25 13 25	G 2	6650	118,0	793,5	720,0	72,0	1148,0



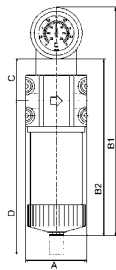
Web: <http://cat.hansa-flex.com/en/KFIAKKOHMDIFFERENZMANO>

**Spare parts:**

- K-FILTERELEMENT SONDER - Filter element
- K-VERBINDUNGSELEMENTE SOND - Connecting sets
- K-HALTERBAUSATZ - Holder
- K-DIFFERENZDRUCKMANOMETER - Differential pressure gauge
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve

**K-FI AK KOH O DIFFERENZ MANO**

## Activated carbon filters without differential pressure gauge



Suitable for all applications where the standard centrifugal separators do not afford the desired efficiency. The pre-filters and micro-filters are equipped with an automatic drain valve. All devices can be supplied with or without a differential pressure gauge. The differential pressure gauge indicates the degree of contamination of the filter element as a function of the pressure drop.

- Input pressure:** Min. 4 bar, Max. 16 bar
- display range differential pressure gauge:** 0 - 2 bar
- Housing, filter container:** Aluminium
- Ambient temperature:** +5 °C to +60 °C
- Filter insert:** Activated carbon
- Residual oil content:** 0.005 mg/m<sup>3</sup>
- Flow rate measurement:** At P1 = 6 bar and pressure drop  $\Delta p = 0.5\%$

Note: Further information on request

Identification	Thread	Flow rate L/min	A mm	B2 mm	C mm	D mm
K-07 25 13 26	G 1/4	500	82,5	248,0	57,0	263,0
K-07 25 13 27	G 3/8	500	82,5	248,0	57,0	263,0
K-07 25 13 28	G 1/2	500	82,5	248,0	57,0	263,0
K-07 25 13 29	G 3/4	1000	82,5	318,0	57,0	403,0
K-07 25 13 30	G 1	1500	118,0	333,0	72,0	368,0
K-07 25 13 31	G 1 1/4	2650	118,0	433,0	72,0	568,0
K-07 25 13 32	G 1 1/2	4150	118,0	533,0	72,0	768,0
K-07 25 13 33	G 2	6650	118,0	723,0	72,0	1148,0



Web: <http://cat.hansa-flex.com/en/KFIAKKOHODIFFERENZMANO>

**Spare parts:**

- K-FILTERELEMENT SONDER - Filter element
- K-VERBINDUNGSELEMENTE SOND - Connecting sets
- K-HALTERBAUSATZ - Holder
- K-AUTOMAT ABLASSVENTIL - Automatic drain valve




**K-FILTERELEMENT SONDER****Filter element**

Identification	Circuit diagram	Description
K-07 25 17 16		Filter element for G 1, finely carbon, microfiber material, ends of aluminium
K-07 25 17 17		Filter element for G 1 1/4, finely carbon, microfiber material, ends of aluminium
K-07 25 17 14		Filter element for G 1/4, G 3/8, G 1/2, finely carbon, microfiber material, ends of aluminium
K-07 25 17 15		Filter element for G 3/4, finely carbon, microfiber material, ends of aluminium
K-07 25 17 12		Filter element for G 1 1/2, finely carbon, microfiber material, ends of aluminium
K-07 25 17 13		Filter element for G 2, finely carbon, microfiber material, ends of aluminium
K-07 25 17 10		Filter element for G 1, microfibre non-woven material, ends of aluminium
K-07 25 17 11		Filter element for G 1 1/4, microfibre non-woven material, ends of aluminium
K-07 25 17 08		Filter element for G 1/4, G 3/8, G 1/2, microfibre non-woven material, ends of aluminium
K-07 25 17 09		Filter element for G 3/4, microfibre non-woven material, ends of aluminium
K-07 25 17 06		Filter element for G 1 1/2, microfibre non-woven material, ends of aluminium
K-07 25 17 07		Filter element for G 2, microfibre non-woven material, ends of aluminium
K-07 25 17 04		Filter element for G 1 1/2, from sintered polyethylene, ends of aluminium
K-07 25 17 05		Filter element for G 2, from sintered polyethylene, ends of aluminium
K-07 25 17 02		Filter element for G 1, from sintered polyethylene, ends of aluminium
K-07 25 17 03		Filter element for G 1 1/4, from sintered polyethylene, ends of aluminium
K-07 25 17 00		Filter element for G 1/4, G 3/8, G 1/2, from sintered polyethylene, ends of aluminium

**K-FILTERELEMENT SONDER**

## Filter element

Identification	Circuit diagram	Description
K- 07 25 17 01		Filter element for G 3/4 from sintered polyethylene, ends of aluminium

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENTSONDER>

**K-VERBINDUNGSELEMENTE SOND**

## Connecting sets

Connecting set



Identification	Description
K- 07 25 16 98	Joiner set for G 1/4 to G 3/4
K- 07 25 16 99	Joiner set for G 1 to G 2

**Web:** <http://cat.hansa-flex.com/en/KVERBINDUNGSELEMENTESOND>

**K-OEL WS TRENNER DRUKOSEP**

## »drukosep« oil-water separators



For compressor capacities up to 3.5 m<sup>3</sup>/min. Why treat condensate? Condensate is produced whenever air is compressed. The amount of condensate depends on the size and operating time of the compressor. The condensate produced by oil-lubricated compressors can contain up to 2000 mg of oil per litre! According to § 7a of the Water Resources Policy Act, this condensate must be treated in line with the latest state of the art before it can be introduced into the public sewer system.

The maximum limit is 20 mg of oil per litre of water. If the condensate is not treated, it must be collected and disposed of by a specialist firm upon proof. »drukosep« separates the oil from the condensate with a combination of coalescence and activated carbon filters. The cleaned water can be discharged into the public sewer system, while the waste oil collects in the combination filter and can be disposed of together with it. Benefits of »drukosep«: Compact design, Secure wall or floor mounting, 3-stage combination filter, Test glass for the cleaned condensate.

**Container:** Polyethylene / Polypropylene  
**Filter:** Polypropylene / activated carbon

**Note:** Further information on request

Identification	max. compressor performance m <sup>3</sup> /min	Height mm	Width mm	Depth mm	Weight kg
K- 07 25 09 25	1,5	445	251,0	240,0	4,3

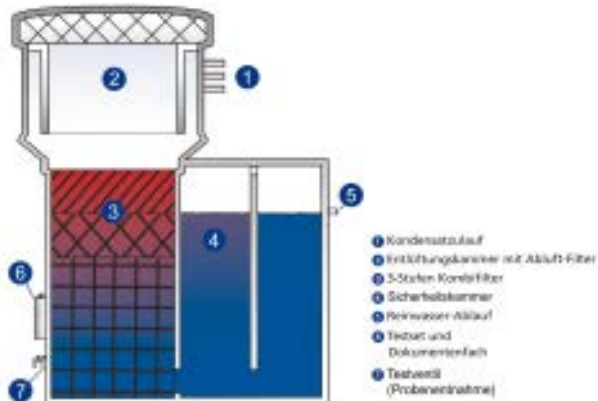


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**K-OEL WS TRENNER DRUKOSEP**

»drukosep« oil-water separators

Identification	max. compressor performance m <sup>3</sup> /min	Height mm	Width mm	Depth mm	Weight kg
K- 07 25 09 26	2,5	545	251,0	240,0	5,5
K- 07 25 09 27	3,5	613	373,0	291,0	9,0



**Web:** <http://cat.hansa-flex.com/en/KOELWSTRENNERDRUKOSEP>

**Spare parts:**

**K-ERSATZFILTERSET DRUKOSEP** - Replacement filter set for oil-water separators

**Accessories:**

**K-ZUBEH DRUKOSEP** - Accessories for oil-water separators

**K-KONDENSA DRUKODRAIM**

Drain for compressed air condensate

Ruggedly designed, cycle-controlled drain system for controlled drainage of compressed air condensate, proven thousands of times over and ready to use immediately.

In contrast with conventional clock generators, the blowing and pause times of the »drukodrain« are not set in seconds or minutes but in bar or m<sup>3</sup>/min, depending on the pneumatic system installed upstream. Efficient and reliable operation is assured. Benefits of »drukodrain«: Clock generator settings according to compressed air system: "bar" - for operating pressure, "m<sup>3</sup>/min" - for compressor or dryer capacity, Suitable for compressor / dryer capacities up to 20 m<sup>3</sup>/min, Integrated dirt pan and G 1/2 ball valve, 2 m connection cable with plug (230 V / 50 Hz) included.



**Note:** Further information on request

Identification	Operating pressure	Voltage
K- 07 25 09 23	Max. 16 bar	230 V / 50 Hz

**Web:** <http://cat.hansa-flex.com/en/KKONDENSADUKODRAIM>

**Spare parts:**

**K-ZUBEH KONDENSATABLEITER** - Accessories for drain for compressed air condensate

**K-ZUBEH KONDENSATABLEITER**

## Accessories for drain for compressed air condensate



Accessories for drain for compressed air condensate »drukodrain« Type

Identification	Description
K-07 25 18 67	Clock generator
K-07 25 18 68	Service kit



**Web:** <http://cat.hansa-flex.com/en/KZUBEHKONDENSATABLEITER>

**K-KONDENSA DRUKODRAIN PLUS**

## Drain for compressed air condensate



Compact and exceptionally reliable, level-controlled drain for compressed air condensate. The condensate enters the integrated collecting tank, in which the level is continuously monitored. When the condensate reaches the maximum mark, the pilot valve opens and the condensate is forced into the discharge line by the system pressure. The valve closes again when the level reaches the minimum mark. Benefits of »drukodrain plus«: No pressure loss, Diaphragm protected by integrated cup filter, Test button for manual outlet, Auto-reset function, Suitable for all condensate types.

**Filter capacity:** 100 m<sup>3</sup>/min  
**Compressor capacity:** 10 m<sup>3</sup>/min  
**Dryer capacity:** 20 m<sup>3</sup>/min

**Note:** Further information on request

**Ordering information:** The following voltages on request: 24 VDC, 24 VAC DC, 24 VAC / 50 Hz, 110 VAC / 50 Hz, 115 V / 50 Hz

Identification	Operating pressure	Voltage
K-07 25 09 24	0.2 - 16 bar	230 VAC / 50 Hz

**Web:** <http://cat.hansa-flex.com/en/KKONDENSADRUODRAINPLUS>

**K-ERSATZFILTERSET DRUOSEP**

## Replacement filter set for oil-water separators



Replacement filter set for oil-water separators »drukosep« Series

Identification	Description
K-07 25 18 71	Replacement filter set for SEP 3
K-07 25 18 70	Replacement filter set for SEP 2
K-07 25 18 69	Replacement filter set for SEP 1

**Web:** <http://cat.hansa-flex.com/en/KERSATZFILTERSETDRUOSEP>

**K-ZUBEH DRUKOSEP**

## Accessories for oil-water separators

Accessories for oil-water separators »drukosep« Series

**Identification**

K- 07 25 18 72

K- 07 25 18 73

**Description**

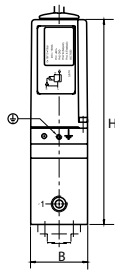
Oil test paper (80 strips)

Test glass

**Web:** <http://cat.hansa-flex.com/en/KZUBEHDRUKOSEP>

## K-PROP REGELVE PULSTRONIC II

### Proportional control valves »pulstronic II« type



Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital.

Proportional valves allow the medium to be varied as a function of an electronic input variable.

By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually.

Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

**Media temperature:** 0 - 60 °C

**Ambient temperature:** 0 - 50 °C

**Media:** Air or neutral gases, filtered 50 µm lubricated or unlubricated

**Pressure range:** 0 - 10 bar

**Piloting:** 0 - 10 V (auf Anfrage: 0 - 20 mA oder 4 - 20 mA)

**Operation:** Pulsed 3/2-way valves

**Hysteresis:** < 1% FS

**Reproducibility:** ± 0,5% FS

**setpoint analogue:** 0 - 10 V, 0 - 20 mA, 4 - 20 mA

**behaviour failsafe:** Pressure hold at voltage loss, without control

**Internal parts:** POM

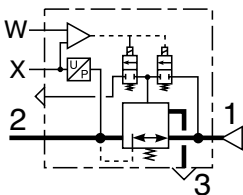
**Sealant:** NBR, FPM

**Housing:** POM

**Note:** Further information on request

Identification	Connection	DN	Flow rate 6bar	B	H mm
K-07 25 10 03	G 1/4	4	470 NI/min	46.5 mm	144,0

#### Pulstronic DN4 + DN7



**Web:** <http://cat.hansa-flex.com/en/KPROPREGELVEPULSTRONICII>

## K-ZUBEH PROPORTIONAL VENTIL

### Accessories for proportional control valve, digita



Identification	Description
K-07 25 18 04	M12 angle cable socket, 5-pin, with screw terminals
K-07 25 18 05	Power supply cable 2 m, 5 x 0.25 mm2, incl. M12 angle cable socket



(Continued)

**K-ZUBEH PROPORTIONAL VENTIL**

## Accessories for proportional control valve, digital

Identification	Description
K- 07 25 18 06	RS 232 converter, 2 m cable with 9-pin sub D connector
K- 07 25 18 07	DaS-software (CD-ROM)



**Web:** <http://cat.hansa-flex.com/en/KZUBEHPROPORTIONALVENTIL>

**K-PROP REGELVE SENTRONIC D**

## Proportional control valves, digital, 24 VDC

Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital. Proportional valves allow the medium to be varied as a function of an electronic input variable.

By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually.

Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

**Media temperature:** 0 - 60 °C

**Ambient temperature:** 0 - 50 °C

**Media:** Air or neutral gases ( $\leq 50 \mu\text{m}$  filter specified)

**Pressure range:** 0 - 10 bar

**Piloting:** 0 to 10 V (on request: 0 to 20 mA or 4 to 20 mA)

**setpoint electrical:** 0 - 10 V

**Analogue output:** 0 - 10 V

**Operation:** Proportional solenoid valve

**Digital output:** Pressure switch output PNP +/- 5%

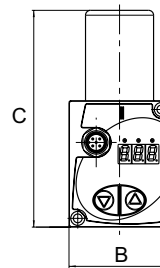
**setting failsafe:** Pressure relieved in case of loss of voltage

**Internal parts:** POM

**Sealant:** NBR

**Housing:** Aluminium

**Note:** Further information on request

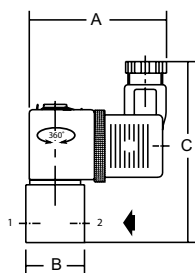


Identification	Connection	DN	Flow rate L/min	B	C mm
K- 07 25 10 04	G 1/8	4	780	52.0 mm	112,0
K- 07 25 10 05	G 1/4	4	780	52.0 mm	112,0
K- 07 25 10 06	G 1/4	8	1750	66.0 mm	138,0
K- 07 25 10 07	G 3/8	8	1750	66.0 mm	138,0

**Web:** <http://cat.hansa-flex.com/en/KPROPREGELVESENTRONICD>

## K-PROP VENTIL LU GA WA 24 V DC

Proportional valves for controlling the flow of air / gas / water / oil, 24 VDC, closed when de-energised



Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital.

Proportional valves allow the medium to be varied as a function of an electronic input variable.

By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually.

Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

**Temp. range:** Max. 50 °C (G 1/8), Max. 90 °C (G 1/4, G 3/8)

**Media:** Air, neutral gases, water, oil

**Pressure range:** Vacuum (max. 8 bar)

**Piloting:** Via plug amplifier 0 to 10 V, 0 to 20 mA, 4 to 20 mA

**behaviour failsafe:** Tight closure in case of loss of voltage

**Housing, valve seat:** Brass

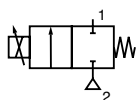
**Internal parts:** Stainless steel

**Valve disc:** FKM

**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	DN	max. operating differential pressure difference bar	A mm	B	C mm
K-07 25 09 89	G 1/8	1	5	59,0	25.0 mm	78,0
K-07 25 09 90	G 1/8	2	4	59,0	25.0 mm	78,0



**Web:** <http://cat.hansa-flex.com/en/KPROPVENTILLUGAWA24VDC>



**K-PROP VENTIL LU GA 24 V DC****Proportional valves for controlling the flow of air / gas, 24 VDC, closed when de-energised**

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**Temp. range:** Max. 50 °C (G 1/8), Max. 90 °C (G 1/4, G 3/8)

**Media:** Air, neutral gases, water, oil

**Pressure range:** Vacuum (max. 8 bar)

**Piloting:** Via plug amplifier 0 to 10 V, 0 to 20 mA, 4 to 20 mA

**behaviour failsafe:** Tight closure in case of loss of voltage

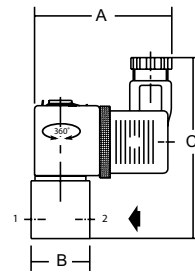
**Housing, valve seat:** Brass

**Internal parts:** Stainless steel

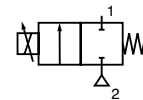
**Valve disc:** FKM

**Sealant:** FKM

**Note:** Further information on request



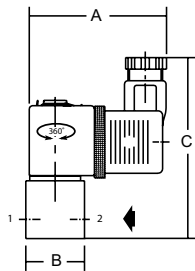
Identification	Connection	DN	max. operating differential pressure difference	A	B	C
				bar	mm	mm
K-07 25 09 91	G 1/4	2	8	85,0	40,0 mm	95,0
K-07 25 09 92	G 1/4	3	4	85,0	40,0 mm	95,0
K-07 25 09 93	G 3/8	6	1	85,0	48,0 mm	97,0
K-07 25 09 94	G 3/8	7	1	85,0	48,0 mm	97,0



**Web:** <http://cat.hansa-flex.com/en/KPROPVENTILLUGA24VDC>

### K-PROP VENTIL WA 24 V DC

Proportional valves for controlling the flow of water / oil, 24 VDC, closed when de-energised



Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital.

Proportional valves allow the medium to be varied as a function of an electronic input variable.

By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually.

Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

**Temp. range:** Max. 50 °C (G 1/8), Max. 90 °C (G 1/4, G 3/8)

**Media:** Air, neutral gases, water, oil

**Pressure range:** Vacuum (max. 8 bar)

**Piloting:** Via plug amplifier 0 to 10 V, 0 to 20 mA, 4 to 20 mA

**behaviour failsafe:** Tight closure in case of loss of voltage

**Housing, valve seat:** Brass

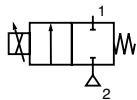
**Internal parts:** Stainless steel

**Valve disc:** FKM

**Sealant:** FKM

**Note:** Further information on request

Identification	Connection	DN	max. operating differential pressure difference bar	A mm	B	C mm
K-07 25 09 95	G 1/4	2	8	85,0	40.0 mm	95,0
K-07 25 09 96	G 1/4	3	4	85,0	40.0 mm	95,0
K-07 25 09 97	G 3/8	6	1	85,0	48.0 mm	97,0
K-07 25 09 98	G 3/8	7	1	85,0	48.0 mm	97,0



**Web:** <http://cat.hansa-flex.com/en/KPROPVENTILWA24VDC>

**K-STECKERVERSTAERKER****Plug amplifier (mounting directly on the valve)**

Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital. Proportional valves allow the medium to be varied as a function of an electronic input variable. By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually. Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

**Rated voltage:** 24 V DC  
**Temp. range:** -10 °C to +75 °C (plug amplifier), -10 °C to +60 °C (chopper amplifier)  
**Housing:** PA  
**for devices with connection:** G 1/8

**Note:** Further information on request



Identification	for devices with connection thread
K- 07 25 09 99	G 1/8
K- 07 25 10 00	G 1/4, G 3/8



**Web:** <http://cat.hansa-flex.com/en/KSTECKERVERSTAERKER>

**K-CHOPPERVERSTAERKER****Chopper amplifier (cabinet mounting)**

Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital. Proportional valves allow the medium to be varied as a function of an electronic input variable. By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually. Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

**Rated voltage:** 24 V DC  
**Temp. range:** -10 °C to +75 °C (plug amplifier), -10 °C to +60 °C (chopper amplifier)  
**Housing:** PA  
**for devices with connection:** -

**Note:** Further information on request

Identification
K- 07 25 18 03



**Web:** <http://cat.hansa-flex.com/en/KCHOPPERVERSTAERKER>

**K-LECKAGESUCHGERAET**

## Leakage finder



**Function:** The annual energy cost of leaks in pneumatic and gas systems are high and avoidable. When these gases flow unused out of leaks, they create noises inaudible to the human ear. With the LS 100, even the smallest leaks can be heard from several metres distance. It transforms inaudible signals to a frequency that can be detected visually on the display and acoustically with the supplied sound-proof headphones. Use: leakage inspections of pneumatic, gas, steam and vacuum systems.

The advantages of the LS 100: Simple and quick measurement, even from distances of several metres. Measurements can be taken on running systems, without affecting their operation. The device is quickly amortised by the high cost savings.

**Working frequency:** 40 kHz  $\pm$  2 kHz

**Connection:** 4-pin connection for headphones and charger, 3.5 mm stereo jack for connecting sensor and cable

**Laser as a visual tool:** Wave length: 655 to 660 nm, Output power: 0.4 to 0.5 mW

**Power supply:** Internal NiMH rechargeable battery

**Operating time:** Approx. 6 hours without laser / 4 hours with laser

**Charging time:** Approx. 1.5 hours

**Fit Temperature:** 0 °C to +40 °C

**Lagertemperatur:** -10 °C to +50 °C

**Note:** Further information on request

**Identification**

K- 07 25 19 53

**Description**

Leak detection device, including accessories in a practical carrying case



**Web:** <http://cat.hansa-flex.com/en/KLECKAGESUCHGERAET>

**Accessories:**

**K-ALU-TELESKOPSTANGE** - Aluminium-telescopic pole

**K-ALU-TELESKOPSTANGE**

## Aluminium-telescopic pole

**Identification**

K- 07 25 19 54







**Description**

aluminium telescopic rod, 3 x 120 cm

**Web:** <http://cat.hansa-flex.com/en/KALUTELESKOPSTANGE>

**K-FILTERELEMENT SPEZIAL VOR**





## Filter element f. Special filter prefilter

Identification	Circuit diagram	Description	Size
K-07 25 18 63		Filter element (paper-aluminium) for pre-filter	4
K-07 25 18 62		Filter element (paper-aluminium) for pre-filter	2
K-07 25 18 61		Filter element (paper-POM) for pre-filter – semi-automatic drain valve	1
K-07 25 18 60		Filter element (paper-POM) for pre-filter – automatic drain valve	1
K-07 25 01 88		Pre-filter element (paper-aluminium)	
K-07 25 01 87		Pre-filter element (paper-POM)	
K-07 25 01 86		Pre-filter element (paper-POM)	

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENTSPEZIALVOR>

**K-FILTERELEMENT SPEZIAL FEIN**

## Filter element f. Special filter fine filter

Identification	Circuit diagram	Description
K-07 25 18 46		Filter element for fine filter (borosilicate-aluminium)
K-07 25 18 45		Filter element for fine filter (borosilicate-aluminium)
K-07 25 18 44		Filter element (borosilicate-POM) for fine filter – automatic drain valve
K-07 25 01 68		Micro-filter element (borosilicate-aluminium)
K-07 25 01 67		Filter element (borosilicate-POM) for fine filter – semi-automatic drain valve
K-07 25 01 66		Micro-filter element (borosilicate-POM)
K-07 25 01 65		Micro-filter element (borosilicate-POM)

**Web:** <http://cat.hansa-flex.com/en/KFILTERELEMENTSPEZIALFEIN>

## K-DIFFERENZDRUCKANZEI MONO

### Differential pressure and differential pressure gauge

Differential pressure and differential pressure gauge



Identification	Description
K-07 25 18 35	Differential pressure indicator

**Web:** <http://cat.hansa-flex.com/en/KDIFFERENZDRUCKANZEIMONO>

## K-DIFFERENZDRUCKMANOMETER

### Differential pressure gauge

Differential pressure gauge



Identification	Description	Size
K-07 25 01 51	Differential pressure gauge (square)	1-4 (G 1/4 - G 1)
K-07 25 17 44	Differential pressure gauge (round)	



**Web:** <http://cat.hansa-flex.com/en/KDIFFERENZDRUCKMANOMETER>

### K-TROPFAUFSATZ POLYCARBO 1

#### Drip attachment polycarbonate

Sight dome



Identification	Description
K- 07 20 10 62	for Oil-mist lubricators and service units "multifix-mini" and "multifix" series

Web: <http://cat.hansa-flex.com/en/KTROPFAUFSATZPOLYCARBO1>

### K-TROPFAUFSATZ METALL

#### Drip attachment metal

Sight dome



Identification	Description
K- 07 25 05 48	for Oil-mist lubricators "Standard" series
K- 07 25 05 47	for Oil-mist lubricators and service units "Standard-mini" and "Standard" series
K- 07 25 05 44	Adapter plate for mounting Sight dome metal for Oil-mist lubricators and service units "Standard-mini" and "Standard" series
K- 07 20 10 63	for (Combi-) service-units and Oil-mist lubricators "variobloc" series, Version G 1/2", G 3/4"
K- 07 20 10 61	for Oil-mist lubricators and service units "multifix-mini" and "multifix" series



Web: <http://cat.hansa-flex.com/en/KTROPFAUFSATZMETALL>

## K-TROPFAUFSATZ POLYCARBO

### Drip attachment polycarbonate

Sight dome



Identification	Description
K- 07 20 10 64	for Oil-mist lubricators and service units "Standard-mini" and "Standard" series
K- 07 25 05 45	for Combi-service-units



**Web:** <http://cat.hansa-flex.com/en/KTROPFAUFSATZPOLYCARBO>

## K-VORHAENGESCHLOSS

### Padlock



Identification
K- 07 30 29 11

**Web:** <http://cat.hansa-flex.com/en/KVORHAENGESCHLOSS>



**K-STECKSCHLOSS**

Key lock

**Identification**

K- 07 25 18 59

**Web:** <http://cat.hansa-flex.com/en/KSTECKSCHLOSS>**K-GERAETESTECKER**

Coupling socket

Coupling socket

**Identification**

K- 07 25 01 44

K- 07 30 28 62

**Description**

Coupling socket form B, EN 175301-803

Coupling socket for pressure switches

**Web:** <http://cat.hansa-flex.com/en/KGERAETESTECKER>



## linear drive technology

**cylinders**

compact cylinders	1074
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**slide and swivelling tables**

compact slide table	1076
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**connecting elements**

flow control	1077
flow switch	1078
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Booster	1083
air tanks	1086
Accessories	1086

**K-KOMPAKTZYL M FUEHRU MGP**

## Compact guide cylinder, ball bushing bearing type MGP



<b>guide type:</b>	slide
<b>Max. working pressure:</b>	1 MPa
<b>min. working pressure:</b>	0.12 MPa
<b>Damping:</b>	elastic bumpers on both sides
<b>Operating principle:</b>	double working
<b>position sensing:</b>	prepared for sensors (with magnet)
<b>Test pressure:</b>	1,50 MPa
<b>Media temperature:</b>	-10 °C to +60 °C
<b>Ambient temperature:</b>	-10 °C to +60 °C
<b>piston rod speed:</b>	50 to 500 mm/s
<b>Media:</b>	Compressed air
<b>Seal:</b>	NBR
<b>Series:</b>	MGP
<b>More information:</b>	Weight reduced by up to 17% by a shorter shaft and thinner end plate

Identification	Ø piston mm	stroke	Pneumatic Port	twisting tolerance of the piston rod	Weight per m kg
K-07 55 00 23	12	10	M 5 x 0.8	±0,07°	0,220
K-07 55 00 27	12	20	M 5 x 0.8	±0,07°	0,250
K-07 55 00 28	12	30	M 5 x 0.8	±0,07°	0,290
K-07 55 00 29	12	40	M 5 x 0.8	±0,07°	0,330
K-07 55 00 30	12	50	M 5 x 0.8	±0,07°	0,360
K-07 55 00 31	12	75	M 5 x 0.8	±0,07°	0,460
K-07 55 00 22	12	100	M 5 x 0.8	±0,07°	0,550
K-07 55 00 24	12	125	M 5 x 0.8	±0,07°	0,660
K-07 55 00 25	12	150	M 5 x 0.8	±0,07°	0,750
K-07 55 00 26	12	200	M 5 x 0.8	±0,07°	0,930
K-07 55 00 33	16	10	M 5 x 0.8	±0,07°	0,320
K-07 55 00 36	16	15	M 5 x 0.8	±0,07°	0,350
K-07 55 00 39	16	20	M 5 x 0.8	±0,07°	0,370
K-07 55 00 41	16	25	M 5 x 0.8	±0,07°	0,400
K-07 55 00 42	16	30	M 5 x 0.8	±0,07°	0,420
K-07 55 00 43	16	40	M 5 x 0.8	±0,07°	0,460
K-07 55 00 44	16	50	M 5 x 0.8	±0,07°	0,510
K-07 55 00 45	16	75	M 5 x 0.8	±0,07°	0,660
K-07 55 00 46	16	80	M 5 x 0.8	±0,07°	0,690
K-07 55 00 32	16	100	M 5 x 0.8	±0,07°	0,780
K-07 55 00 34	16	125	M 5 x 0.8	±0,07°	0,940
K-07 55 00 35	16	150	M 5 x 0.8	±0,07°	1,060
K-07 55 00 37	16	175	M 5 x 0.8	±0,07°	1,180
K-07 55 00 38	16	200	M 5 x 0.8	±0,07°	1,310
K-07 55 00 40	16	250	M 5 x 0.8	±0,07°	1,550
K-07 55 00 52	20	20	G 1/8	±0,06°	0,590
K-07 55 00 54	20	25	G 1/8	±0,06°	0,630
K-07 55 00 55	20	30	G 1/8	±0,06°	0,670
K-07 55 00 57	20	40	G 1/8	±0,06°	0,740
K-07 55 00 58	20	50	G 1/8	±0,06°	0,820
K-07 55 00 59	20	75	G 1/8	±0,06°	1,060
K-07 55 00 47	20	100	G 1/8	±0,06°	1,240
K-07 55 00 48	20	125	G 1/8	±0,06°	1,430
K-07 55 00 49	20	150	G 1/8	±0,06°	1,610
K-07 55 00 50	20	175	G 1/8	±0,06°	1,800
K-07 55 00 51	20	200	G 1/8	±0,06°	1,990
K-07 55 00 53	20	250	G 1/8	±0,06°	2,420
K-07 55 00 56	20	400	G 1/8	±0,06°	3,530
K-07 55 00 61	25	10	G 1/8	±0,06°	0,740
K-07 55 00 64	25	15	G 1/8	±0,06°	0,790
K-07 55 00 66	25	20	G 1/8	±0,06°	0,840
K-07 55 00 68	25	25	G 1/8	±0,06°	0,880
K-07 55 00 70	25	30	G 1/8	±0,06°	0,940
K-07 55 00 71	25	40	G 1/8	±0,06°	1,040
K-07 55 00 72	25	50	G 1/8	±0,06°	1,140
K-07 55 00 73	25	60	G 1/8	±0,06°	1,500
K-07 55 00 74	25	75	G 1/8	±0,06°	1,750
K-07 55 00 60	25	100	G 1/8	±0,06°	2,000
K-07 55 00 62	25	125	G 1/8	±0,06°	2,250
K-07 55 00 63	25	150	G 1/8	±0,06°	2,500
K-07 55 00 65	25	200	G 1/8	±0,06°	2,750



(Continued)

K-KOMPAKTZYL M FUEHRU MGP

## Compact guide cylinder, ball bushing bearing type MGP

Identification	Ø piston mm	stroke	Pneumatic Port	twisting tolerance of the piston rod	Weight per m kg
K-07 55 00 67	25	250	G 1/8	±0,06°	3,350
K-07 55 00 69	25	300	G 1/8	±0,06°	3,850
K-07 55 00 79	32	20	G 1/8	±0,05°	1,240
K-07 55 00 81	32	25	G 1/8	±0,05°	1,410
K-07 55 00 84	32	50	G 1/8	±0,05°	1,770
K-07 55 00 85	32	75	G 1/8	±0,05°	2,220
K-07 55 00 75	32	100	G 1/8	±0,05°	2,570
K-07 55 00 76	32	125	G 1/8	±0,05°	2,930
K-07 55 00 77	32	150	G 1/8	±0,05°	3,290
K-07 55 00 78	32	200	G 1/8	±0,05°	4,000
K-07 55 00 80	32	250	G 1/8	±0,05°	4,900
K-07 55 00 82	32	300	G 1/8	±0,05°	5,610
K-07 55 00 83	32	400	G 1/8	±0,05°	7,040
K-07 55 00 91	40	25	G 1/8	±0,05°	1,640
K-07 55 00 92	40	50	G 1/8	±0,05°	2,040
K-07 55 00 93	40	75	G 1/8	±0,05°	2,520
K-07 55 00 86	40	100	G 1/8	±0,05°	2,920
K-07 55 00 87	40	125	G 1/8	±0,05°	3,320
K-07 55 00 88	40	150	G 1/8	±0,05°	3,710
K-07 55 00 89	40	175	G 1/8	±0,05°	4,110
K-07 55 00 90	40	200	G 1/8	±0,05°	4,500
K-07 55 00 98	50	25	G 1/4	±0,04°	2,790
K-07 55 01 00	50	50	G 1/4	±0,04°	3,380
K-07 55 01 01	50	75	G 1/4	±0,04°	4,130
K-07 55 00 94	50	100	G 1/4	±0,04°	4,710
K-07 55 00 95	50	125	G 1/4	±0,04°	5,300
K-07 55 00 96	50	150	G 1/4	±0,04°	5,890
K-07 55 00 97	50	200	G 1/4	±0,04°	7,060
K-07 55 00 99	50	300	G 1/4	±0,04°	9,730
K-07 55 01 06	63	25	G 1/4	±0,04°	3,480
K-07 55 01 07	63	50	G 1/4	±0,04°	4,150
K-07 55 01 08	63	75	G 1/4	±0,04°	4,990
K-07 55 01 02	63	100	G 1/4	±0,04°	5,670
K-07 55 01 03	63	125	G 1/4	±0,04°	6,340
K-07 55 01 04	63	150	G 1/4	±0,04°	7,020
K-07 55 01 05	63	200	G 1/4	±0,04°	8,370

Web: <http://cat.hansa-flex.com/en/KKOMPAKTZYLMFUEHRUMGP>

**K-PNEUMA KOMPAKTSCHLITTEN MXS****Air Slide Table MXS**

Compact air slide table, series MXS, slide table and air cylinder as complete unit, ideal for precise installation applications, high resistance capacity when building up loads, with stroke limiting unit or shock absorber, (order separately), no stroke adjustment, double action, piston diameter / stroke: 20/100 mm, connection size: G 1/8

**Max. working pressure:** 0,7 MPa

**min. working pressure:** 0.15 MPa

**Damping:** elastic stop

**Operating principle:** double working

**Test pressure:** 1,05 MPa

**Media temperature:** -10 °C to +60 °C

**Ambient temperature:** -10 °C to +60 °C

**piston rod speed:** 50 to 500 mm/s

**Media:** Compressed air

**Series:** MXS

**More information:** Carriage and air cylinder as a complete unit, Ideal for precision assembly applications, High resistance to the cultivation of loads

Identification	Ø piston mm	stroke	Pneumatic Port	Identification	Ø piston mm	stroke	Pneumatic Port
K-07 55 01 46	6	10	M 3	K-07 55 01 41	16	50	M 5
K-07 55 01 47	6	20	M 3	K-07 55 01 42	16	75	M 5
K-07 55 01 48	6	30	M 3	K-07 55 01 36	16	100	M 5
K-07 55 01 49	6	40	M 3	K-07 55 01 37	16	125	M 5
K-07 55 01 50	6	50	M 3	K-07 55 00 01	20	10	G 1/8
K-07 55 01 52	8	10	M 5	K-07 55 00 05	20	20	G 1/8
K-07 55 01 53	8	20	M 5	K-07 55 00 06	20	30	G 1/8
K-07 55 01 54	8	30	M 5	K-07 55 00 07	20	40	G 1/8
K-07 55 01 55	8	40	M 5	K-07 55 00 08	20	50	G 1/8
K-07 55 01 56	8	50	M 5	K-07 55 00 09	20	75	G 1/8
K-07 55 01 57	8	75	M 5	K-07 55 00 02	20	100	G 1/8
K-07 55 01 27	12	10	M 5	K-07 55 00 03	20	125	G 1/8
K-07 55 01 29	12	20	M 5	K-07 55 00 04	20	150	G 1/8
K-07 55 01 30	12	30	M 5	K-07 55 00 10	25	10	G 1/8
K-07 55 01 31	12	40	M 5	K-07 55 00 14	25	20	G 1/8
K-07 55 01 32	12	50	M 5	K-07 55 00 15	25	30	G 1/8
K-07 55 01 33	12	75	M 5	K-07 55 00 16	25	40	G 1/8
K-07 55 01 28	12	100	M 5	K-07 55 00 17	25	50	G 1/8
K-07 55 01 35	16	10	M 5	K-07 55 00 18	25	75	G 1/8
K-07 55 01 38	16	20	M 5	K-07 55 00 11	25	100	G 1/8
K-07 55 01 39	16	30	M 5	K-07 55 00 12	25	125	G 1/8
K-07 55 01 40	16	40	M 5	K-07 55 00 13	25	150	G 1/8

**Web:** <http://cat.hansa-flex.com/en/KPNEUMAKOMPAKTSCHLITTENMXS>

**K-KOMPACTZYL SCHWENKTISCH MSQ****Rotary actuator for compact cylinder MSQ**

**Max. working pressure:** 0,7 MPa

**min. working pressure:** 0.10 MPa

**Design:** rack and pinion

**Media temperature:** 0 °C to +60 °C

**Ambient temperature:** 0 °C to +60 °C

**Swivel angle:** 0 to 190°

**Media:** Compressed air

**Series:** MSQ

**More information:** narrow pivot table unit with low overall height, the rotation angle can be adjusted continuously, Positioning the housing allow for quick installation, the load can be mounted directly on the pivot table, Air connections of 2 pages possible

Identification	Ø piston mm	Pneumatic Port	Size	Damping	Weight per m kg
K-07 55 01 13	6	M 3	1	without, with adjustment bolt	0,075
K-07 55 01 18	8	M 5	2	without, with adjustment bolt	0,105
K-07 55 01 21	10	M 5	3	elastic, with adjustment bolt	0,150



(Continued)

**K-KOMPAKTZYL SCHWENKTISCH MSQ**

## Rotary actuator for compact cylinder MSQ

Identification	Ø piston mm	Pneumatic Port	Size	Damping	Weight per m kg
K-07 55 01 26	12	M 5	7	elastic, with adjustment bolt	0,250
K-07 55 01 11	15	M 5	10	elastic, with adjustment bolt	0,530
K-07 55 01 16	18	M 5	20	elastic, with adjustment bolt	0,990
K-07 55 01 19	21	G 1/8	30	elastic, with adjustment bolt	1,290
K-07 55 01 22	25	G 1/8	50	elastic, with adjustment bolt	2,080
K-07 55 01 24	28	G 1/8	70	elastic, with adjustment bolt	2,880
K-07 55 01 09	32	G 1/8	100	elastic, with adjustment bolt	4,090
K-07 55 01 14	40	G 1/8	200	elastic, with adjustment bolt	7,580
K-07 55 01 12	15	M 5	10	elastic, with integrated shock absorber	0,540
K-07 55 01 17	18	M 5	20	elastic, with integrated shock absorber	0,990
K-07 55 01 20	21	G 1/8	30	elastic, with integrated shock absorber	1,290
K-07 55 01 23	25	G 1/8	50	elastic, with integrated shock absorber	2,100
K-07 55 01 25	28	G 1/8	70	elastic, with integrated shock absorber	2,880
K-07 55 01 10	32	G 1/8	100	elastic, with integrated shock absorber	4,100
K-07 55 01 15	40	G 1/8	200	elastic, with integrated shock absorber	7,650

Web: <http://cat.hansa-flex.com/en/KKOMPACTZYLSCWENKTISCHMSQ>**K-W90 DRV AS-FS**

## Speed controllers, 90°, connection plug, with built-in indicator

**Max. working pressure:** 1 MPa  
**min. working pressure:** 0.10 MPa  
**Outlets:** 1  
**amount of connections:** 1  
**alignment display window:** 0°  
**colour rotary knob:** Blue  
**Test pressure:** 1,50 MPa  
**Control:** Flow governing  
**Media temperature:** -5 °C to +60 °C (ohne Gefrieren)  
**Ambient temperature:** -5 °C bis +60 °C (no freezing)  
**Media:** Compressed air  
**Hose material:** polyamid, soft polyamid, polyurethane, FEP, PFA  
**Series:** AS-FS  
**More information:** large rotary knob with push-lock latch, larger free space under the hose, Lockable rotary knob, numeric display



Identification	Size	Port Outlet	connection supply line pneumatic	Design	needle rotations	Weight per m kg
K-07 30 30 54	1	for hose outer-Ø2 mm	outer thread M 5	with sealing ring	8	0,007
K-07 30 30 57	1	for hose outer-Ø3.2 mm	outer thread M 5	with sealing ring	8	0,007
K-07 30 30 55	1	for hose outer-Ø4 mm	outer thread M 5	with sealing ring	8	0,007
K-07 30 30 56	1	for hose outer-Ø6 mm	outer thread M 5	with sealing ring	8	0,008
K-07 30 30 62	2	for hose outer-Ø3.2 mm	outer thread R 1/8	Teflon coated	10	0,007
K-07 30 30 67	2	for hose outer-Ø3.2 mm	outer thread R 1/4	Teflon coated	10	0,023
K-07 30 30 58	2	for hose outer-Ø4 mm	outer thread R 1/8	Teflon coated	10	0,013
K-07 30 30 63	2	for hose outer-Ø4 mm	outer thread R 1/4	Teflon coated	10	0,023
K-07 30 30 59	2	for hose outer-Ø6 mm	outer thread R 1/8	Teflon coated	10	0,014
K-07 30 30 68	2	for hose outer-Ø6 mm	outer thread G 1/8	surface with sealing ring	10	0,014
K-07 30 30 64	2	for hose outer-Ø6 mm	outer thread R 1/4	Teflon coated	10	0,023
K-07 30 30 69	2	for hose outer-Ø6 mm	outer thread G 1/4	surface with sealing ring	10	0,023
K-07 30 30 60	2	for hose outer-Ø8 mm	outer thread R 1/8	Teflon coated	10	0,015
K-07 30 30 65	2	for hose outer-Ø8 mm	outer thread R 1/4	Teflon coated	10	0,024
K-07 30 30 70	2	for hose outer-Ø8 mm	outer thread G 1/4	surface with sealing ring	10	0,024
K-07 30 30 61	2	for hose outer-Ø10 mm	outer thread R 1/8	Teflon coated	10	0,016
K-07 30 30 66	2	for hose outer-Ø10 mm	outer thread R 1/4	Teflon coated	10	0,025
K-07 30 30 71	2	for hose outer-Ø10 mm	outer thread G 1/4	surface with sealing ring	10	0,025
K-07 30 30 72	3	for hose outer-Ø6 mm	outer thread R 3/8	Teflon coated	10	0,038
K-07 30 30 76	3	for hose outer-Ø6 mm	outer thread G 3/8	surface with sealing ring	10	0,038
K-07 30 30 73	3	for hose outer-Ø8 mm	outer thread R 3/8	Teflon coated	10	0,038
K-07 30 30 77	3	for hose outer-Ø8 mm	outer thread G 3/8	surface with sealing ring	10	0,038
K-07 30 30 74	3	for hose outer-Ø10 mm	outer thread R 3/8	Teflon coated	10	0,029
K-07 30 30 78	3	for hose outer-Ø10 mm	outer thread G 3/8	surface with sealing ring	10	0,029
K-07 30 30 75	3	for hose outer-Ø12 mm	outer thread R 3/8	Teflon coated	10	0,041



**K-W90 DRV AS-FS**

(Continued)

Speed controllers, 90°, connection plug, with built-in indicator

Identification	Size	Port Outlet	connection supply line pneumatic	Design	needle rotations	Weight per m kg
K-07 30 30 79	4	for hose outer-Ø10 mm	outer thread R 1/2	Teflon coated	10	0,062
K-07 30 30 82	4	for hose outer-Ø10 mm	outer thread G 1/2	surface with sealing ring	10	0,062
K-07 30 30 80	4	for hose outer-Ø12 mm	outer thread R 1/2	Teflon coated	10	0,064
K-07 30 30 83	4	for hose outer-Ø12 mm	outer thread G 1/2	surface with sealing ring	10	0,064
K-07 30 30 81	4	for hose outer-Ø16 mm	outer thread R 1/2	Teflon coated	10	0,068
K-07 30 30 84	4	for hose outer-Ø16 mm	outer thread G 1/2	surface with sealing ring	10	0,068

Web: <http://cat.hansa-flex.com/en/KW90DRVASFS>

**K-DIGIT DRUCKSCHA BN A WASSER PF3W**

Digital flow switch for water PF3W



Digital flow switch, series PF3W7, for water, compact design, 45° step rotatable display for flexible installation position, no calibration necessary, measuring principle: Karman vortex, measuring range: 0.5 to 4.0 l/min, smallest adjustment unit: 0.01 l/min, media temperature: 0 to 90 °C (no condensation and no freezing), repetition accuracy max. ±2% of the measuring range, operating temperature range 0 to 50 °C, temperature characteristic max. 5% of the measuring range (based on 25 °C), switch output PNP open collector. Display method: Display with 2 lines (1st line: 4 digits, 7 segments, 2-colour red/green 2nd line: 6 digits, 11 segments, white), operating display output 1.2: orange, with function to switch over the display unit, approvals: CE marking, UL (CSA), RoHS, connection size G 1, weight: 860 g / 945 g (no cable / with cable), with temperature sensor

- Design:** Digital Flow Switch
- guide type:** integrated display
- Max. working pressure:** 0,0 MPa
- min. working pressure:** 1 bar
- Rated voltage:** 24 V DC
- Current consumption:** 50 mA
- operating display:** 2-line display, (1st line: 4 digits, 7 segments, 2-color red / green, 2 lines: 6 digits, 11 Segmente, white), Indicator light output 1.2: orange, with switching function display An awareness with connection cable with M8-plug
- I/O cable:** with connection cable with M8-plug
- Cable lenght:** 3 m
- Measuring type:** Karman vortex
- Test pressure:** 1,50 MPa
- Protection IP:** IP 65
- Media temperature:** 0 °C to +90 °C (without condensate or freezing)
- Media:** Water and ethylene glycol aqueous solution (having viscosity max. 3 mPa · s [3 cP])
- Series:** PF3W
- More information:** Compact design, in steps of 45 ° rotatable display for flexible installation location, Measuring principle: Karman vortex

Identification	Connecting thread	Design	Adjustment range	adjustment unit [min] L/min	Measuring range	Repeatability	Weight per m kg
K-07 50 00 43	G 3/8	-	0,01 L/min	0,01	0.5 to 4.0 l/min	±5 % from scale (benchmark 25 °C)	0,370
K-07 50 00 47	G 1/2	-	0,1 L/min	0,10	2 to 16 l/min	±2 % from scale (benchmark 25 °C)	0,335
K-07 50 00 49	G 3/4	Separate sensor unit	0,1 L/min	0,10	5 to 40 l/min	±2 % from scale (benchmark 25 °C)	0,615
K-07 50 00 45	G 1	-	1 L/min	1,00	10 to 100 l/min	±5 % from scale (benchmark 25 °C)	0,945

Web: <http://cat.hansa-flex.com/en/KDIGITDRUCKSCHABNAWASSERPF3W>



## K-DIGI DRUCKSCHA H 3 DURCHF PF2A

## Digital Flow Switch high flow version PF2A

Digital flow switch, series PF2A, for air and nitrogen, three output types: Switch, accumulated pulse and analogue outputs, switching from real-time flow rate to accumulated flow is possible, measuring range 1 to 10 l/min, media temperature 0 to 50 °C, operating temperature range 0 to 50 °C, repetition accuracy max.  $\pm 3\%$  of the measuring range, temperature characteristic max. 5% of the measuring range. (0 to 50 °C, based on 25 °C), current consumption (no load) max. 170 mA, measuring principle thermistor (heating element), operating display 3-digit, 7-segment LED (illuminates at output signal ON OUT1: Green OUT2: Red), operating pressure range -50 kPa... 0.5 MPa, switch output PNP open collector internal voltage drop max. 1.5 V (at 80 mA working current) 2 outputs, supply voltage 12 to 24 VDC, protection class IP 65, connection size G 1/4



**Design:** Digital Flow Switch  
**Max. working pressure:** -50 kPa  
**Rated voltage:** 24 V DC  
**operating display:** 3 digits, 7-Segment-LED, lights at output signal = ON: OUT1: green, OUT2: red)  
**I/O cable:** without connection cable  
**Protection IP:** IP 65  
**Media temperature:** 0 °C to +50 °C  
**Ambient temperature:** 0 °C to +50 °C  
**Media:** Air and nitrogen  
**Series:** PF2A  
**More information:** for air and nitrogen, Three types of output: Switch, accumulated pulse and analog outputs, Switching of current flow to accumulated flow is possible

Identification	Connecting thread	Measuring range	min. working pressure MPa	Current consumption (maximum) mA	Repeatability
K-07 50 00 34	G 1/4	1 to 10 l/min	0,50	170	max. $\pm 3\%$ from scale
K-07 50 00 35	G 3/8	10 to 100 l/min	0,50	170	max. $\pm 3\%$ from scale
K-07 50 00 39	G 3/8	20 to 200 l/min	0,50	170	max. $\pm 3\%$ from scale
K-07 50 00 40	G 1/4	5 to 50 l/min	0,50	170	max. $\pm 1\%$ from scale
K-07 50 00 41	G 1/2	50 to 500 l/min	0,50	170	max. $\pm 3\%$ from scale

**Web:** <http://cat.hansa-flex.com/en/KDIGIDRUCKSCHAH3DURCHF2A>

## K-DIGIT DRUCKSCHA H 3DURCHF IA PF2A

## Digital Flow Switch PF2A

Digital flow switch for high flow, series PF2A, for air and nitrogen, with integrated display unit, measuring range 150 to 3000 l/min, smallest adjustment unit 5 l/min, media temperature 0 to 50 °C, operating temperature range 0 to 50 °C, repetition accuracy max.  $\pm 3\%$  of the measuring range, temperature characteristic max.  $\pm 2\%$  of the measuring range. (0 to 50 °C, based on 25 °C), current consumption max. 150 mA, measuring principle thermistor (heating element), operating display 3-digit, 7-segment LED (illuminates at output signal ON OUT1: Green OUT2: Red), operating pressure range 0.1 to 1.5 MPa, switch output PNP open collector 1 output and 1 analogue output (1 to 5 V), with function to switch over the display unit, supply voltage 24 V DC, protection class IP 65, connection cable not included, connection size G 1 1/2



**Design:** Digital Flow Switch  
**Max. working pressure:** 0,1 MPa  
**Rated voltage:** 24 V DC  
**operating display:** 3 digits, 7-Segment-LED, lights at output signal = ON: OUT1: green, OUT2: red)  
**I/O cable:** without connection cable  
**Protection IP:** IP 65  
**Media temperature:** 0 °C to +50 °C  
**Ambient temperature:** 0 °C to +50 °C  
**Media:** Air and nitrogen  
**Series:** PF2A  
**More information:** for High flow, Integrated Display Type

Identification	Connecting thread	Output signal	adjustment unit [min] L/min	Measuring range	min. working pressure MPa	Rated voltage/ current type	Current consumption (maximum) mA	Repeatability
K-07 50 00 28	G 1	PNP + Analog output (1-5V)	5,00	150 to 3000 l/min	1,50	24 VDC	150	max. $\pm 3\%$ from scale
K-07 50 00 29	G 1	PNP + Analog output (4-20mA)	5,00	150 to 3000 l/min	1,50	-	150	max. $\pm 3\%$ from scale
K-07 50 00 31	G 1 1/2	PNP + Analog output (1-5V)	10,00	300 to 6000 l/min	1,50	24 VDC	150	max. $\pm 3\%$ from scale
K-07 50 00 32	G 1 1/2	PNP + Analog output (4-20mA)	10,00	300 to 6000 l/min	1,50	-	150	max. $\pm 3\%$ from scale
K-07 50 00 36	G 2	PNP + Analog output (1-5V)	10,00	600 to 12000 l/min	1,50	24 VDC	150	max. $\pm 3\%$ from scale

**K-DIGIT DRUCKSCHA H 3DURCHF IA PF2A**

(Continued)

**Digital Flow Switch PF2A**

Identification	Connecting thread	Output signal	adjustment unit [min]	Measuring range	min. working pressure	Rated voltage/ current type	Current consumption (maximum)	Repeatability
K- 07 50 00 37	G 2	PNP + Analog output (4-20mA)	L/min 10,00	600 to 12000 l/min	MPa 1,50	-	mA 150	max. ±3 % from scale

**Web:** <http://cat.hansa-flex.com/en/KDIGITDRUCKSCHAH3DURCHFIAPF2A>

**K-DIGI DRUCKSCHA H DURCHF IA PF2A**

**Digital Flow Switch PF2Ax795**



Digital flow switch for high flow, series PF2A, for dry air, with integrated display unit, measuring range 30 to 3000 l/min, smallest adjustment unit 5 l/min, media temperature 0 to 50 °C, operating temperature range 0 to 50 °C, repetition accuracy max. ±3% of the measuring range, temperature characteristic max. ±2% of the measuring range. (0 to 50 °C, based on 25 °C), current consumption max. 150 mA, measuring principle thermistor (heating element), operating display 3-digit, 7-segment LED (illuminates at output signal ON OUT1: Green OUT2: Red), operating pressure range 0.1 to 1.5 MPa, switch output PNP open collector 1 output and 1 analogue output (4 to 20 mA), with function to switch over the display unit, supply voltage 24 VDC, protection class IP 65, connection cable not included, connection size G 1 1/2

- Design:** Digital Flow Switch
- Max. working pressure:** 0,1 MPa
- min. working pressure:** 1.50 MPa
- Rated voltage:** 24 V DC
- Current consumption:** 150 mA
- operating display:** 3 digits, 7-Segment-LED, lights at output signal = ON: OUT1: green, OUT2: red)
- I/O cable:** without connection cable
- Protection IP:** IP 65
- Media temperature:** 0 °C to +50 °C
- Ambient temperature:** 0 °C to +50 °C
- Media:** Air and nitrogen
- Series:** PF2A
- More information:** for High flow, Integrated Display Type

Identification	Connecting thread	adjustment unit [min]	Measuring range	Repeatability
K- 07 50 00 30	G 1	L/min 5,00	30 to 3000 l/min	max. ±3 % from scale
K- 07 50 00 33	G 1 1/2	10,00	60 to 6000 l/min	max. ±3 % from scale
K- 07 50 00 38	G 2	10,00	120 to 12000 l/min	max. ±3 % from scale

**Web:** <http://cat.hansa-flex.com/en/KDIGIDRUCKSCHAHDURCHFIAPF2A>

**K-DIGIT DRUCKSCHA BN WASSER PF3W****Digital flow switch for water PF3W**

Digital flow switch, series PF3W7, for water, compact design, 45° step rotatable display for flexible installation position, no calibration necessary, measuring principle: Karman vortex, measuring range: 0.5 to 4.0 l/min, smallest adjustment unit: 0.01 l/min, media temperature: 0 to 90 °C (no condensation and no freezing), repetition accuracy max. ±2% of the measuring range, operating temperature range 0 to 50 °C, temperature characteristic max. 5% of the measuring range (based on 25 °C), switch output PNP open collector. Display method: Display with 2 lines (1st line: 4 digits, 7 segments, 2-colour red/green 2nd line: 6 digits, 11 segments, white), operating display output 1.2: orange, with function to switch over the display unit, approvals: CE marking, UL (CSA), RoHS, connection size G 1, weight: 860 g / 945 g (no cable / with cable), with temperature sensor



**Design:** Digital Flow Switch  
**guide type:** integrated display  
**Max. working pressure:** 0,0 MPa  
**min. working pressure:** 1 bar  
**Rated voltage:** 24 V DC  
**Current consumption:** 50 mA  
**operating display:** 2-line display, (1st line: 4 digits, 7 segments, 2-color red / green, 2 lines: 6 digits, 11 Segmente, white), Indicator light output 1.2: orange, with switching function display  
 An awareness  
**I/O cable:** without connection cable  
**Measuring type:** Karman vortex  
**Test pressure:** 1,50 MPa  
**Protection IP:** IP 65  
**Media temperature:** 0 °C to +90 °C (without condensate or freezing)  
**Media:** Water and ethylene glycol aqueous solution (having viscosity max. 3 mPa · s [3 cP])  
**Series:** PF3W  
**More information:** Compact design, in steps of 45 ° rotatable display for flexible installation location, Measuring principle: Karman vortex

Identification	Connecting thread	Design	Adjustment range	adjustment unit [min] L/min	Measuring range	Repeatability	Weight per m kg
K-07 50 00 42	G 3/8	-	0,01 L/min	0,01	0.5 to 4.0 l/min	±5 % from scale (benchmark 25 °C)	0,295
K-07 50 00 46	G 1/2	-	0,1 L/min	0,10	2 to 16 l/min	±2 % from scale (benchmark 25 °C)	0,345
K-07 50 00 48	G 3/4	Separate sensor unit	0,1 L/min	0,10	5 to 40 l/min	±2 % from scale (benchmark 25 °C)	0,410
K-07 50 00 44	G 1	-	1 L/min	1,00	10 to 100 l/min	±5 % from scale (benchmark 25 °C)	0,805

**Web:** <http://cat.hansa-flex.com/en/KDIGITDRUCKSCHABNWASSERPF3W>

**K-DIGIT PRAEZ DRUCKSCHAISE****Digital pressure switch ISE**

Digital precision pressure switch for overpressure, series ISE40A, 3 1/2-digit, 7-segment display, 2-colour (red/green), compact design, user-friendly operation, copy function, settings can be copied to up to 10 subordinate sensors, energy saving function, the display switches off automatically after 30 seconds, anti-chattering function, free choice of units, adjustable hysteresis, 2 m connection cable with plug included

**Design:** Precision Digital Pressure Switch for excess pressure with switching function display unit

**max. output pressure:** 1,05 MPa

**min. output pressure:** -105,00 kPa

**max. nominal pressure:** 1,0 MPa

**min. nominal pressure:** -100,0 kPa

**Reacting time:** max. 2,5 ms

**Rated voltage:** 12 to 24 VDC

**Test pressure:** 1,50 MPa

**Protection IP:** IP 65

**Current consumption:** 80 mA

**Approval:** CE, UL/CSA, RoHS

**Media temperature:** -5 °C to +50 °C

**Ambient temperature:** -5 °C bis +50 °C

**Media:** Compressed air, non-corrosive gases, non-flammable gases

**Series:** ISE40A

**More information:** Compact, design, user-friendly operation, Copy function to copy settings on up to 10 sub-sensors, Energy saving function automatically switches off the display after 30 seconds, Anti-chattering function, selectable units, Adjustable hysteresis, Extended connection cable to 3.00 m, Pre-wired M12 connector with 4 pins (Lead wire length 100 mm)

Identification	Repeatability	Pneumatic Port	Electrical outlet
K-07 50 00 06	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 07	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 08	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input
K-07 50 00 09	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input
K-07 50 00 10	±2 %	R 1/8 (M 5-internal thread)	NPN open collector, 2 Outputs + Copyfunction
K-07 50 00 11	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + Copyfunction
K-07 50 00 12	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + Copyfunction
K-07 50 00 13	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + Copyfunction
K-07 50 00 14	±2 %	R 1/8 (M 5-internal thread)	PNP open collector, 2 Outputs + Copyfunction
K-07 50 00 15	±2 %	for hose outer-Ø 4 mm	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 16	±2 %	for hose outer-Ø 4 mm	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input
K-07 50 00 17	±2 %	for hose outer-Ø 4 mm	PNP open collector, 2 Outputs + Copyfunction
K-07 50 00 18	±2 %	for hose outer-Ø 6 mm	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 19	±2 %	for hose outer-Ø 6 mm	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input
K-07 50 00 20	±2 %	for hose outer-Ø 6 mm	PNP open collector, 2 Outputs + Copyfunction
K-07 50 00 21	±2 %	M 5 x 0,8 (internal thread)	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 22	±2 %	Rc 1/8	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 23	±2 %	Rc 1/8	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 24	±2 %	Rc 1/8	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input
K-07 50 00 25	±2 %	Rc 1/8	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input
K-07 50 00 26	±2 %	G 1/8	PNP open collector, 2 Outputs + analog Voltage/Auto-Reference Input
K-07 50 00 27	±2 %	G 1/8	PNP open collector, 2 Outputs + analog Ampere/Auto-Reference Input

**Web:** <http://cat.hansa-flex.com/en/KDIGITPRAEZDRUCKSCHAISE>

**K-DRUCKVERST VBA****Booster Regulator, VBA**

Booster regulator, series VBA, increases pressure only where the force is inadequate because of a low network pressure (energy saving measure), no electricity supply necessary, longer service life: doubled compared to conventional model, lower operating noise level: 13 dB (A), improved operational reliability from inbuilt mesh filter on (IN connection) compressed air inlet, reduced condensation levels: air exhaust channels integrated directly into the cylinder tube, suitable for: compressed air, size 1/4, with pressure gauge and silencer, elbow, pneumatic connection: G 1/4, pneumatic connection pressure gauge: G 1/8, pneumatic connections pressure gauge: 2, flow rate 230 l/min, pressure boost 1:2, manually actuated pressure adjustment mechanism, test pressure: 3 MPa, max. operating pressure: 2 MPa, min. operating pressure: 0.2 MPa, media temperature: +2 to +50 °C, ambient temperature: +2 to +50 °C



**min. working pressure:** 0.20 MPa

**Port for pneumatic pressure**

**gauge:** Rc 1/8

**number connection pneu-**

**matic pressure gauge:** 2

**max. inlet pressure:** 0,1 to 1,0

**Media temperature:** +2 °C to +50 °C

**Ambient temperature:** +2 °C bis +50 °C

**Media:** Compressed air

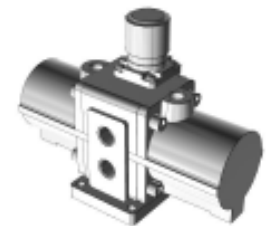
**More information:** increases the pressure only where the force is insufficient due to low factory pressure (measure to save energy), no power supply required, extended life: doubled compared to the conventional model, improved reliability through built-in strainer on (IN terminal) Compressed air inlet, reduced condensation: Venting channels directly integrated in the cylinder tube, Reduced noise: 13 dB (A)

Identification	Pneumatic Port	Size	pressure adjustment mechanism	pressure booster ratio	Flow rate	Max. working pressure	Test pressure
					L/min	MPa	MPa
K- 07 60 00 06	G 1/4	1/4	manually operated	1:2 to 1:4	70	2,00	3,00
K- 07 60 00 01	G 1/4	1/4	manually operated	1:2	230	2,00	3,00
K- 07 60 00 08	G 3/8	3/8	manually operated	1:2	1000	1,00	1,50
K- 07 60 00 12	G 3/8	3/8	pneumatically actuated	1:2	1000	1,00	1,50
K- 07 60 00 13	G 1/2	1/2	manually operated	1:2	1900	1,00	1,50
K- 07 60 00 14	G 1/2	1/2	pneumatically actuated	1:2	1900	1,00	1,50
K- 07 60 00 15	G 1/2	1/2	manually operated	1:2	1600	1,60	2,40

**Web:** <http://cat.hansa-flex.com/en/KDRUCKVERSTVBA>

**K-DRUCKVERST MANO VBA****Booster Regulator, pressure gauge, VBA**

Booster regulator, series VBA, increases pressure only where the force is inadequate because of a low network pressure (energy saving measure), no electricity supply necessary, longer service life: doubled compared to conventional model, lower operating noise level: 13 dB (A), improved operational reliability from inbuilt mesh filter on (IN connection) compressed air inlet, reduced condensation levels: air exhaust channels integrated directly into the cylinder tube, suitable for: compressed air, size 1/4, with pressure gauge and silencer, elbow, pneumatic connection: G 1/4, pneumatic connection pressure gauge: G 1/8, pneumatic connections pressure gauge: 2, flow rate 230 l/min, pressure boost 1:2, manually actuated pressure adjustment mechanism, test pressure: 3 MPa, max. operating pressure: 2 MPa, min. operating pressure: 0.2 MPa, media temperature: +2 to +50 °C, ambient temperature: +2 to +50 °C



**Design:** with pressure gauge

**min. working pressure:** 0.20 MPa

**Port for pneumatic pressure**

**gauge:** Rc 1/8

**number connection pneu-**

**matic pressure gauge:** 2

**max. inlet pressure:** 0,1 to 1,0

**Media temperature:** +2 °C to +50 °C

**Ambient temperature:** +2 °C bis +50 °C

**Media:** Compressed air

Identification	Pneumatic Port	Size	pressure adjustment mechanism	pressure booster ratio	Flow rate	Max. working pressure	Test pressure
					L/min	MPa	MPa
K- 07 60 00 02	G 1/4	1/4	manually operated	1:2	230	2,00	3,00
K- 07 60 00 09	G 3/8	3/8	manually operated	1:2	1000	1,50	1,50

**Web:** <http://cat.hansa-flex.com/en/KDRUCKVERSTMANOVBA>

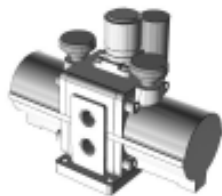
**K-DRUCKVERST MANO SCHALLD VBA****Booster Regulator, pressure gauge, silencer, VBA**

Booster regulator, series VBA, increases pressure only where the force is inadequate because of a low network pressure (energy saving measure), no electricity supply necessary, longer service life: doubled compared to conventional model, lower operating noise level: 13 dB (A), improved operational reliability from inbuilt mesh filter on (IN connection) compressed air inlet, reduced condensation levels: air exhaust channels integrated directly into the cylinder tube, suitable for: compressed air, size 1/4, with pressure gauge and silencer, elbow, pneumatic connection: G 1/4, pneumatic connection pressure gauge: G 1/8, pneumatic connections pressure gauge: 2, flow rate 230 l/min, pressure boost 1:2, manually actuated pressure adjustment mechanism, test pressure: 3 MPa, max. operating pressure: 2 MPa, min. operating pressure: 0.2 MPa, media temperature: +2 to +50 °C, ambient temperature: +2 to +50 °C

**Design:** with pressure gauge and silencer  
**min. working pressure:** 0.20 MPa  
**Port for pneumatic pressure gauge:** Rc 1/8  
**number connection pneumatic pressure gauge:** 2  
**max. inlet pressure:** 0,1 to 1,0  
**Media temperature:** +2 °C to +50 °C  
**Ambient temperature:** +2 °C bis +50 °C  
**Media:** Compressed air

Identification	Pneumatic Port	Size	pressure adjustment mechanism	pressure booster ratio	Flow rate L/min	Max. working pressure MPa	Test pressure MPa
K-07 60 00 07	G 1/4	1/4	manually operated	1:2 to 1:4	70	2,00	3,00
K-07 60 00 05	G 1/4	1/4	manually operated	1:2	230	2,00	3,00
K-07 60 00 10	G 3/8	3/8	manually operated	1:2	1000	1,00	1,50

**Web:** <http://cat.hansa-flex.com/en/KDRUCKVERSTMANOSCHALLDVBA>

**K-DRUCKVERST MANO SCHALLD W VBA****Booster Regulator, pressure gauge, elbow silencer, VBA**

Booster regulator, series VBA, increases pressure only where the force is inadequate because of a low network pressure (energy saving measure), no electricity supply necessary, longer service life: doubled compared to conventional model, lower operating noise level: 13 dB (A), improved operational reliability from inbuilt mesh filter on (IN connection) compressed air inlet, reduced condensation levels: air exhaust channels integrated directly into the cylinder tube, suitable for: compressed air, size 1/4, with pressure gauge and silencer, elbow, pneumatic connection: G 1/4, pneumatic connection pressure gauge: G 1/8, pneumatic connections pressure gauge: 2, flow rate 230 l/min, pressure boost 1:2, manually actuated pressure adjustment mechanism, test pressure: 3 MPa, max. operating pressure: 2 MPa, min. operating pressure: 0.2 MPa, media temperature: +2 to +50 °C, ambient temperature: +2 to +50 °C

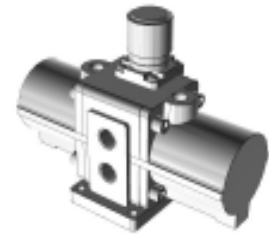
**Design:** with pressure gauge and silencer, angled  
**min. working pressure:** 0.20 MPa  
**Port for pneumatic pressure gauge:** Rc 1/8  
**number connection pneumatic pressure gauge:** 2  
**max. inlet pressure:** 0,1 to 1,0  
**Media temperature:** +2 °C to +50 °C  
**Ambient temperature:** +2 °C bis +50 °C  
**Media:** Compressed air

Identification	Pneumatic Port	Size	pressure adjustment mechanism	pressure booster ratio	Flow rate L/min	Max. working pressure MPa	Test pressure MPa
K-07 60 00 03	G 1/4	1/4	manually operated	1:2	230	2,00	3,00

**Web:** <http://cat.hansa-flex.com/en/KDRUCKVERSTMANOSCHALLDWVBA>

**K-DRUCKVERST MANO H SCHALLD VBA****Booster Regulator, pressure gauge, high-noise reduction silencer, VBA**

Booster regulator, series VBA, increases pressure only where the force is inadequate because of a low network pressure (energy saving measure), no electricity supply necessary, longer service life: doubled compared to conventional model, lower operating noise level: 13 dB (A), improved operational reliability from inbuilt mesh filter on (IN connection) compressed air inlet, reduced condensation levels: air exhaust channels integrated directly into the cylinder tube, suitable for: compressed air, size 1/4, with pressure gauge and silencer, elbow, pneumatic connection: G 1/4, pneumatic connection pressure gauge: G 1/8, pneumatic connections pressure gauge: 2, flow rate 230 l/min, pressure boost 1:2, manually actuated pressure adjustment mechanism, test pressure: 3 MPa, max. operating pressure: 2 MPa, min. operating pressure: 0.2 MPa, media temperature: +2 to +50 °C, ambient temperature: +2 to +50 °C



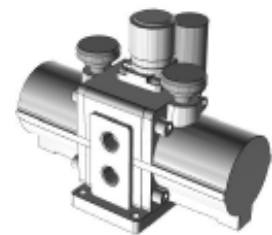
**Design:** with pressure gauge and with high performance muffler  
**min. working pressure:** 0.20 MPa  
**Port for pneumatic pressure gauge:** Rc 1/8  
**number connection pneumatic pressure gauge:** 2  
**max. inlet pressure:** 0,1 to 1,0  
**Media temperature:** +2 °C to +50 °C  
**Ambient temperature:** +2 °C bis +50 °C  
**Media:** Compressed air

Identification	Pneumatic Port	Size	pressure adjustment mechanism	pressure booster ratio	Flow rate L/min	Max. working pressure MPa
K- 07 60 00 11	G 3/8	3/8	manually operated	1:2	1000	1,50

**Web:** <http://cat.hansa-flex.com/en/KDRUCKVERSTMANOHSCHALLDVBA>

**K-DRUCKVERST MANO H SCHALLD W VBA****Booster Regulator, pressure gauge, elbow high-noise reduction silencer, VBA**

Booster regulator, series VBA, increases pressure only where the force is inadequate because of a low network pressure (energy saving measure), no electricity supply necessary, longer service life: doubled compared to conventional model, lower operating noise level: 13 dB (A), improved operational reliability from inbuilt mesh filter on (IN connection) compressed air inlet, reduced condensation levels: air exhaust channels integrated directly into the cylinder tube, suitable for: compressed air, size 1/4, with pressure gauge and silencer, elbow, pneumatic connection: G 1/4, pneumatic connection pressure gauge: G 1/8, pneumatic connections pressure gauge: 2, flow rate 230 l/min, pressure boost 1:2, manually actuated pressure adjustment mechanism, test pressure: 3 MPa, max. operating pressure: 2 MPa, min. operating pressure: 0.2 MPa, media temperature: +2 to +50 °C, ambient temperature: +2 to +50 °C



**Design:** with pressure gauge and with high performance muffler, angled  
**min. working pressure:** 0.20 MPa  
**Port for pneumatic pressure gauge:** Rc 1/8  
**number connection pneumatic pressure gauge:** 2  
**max. inlet pressure:** 0,1 to 1,0  
**Media temperature:** +2 °C to +50 °C  
**Ambient temperature:** +2 °C bis +50 °C  
**Media:** Compressed air

Identification	Pneumatic Port	Size	pressure adjustment mechanism	pressure booster ratio	Flow rate L/min	Max. working pressure MPa
K- 07 60 00 04	G 1/4	1/4	manually operated	1:2	230	3,00

**Web:** <http://cat.hansa-flex.com/en/KDRUCKVERSTMANOHSCHALLDWVBA>

## K-DRUCKLUFTBEHAELTER RV VBAT

### Compressed air tanks RV VBAT



Air tank, series VBAT, can be connected directly to the booster regulator VBA, the tank can also be used separately. However, because of the different regulations relating to pressure vessels, please check the country-specific requirements for the selection of an air tank

**Design:** Compressed air tank  
**amount of connections:** 1  
**Max. working pressure:** 1 MPa  
**Media temperature:** 0 °C to +75 °C  
**Ambient temperature:** 0 °C bis +75 °C  
**Media:** Compressed air  
**Material:** carbon steel  
**Series:** VBAT

Identification	Outlets	Port Outlet	connection supply line pneumatic	Container volume cc
K-07 60 00 18	1	G 1/2	G 3/4	20
K-07 60 00 19	1	G 3/4	G 3/4	38

**Web:** <http://cat.hansa-flex.com/en/KDRUCKLUFTBEHAELTERRVBAT>

## K-DRUCKLUFTBEHAELTER SV VBAT

### Compressed air tanks SV VBAT



Air tank, series VBAT, can be connected directly to the booster regulator VBA, the tank can also be used separately. However, because of the different regulations relating to pressure vessels, please check the country-specific requirements for the selection of an air tank

**Design:** Compressed air tank  
**amount of connections:** 1  
**Max. working pressure:** 2 MPa  
**Media temperature:** 0 °C to +75 °C  
**Ambient temperature:** 0 °C bis +75 °C  
**Media:** Compressed air  
**Material:** carbon steel  
**Series:** VBAT

Identification	Outlets	Port Outlet	connection supply line pneumatic	Container volume cc
K-07 60 00 16	1	G 3/8	G 3/8	5
K-07 60 00 17	1	G 1/2	G 1/2	10

**Web:** <http://cat.hansa-flex.com/en/KDRUCKLUFTBEHAELTERSVBAT>

## K-SPANNUNGS AUSGANGSKABEL PF2A

### Power connecting cable PF2A



Power lead/outlet cable, series PF2A/W, connection cable 3.0 m with M12 plug

**I/O cable:** with connection cable with M12-plug  
**Cable length:** 3 m  
**Series:** PF2A  
**More information:** Accessories for Digital Flow Switch PF2A

Identification	Designation
K-07 60 00 24	voltage / connecting cable

**Web:** <http://cat.hansa-flex.com/en/KSPANNUNGS AUSGANGSKABELPF2A>



**K-STOSSDAEMPFER RB****Shock absorber RB**

Shock absorber, series RB, high power density from hydraulic design principle results in min. dimensions, impact speed up to max. 5 m/sec., the annulus on the end can be used as a mechanical stop, basic version, thread M 8 x 1, stroke 6 mm

**Series:** RB

**More information:** high power density through hydraulic function principle results in min.. size, Impact speed up to max. 5 m / sec., Annular surface at the front side can be used as a mechanical stop



Identification	stroke	Design	Designation	Thread
K- 07 55 02 24	5	basic model	Shock absorber	M 8 x 1
K- 07 55 02 25	6	basic model	Shock absorber	M 8 x 1
K- 07 55 02 27	6	basic model	Shock absorber	M 10 x 1
K- 07 55 02 28	7	basic model	Shock absorber	M 10 x 1
K- 07 55 02 30	11	basic model	Shock absorber	M 14 x 1.5
K- 07 55 02 31	12	basic model	Shock absorber	M 14 x 1.5
K- 07 55 02 33	15	basic model	Shock absorber	M 20 x 1.5
K- 07 55 02 35	25	basic model	Shock absorber	M 27 x 1.5

**Web:** <http://cat.hansa-flex.com/en/KSTOSSDAEMPFERRB>

**K-SERVICE-SET P MSQ****Service-set P MSQ**

**Series:** MSQ

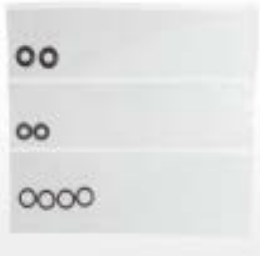


Identification	Design	Size
K- 07 55 02 20	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	10
K- 07 55 02 21	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	20
K- 07 55 02 22	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	30
K- 07 55 02 23	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	50

**Web:** <http://cat.hansa-flex.com/en/KSERVICESETPMSQ>

## K-SERVICE-SET PS MXS

### Service-set MXS



Service kit, series MXS, for piston diameter 6 mm, piston seal, piston rod seal, O-ring

Series: MXS

Identification	Ø piston mm	Design
K-07 55 01 51	6	contains piston seal, rod seal, O-ring
K-07 55 01 58	8	contains piston seal, rod seal, O-ring
K-07 55 01 34	12	contains piston seal, rod seal, O-ring
K-07 55 01 43	16	contains piston seal, rod seal, O-ring
K-07 55 01 44	20	contains piston seal, rod seal, O-ring
K-07 55 01 45	25	contains piston seal, rod seal, O-ring

Web: <http://cat.hansa-flex.com/en/KSERVICESETPSMXS>

## K-SECHSKANTMUTTER RB

### Hexagon stopper nut for shock absorber RB



Hexagonal nut (2 No. standard), series RB, thread M 8 x 1

Series: RB

More information: 2 pieces included in delivery

Identification	Designation	Thread
K-07 55 02 26	Hexagon nut	M 8 x 1
K-07 55 02 29	Hexagon nut	M 10 x 1
K-07 55 02 32	Hexagon nut	M 14 x 1.5
K-07 55 02 34	Hexagon nut	M 20 x 1.5
K-07 55 02 36	Hexagon nut	M 27 x 1.5

Web: <http://cat.hansa-flex.com/en/KSECHSKANTMUTTERRB>

## K-SERVICE-SET KT MSQ

### Service-set KT MSQ



Series: MSQ

Identification	Design	Size
K-07 55 00 21	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	70



(Continued)

**K-SERVICE-SET KT MSQ**

Service-set KT MSQ

Identification	Design	Size
K- 07 55 00 19	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	100
K- 07 55 00 20	included: Gaskets for lid / plate / end plate, Piston ring, seal ring for adjustable stop pin	200

**Web:** <http://cat.hansa-flex.com/en/KSERVICESETKTMSQ>

**K-PANEEL ADA ISE**

Panel adapter ISE

Panel adapter, series ISE, fastening accessories for panel mounting

**Series:** ISE40A



Identification	Design	Designation
K- 07 60 00 20	Mounting Accessories for panel mounting ISE	Panel adapter

**Web:** <http://cat.hansa-flex.com/en/KPANEELADAISE>

**K-REED-SCHALTER D**

Reed switch D

Reed switch, series D-A93, direct mounting in round profile groove, version: electrical input port axial, with LED, with cast-in cable, cable length 3.0 m

**Electrical inlet:** axial

**Cable length:** 3 m

**Series:** D



Identification	Design	Designation
K- 07 50 00 01	with LED, with grommet, without connector	Reed-switch
K- 07 50 00 02	with LED, with M8 connector (3 pin)	Reed-switch

**Web:** <http://cat.hansa-flex.com/en/KREEDSCHALTERD>

**K-HUBBEGRENZEINH PU-DAEMPFER MXS****MXS stroke adjuster with PU-buffer**

Stroke adjuster extension end with PU bumper, series MXS, adjustment range for extension stroke: 0 - 5 mm, piston diameter 12 mm

Series: MXS

Identification	Ø piston mm	Designation	Adjustment range
K-07 55 01 76	12	Stroke unit with PU damper	for advance stroke: 0 - 5 mm
K-07 55 01 77	12	Stroke unit with PU damper	for advance stroke: 0 - 15 mm
K-07 55 01 78	12	Stroke unit with PU damper	for advance stroke: 0 - 25 mm
K-07 55 01 79	16	Stroke unit with PU damper	for advance stroke: 0 - 5 mm
K-07 55 01 80	16	Stroke unit with PU damper	for advance stroke: 0 - 15 mm
K-07 55 01 81	16	Stroke unit with PU damper	for advance stroke: 0 - 25 mm
K-07 55 01 82	20	Stroke unit with PU damper	for advance stroke: 0 - 5 mm
K-07 55 01 83	20	Stroke unit with PU damper	for advance stroke: 0 - 15 mm
K-07 55 01 84	20	Stroke unit with PU damper	for advance stroke: 0 - 25 mm
K-07 55 01 85	25	Stroke unit with PU damper	for advance stroke: 0 - 5 mm
K-07 55 01 86	25	Stroke unit with PU damper	for advance stroke: 0 - 15 mm
K-07 55 01 87	25	Stroke unit with PU damper	for advance stroke: 0 - 25 mm
K-07 55 01 88	6	Stroke unit with PU damper	for advance stroke: 0 - 5 mm
K-07 55 01 89	6	Stroke unit with PU damper	for advance stroke: 0 - 15 mm
K-07 55 01 90	8	Stroke unit with PU damper	for advance stroke: 0 - 5 mm
K-07 55 01 91	8	Stroke unit with PU damper	for advance stroke: 0 - 15 mm
K-07 55 01 92	8	Stroke unit with PU damper	for advance stroke: 0 - 25 mm
K-07 55 01 93	12	Stroke unit with PU damper	for return stroke: 0 - 5 mm
K-07 55 01 94	12	Stroke unit with PU damper	for return stroke: 0 - 15 mm
K-07 55 01 95	12	Stroke unit with PU damper	for return stroke: 0 - 25 mm
K-07 55 01 96	16	Stroke unit with PU damper	for return stroke: 0 - 5 mm
K-07 55 01 97	16	Stroke unit with PU damper	for return stroke: 0 - 15 mm
K-07 55 01 98	16	Stroke unit with PU damper	for return stroke: 0 - 25 mm
K-07 55 01 99	20	Stroke unit with PU damper	for return stroke: 0 - 5 mm
K-07 55 02 00	20	Stroke unit with PU damper	for return stroke: 15 mm
K-07 55 02 01	20	Stroke unit with PU damper	for return stroke: 25 mm
K-07 55 02 02	25	Stroke unit with PU damper	for return stroke: 5 mm
K-07 55 02 03	25	Stroke unit with PU damper	for return stroke: 0 - 15 mm
K-07 55 02 04	25	Stroke unit with PU damper	for return stroke: 0 - 25 mm
K-07 55 02 05	6	Stroke unit with PU damper	for return stroke: 0 - 5 mm
K-07 55 02 06	6	Stroke unit with PU damper	for return stroke: 0 - 15 mm
K-07 55 02 07	8	Stroke unit with PU damper	for return stroke: 0 - 5 mm
K-07 55 02 08	8	Stroke unit with PU damper	for return stroke: 0 - 15 mm
K-07 55 02 09	8	Stroke unit with PU damper	for return stroke: 0 - 25 mm
K-07 55 02 10	12	Stroke unit with shock absorber	for advance stroke: 0 - 5 mm
K-07 55 02 11	16	Stroke unit with shock absorber	for advance stroke: 0 - 5 mm
K-07 55 02 12	20	Stroke unit with shock absorber	for advance stroke: 0 - 5 mm
K-07 55 02 13	25	Stroke unit with shock absorber	for advance stroke: 0 - 5 mm
K-07 55 02 14	8	Stroke unit with shock absorber	for advance stroke: 0 - 5 mm
K-07 55 02 15	12	Stroke unit with shock absorber	for return stroke: 0 - 5 mm
K-07 55 02 16	16	Stroke unit with shock absorber	for return stroke: 0 - 5 mm
K-07 55 02 17	20	Stroke unit with shock absorber	for return stroke: 0 - 5 mm
K-07 55 02 18	25	Stroke unit with shock absorber	for return stroke: 0 - 5 mm
K-07 55 02 19	8	Stroke unit with shock absorber	for return stroke: 0 - 5 mm

Web: <http://cat.hansa-flex.com/en/KHUBBEGRENZEINHPUDAEMPFERMXS>

**K-HUBEINSTELLSCHR MXS****Adjustment bolt MXS**

Stroke adjustment bolt, series MXS, piston diameter 12 mm, with plastic cap, adjustment range 5 mm

**Design:** stroke adjustment screw

**Adjustment range:** 5 mm

**Series:** MXS



Identification	Ø piston mm	Design
K-07 55 01 59	12	with plastic cap
K-07 55 01 60	12	with plastic cap
K-07 55 01 61	12	with plastic cap
K-07 55 01 62	16	with plastic cap
K-07 55 01 63	16	with plastic cap
K-07 55 01 64	16	with plastic cap
K-07 55 01 65	20	with plastic cap
K-07 55 01 66	20	with plastic cap
K-07 55 01 67	20	with plastic cap

Identification	Ø piston mm	Design
K-07 55 01 68	25	with plastic cap
K-07 55 01 69	25	with plastic cap
K-07 55 01 70	25	with plastic cap
K-07 55 01 71	6	with plastic cap
K-07 55 01 72	6	with plastic cap
K-07 55 01 73	8	with plastic cap
K-07 55 01 74	8	with plastic cap
K-07 55 01 75	8	with plastic cap

**Web:** <http://cat.hansa-flex.com/en/KHUBEINSTELLSCHRMXS>

**K-BEFESTIGUNGSWINKEL ISE****Mounting bracket ISE**

Fastening angle A, series ISE40/ZSE40, with mounting screws 2 x M 3 x 5

**Series:** ISE40A



Identification	Design	Designation
K-07 60 00 21	with mounting screws 2 x M 3 x 5	Mounting bracket A
K-07 60 00 22	with mounting screws 2 x M 3 x 5	Mounting bracket B
K-07 60 00 23	with protective cover	Adapter for switching panel mounting

**Web:** <http://cat.hansa-flex.com/en/KBEFESTIGUNGSWINKELISE>

**K-ELKT SIGNALGEBER D****Solid state sensor D**

Electronic transducer, series D-M9P, round profile groove, version: with LED, electrical input port axial, 3-wire PNP, with 3.0 m cable

**Electrical inlet:** axial

**Cable length:** 3 m

**Series:** D



Identification	Design	Designation
K-07 50 00 03	with LED, with grommet, without connector	electronic signaler



**K-ELKT SIGNALGEBER D**

(Continued)

**Solid state sensor D**

Identification	Design	Designation
K- 07 50 00 04	with LED, with M8 connector (3 pin)	electronic signaler
K- 07 50 00 05	with LED, with grommet, without connector	electronic signaler

**Web:** <http://cat.hansa-flex.com/en/KELKTSIGNALGEBERD>

**K-ANSCHLUSSKABEL STECKER PF3W**

**connecting cable with M8-connector PF3W**

Connection cable with M8 plug, series PF3W, 4-wire, cable length 3.00 m

**I/O cable:** without connection cable

**Series:** PF3W

**More information:** Accessories for Digital Flow Switch PF3W



Identification	Designation
K- 07 60 00 25	Connection cable with M8-plug

**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSKABELSTECKERPF3W>

**K-BEFESTIGUNGSELEMENTE PF3W**

**mounting element PF3W**



Mount, for PF3W704/720, including 4 self-tapping screws (3 x 8)

**Series:** PF3W

**More information:** Accessories for Digital Flow Switch PF3W

Identification	Design	Designation
K- 07 60 00 26	including 4-tapping screws (3 x 8)	Mounting element for PF3W704/720
K- 07 60 00 27	including 4-tapping screws (3 x 8)	Mounting element for PF3W740
K- 07 60 00 28	including 4-tapping screws (4 x 10)	Mounting element for PF3W711

**Web:** <http://cat.hansa-flex.com/en/KBEFESTIGUNGSELEMENTEPF3W>





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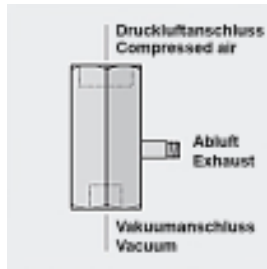
# Vacuum technology



<b>Vacuum ejectors</b>	
Inline ejectors	1096
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## K-INLINE-EJEKTOREN VR

### Inline ejectors »VR«, screw connection



For vacuum generation directly at the point of use. For direct installation between the suction pad and the compressed air supply. Purely pneumatic vacuum generator that operates on the Venturi principle. Compressed air enters the ejector and flows through a nozzle. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet. This air and the driving air leave the ejector and enter the atmosphere via the exhaust air outlet.

**Properties:** Vacuum generator with high maximum vacuum level (85% vacuum), No moving parts, which means no wear and no maintenance, ultra small footprint, suitable for confined spaces, minimal air consumption, low noise

**Application:** by screwing / plugging into the distribution beam direct attachment to the suction pad, for handling various work-pieces

**Housing:** Aluminium eloxed (type VR)

**Nozzle system:** Brass (type VR)

**Connection:** Plug-in connection

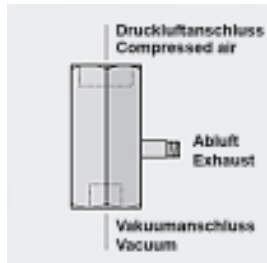
**Note:** Further information on request

Identification	Nozz-lesize	Exhaustair outlet	Pneumatic connec-tion	Vacuum inlet	degree of evacua-tion	air consumption suction L/min	max. suction capa-city L/min	Length mm	Operating pressure bar
K-07 45 01 29	0,7	M 5 male	G 1/4 IG	G1/8 female	90 %	21,0	14,0	35,0	5,0
K-07 45 01 30	0,9	M 5 male	G 1/4 IG	G1/8 female	89 %	36,0	21,0	35,0	5,0

**Web:** <http://cat.hansa-flex.com/en/KINLINEEJEKTORENVR>

## K-INLINE-EJEKTOREN SLP

### Inline ejectors »SLP«, plug connection



For vacuum generation directly at the point of use. For direct installation between the suction pad and the compressed air supply. Purely pneumatic vacuum generator that operates on the Venturi principle. Compressed air enters the ejector and flows through a nozzle. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet. This air and the driving air leave the ejector and enter the atmosphere via the exhaust air outlet.

**Properties:** Vacuum generator with high maximum vacuum level (85% vacuum), No moving parts, which means no wear and no maintenance, ultra small footprint, suitable for confined spaces, minimal air consumption, low noise

**Application:** by screwing / plugging into the distribution beam direct attachment to the suction pad, for handling various work-pieces

**Housing:** plastic (Typ SLP)

**Nozzle system:** Brass (type VR)

**Connection:** thread connector

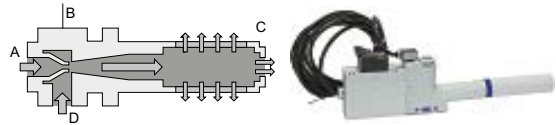
**Note:** Further information on request

Identification	Nozz-lesize	Exhaustair outlet	Pneumatic connec-tion	Vacuum inlet	degree of evacua-tion	air consumption suction L/min	max. suction capa-city L/min	Length mm	Operating pressure bar
K-07 45 01 27	0,5	-	4 mm	4 mm	85 %	13,0	8,0	57,0	4,5
K-07 45 01 28	0,7	-	4 mm	4 mm	85 %	25,0	16,0	57,0	4,5

**Web:** <http://cat.hansa-flex.com/en/KINLINEEJEKTORENSLP>

**K-GRUNDEJEKTION SBP-C ELK**
**Basic ejector »SBP-C« with blow-off valve and electronic vacuum switch, with integrated silencer**

Purely pneumatic vacuum ejector that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.



**Properties:** Vacuum generator with a single nozzle, available in six power ratings, with a high maximum vacuum value (85%), Connection of compressed air and vacuum with push-in coupling, Basic housing with connection facility for a vacuum switch, Maximum suction capacity with minimum compressed air consumption, Minimum size, low weight, Various power ratings for optimised air consumption

**Application:** For universal use in handling systems with very high dynamic movements, Handling all kinds of air-tight components, For use in separation systems where space is restricted.,

Construction of ejector blocks for centralised or decentralised individual control of suction pads.

**Nozzle system:** Brass

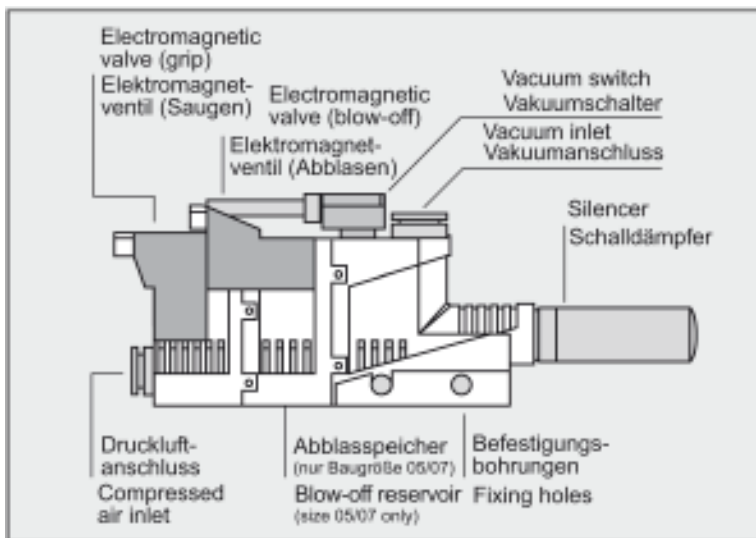
**Connection:** Push-in coupling

**Silencer:** Plastic

**Body:** Impact-resistant plastic

**Note:** Further information on request

Identification	Nozzlesize	suction valve rest position	Pneumatic connection	Vacuum inlet	Dimension
K-07 45 01 20	1,0	NO	6 mm	8 mm	142mm x 15mm x 50mm
K-07 45 01 22	1,5	NO	6 mm	8 mm	142mm x 15mm x 50mm
K-07 45 01 24	2,0	NO	8 mm	10 mm	228mm x 20mm x 72mm
K-07 45 01 26	2,5	NO	8 mm	10 mm	228mm x 20mm x 72mm



**Web:** <http://cat.hansa-flex.com/en/KGRUNDEJEKTIONSBPCELK>

**Accessories:**

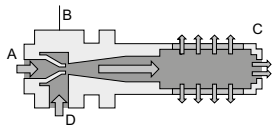
K-ERSATZSCHALLDAEMPFER 1 - Replacement silencers

K-GRUNDPLATTEN 1 - Base plate

K-BEFESTIGUNGSSAETZE 1 - Mounting kit

**K-GRUNDEJEKTION SBP-C**

**Basic ejectors »SBP-C« with blow-off valve, with integrated silencer**



Purely pneumatic vacuum ejector that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.

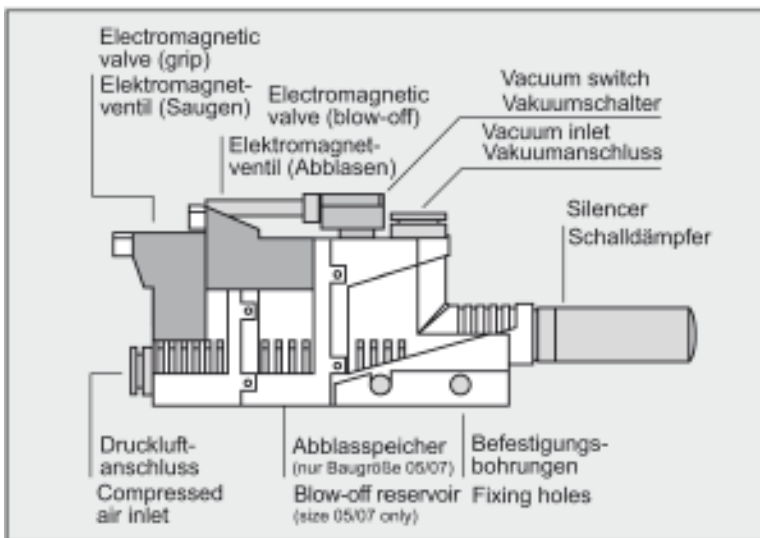
**Properties:** Vacuum generator with a single nozzle, available in six power ratings, with a high maximum vacuum value (85%), Connection of compressed air and vacuum with push-in coupling, Basic housing with connection facility for a vacuum switch, Maximum suction capacity with minimum compressed air consumption, Minimum size, low weight, Various power ratings for optimised air consumption

**Application:** For universal use in handling systems with very high dynamic movements, Handling all kinds of air-tight components, For use in separation systems where space is restricted, Construction of ejector blocks for centralised or decentralised individual control of suction pads.

**Nozzle system:** Brass  
**Connection:** Push-in coupling  
**Silencer:** Plastic  
**Body:** Impact-resistant plastic

**Note:** Further information on request

Identification	Nozzlesize	suction valve rest position	Pneumatic connection	Vacuum inlet	Dimension
K-07 45 01 19	1,0	NO	6 mm	8 mm	142mm x 15mm x 50mm
K-07 45 01 21	1,5	NO	6 mm	8 mm	142mm x 15mm x 50mm
K-07 45 01 23	2,0	NO	8 mm	10 mm	228mm x 20mm x 72mm
K-07 45 01 25	2,5	NO	8 mm	10 mm	228mm x 20mm x 72mm



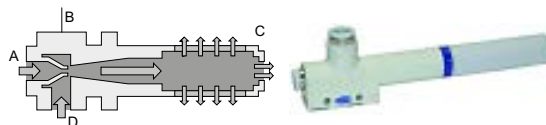
**Web:** <http://cat.hansa-flex.com/en/KGRUNDEJEKTIONSBP>

- Accessories:**  
 K-ERSATZSCHALLDAEMPFER 1 - Replacement silencers  
 K-GRUNDPLATTEN 1 - Base plate  
 K-BEFESTIGUNGSSAETZE 1 - Mounting kit

**K-GRUNDEJEKTION SBP**

## Basic ejectors

Purely pneumatic vacuum ejector that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.



**Properties:** Vacuum generator without control valves or system monitoring functions, with a high maximum vacuum value (85%), No moving parts, which means no wear and no maintenance, Maximum suction capacity with minimum compressed air consumption, Minimum size, low weight, For decentralised vacuum generation in highly dynamic processes

**Application:** For universal use in lightweight gripper systems, to handle air-tight workpieces as well as for automatic separation systems,, e.g. in the plastics, electronics and packaging industries., Also ideal for the construction of ejector blocks for decentralised control of suction pads.

**Housing:** Plastic (impact-resistant)

**Connection:** Push-in coupling

**Operating pressure:** 4.5 bar

**degree of evacuation:** 85 %

**Silencer:** Plastic

**Note:** Further information on request

Identification	Nozzlesize	Pneumatic connection	Vacuum inlet	air consumption suction	max. suction capacity	Dimension
				L/min	L/min	
K- 07 45 01 13	0,5	4 mm	4 mm	14,0	8,0	71mm x 10mm x 28mm
K- 07 45 01 14	0,7	4 mm	4 mm	22,0	16,0	71mm x 10mm x 28mm
K- 07 45 01 15	1,0	6 mm	8 mm	48,0	37,7	97mm x 15mm x 40mm
K- 07 45 01 16	1,5	6 mm	8 mm	105,0	71,0	97mm x 15mm x 40mm
K- 07 45 01 17	2,0	8 mm	10 mm	197,0	127,0	168mm x 20mm x 46mm
K- 07 45 01 18	2,5	8 mm	10 mm	311,0	215,0	168mm x 20mm x 46mm

**Web:** <http://cat.hansa-flex.com/en/KGRUNDEJEKTIONSBP>

**Accessories:**

K-GRUNDPLATTEN 1 - Base plate

K-ERSATZSCHALLDAEMPFER 3 - Replacement silencers

K-ERSATZSCHALLDAEMPFER 1 - Replacement silencers

**K-ERSATZSCHALLDAEMPFER 3**

## Replacement silencers

**For types:** K-07450113, K-07450114


**Identification**

K- 07 45 01 69

**Designation**

Replacement silencers

**Web:** <http://cat.hansa-flex.com/en/KERSATZSCHALLDAEMPFER3>

## K-ERSATZSCHALLDAEMPFER 1

### Replacement silencers

**For types:** K-07450123 - K-07450126, K-07450117, K-07450118



Identification	Designation
K-07 45 01 70	Replacement silencers
K-07 45 01 71	Replacement silencers

**Web:** <http://cat.hansa-flex.com/en/KERSATZSCHALLDAEMPFER1>

## K-BEFESTIGUNGSSAETZE 1

### Mounting kit

**For types:** for all sizes



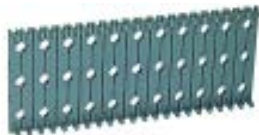
Identification	Designation
K-07 45 01 68	Mounting kit (rail)

**Web:** <http://cat.hansa-flex.com/en/KBEFESTIGUNGSSAETZE1>

## K-GRUNDPLATTEN 1

### Base plate

**For types:** for all sizes



Identification	Designation
K-07 45 01 67	Base plate

**Web:** <http://cat.hansa-flex.com/en/KGRUNDPLATTEN1>

**K-KOMPAKTEJEKTOREN MINI**

## Mini-compact ejectors

Purely pneumatic vacuum generator that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.

**Properties:** Vacuum generator with integrated control valves and system monitoring functions, Gripping and blowing off can be controlled without the need for external valves, Optimised air consumption thanks to many models with differing suction capacities, Minimum energy costs in continuous operation, Easy adjustment with foil keypad, LED display of the settings, Minimum size and low weight, Optimum vacuum generation directly on the suction pad, Complete solution for very simple installation, Short learning curve thanks to "teach" function, No need for additional sensors, Easily visible status indication

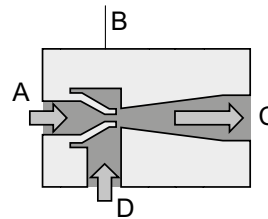
**Application:** Ideal where space is restricted and for highly dynamic movements, handling with industrial robots, linear axes, pick-and-place systems

**degree of evacuation:** 85 %

**Body:** Anodised aluminium

**Integrated:** NC blow-off valve, filter, silencer, non-return valve

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request



Identification	Nozzle size	suction valve rest position	Pneumatic connection	Vacuum inlet	air consumption suction L/min	max. suction capacity L/min	Dimension	Operating pressure bar
K-07 45 01 46	1,0	NC	M 5 IG	M5 female	46,0	23,0	65mm x 10mm x 107mm	4,5
K-07 45 01 45	1,0	NO	M 5 IG	M5 female	46,0	23,0	65mm x 10mm x 107mm	4,5

**Web:** <http://cat.hansa-flex.com/en/KKOMPAKTEJEKTORENMINI>

**Accessories:**

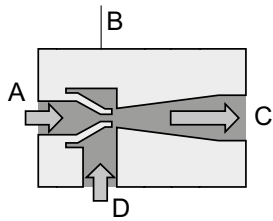
**K-ANSCHLUSSTECK MAGNETVE 1** - Connection plug for solenoid valves

**K-ERSATZSCHALLDAEMPFER** - Replacement silencers

**K-ERSATZFILTERELEMENTE 1** - Replacement filter element

## K-KOMPAKTEJEKTOREN CP

### Compact ejectors »CP«, digital vacuum switch with air-saving function



Purely pneumatic vacuum ejector that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.

**Properties:** Vacuum generator with integrated control valves and system monitoring functions, Gripping and blowing off can be controlled without the need for external valves, Optimised air consumption thanks to many models with differing suction capacities, Minimum energy costs in continuous operation thanks to automatic air-saving, Easy adjustment with foil keypad and LED display of the settings

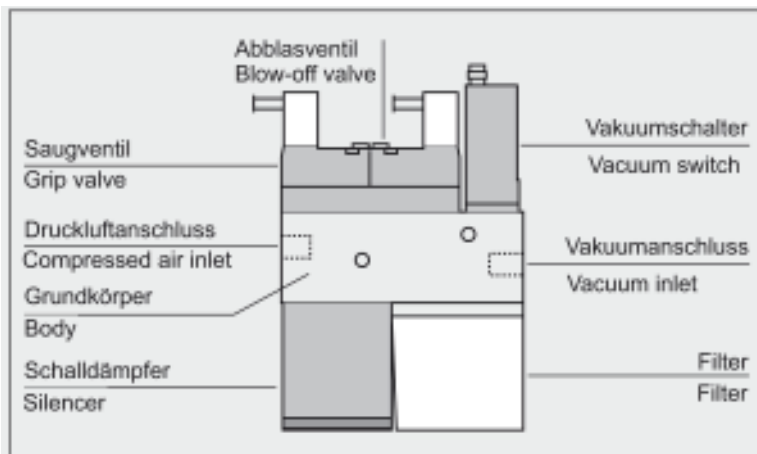
**Application:** Handling of air-tight or slightly porous workpieces in fully automated handling systems, e.g. in the robotics, automotive, packaging, electronics, electrical engineering and metalworking industries

**Body:** Anodised aluminium

**Integrated:** NC blow-off valve, filter, silencer, non-return valve

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	Nozzle size	suction valve rest position	Pneumatic connection	Vacuum inlet	air consumption suction L/min	max. suction capacity L/min	Dimension	Operating pressure bar
K-07 45 01 33	1,5	NC	G 1/8 IG	G1/8 female	117,0	65,0	72mm x 20mm x 164mm	5,0
K-07 45 01 34	1,5	NO	G 1/8 IG	G1/8 female	117,0	65,0	72mm x 20mm x 164mm	5,0
K-07 45 01 37	2,0	NC	G 1/4 IG	G 3/8 female	190,0	116,0	113mm x 22mm x 168mm	6,0
K-07 45 01 38	2,0	NO	G 1/4 IG	G 3/8 female	190,0	116,0	113mm x 22mm x 168mm	6,0
K-07 45 01 41	2,5	NC	G 1/4 IG	G 3/8 female	310,0	161,0	113mm x 22mm x 183mm	6,0
K-07 45 01 42	2,5	NO	G 1/4 IG	G 3/8 female	310,0	161,0	113mm x 22mm x 183mm	6,0



**Web:** <http://cat.hansa-flex.com/en/KKOMPAKTEJEKTORENCP>

**Accessories:**

K-ANSCH KABEL VAKUUMSCHAL - Connection cable for vacuum switch

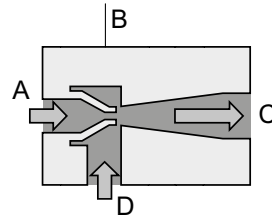
K-ERSATZSCHALLDAEMPFER 2 - Replacement silencers

K-ERSATZFILTERELEMENTE - Replacement filter element



**K-KOMPAKTEJEKTOREN CP SYST**
**Compact ejectors »CP«, system monitoring function: digital vacuum switch**

Purely pneumatic vacuum ejector that operates on the Venturi principle. Compressed air enters the ejector at A and flows through the nozzle B. This results in a vacuum immediately behind the nozzle outlet, and air is drawn in through the vacuum inlet D. This air and the driving air leave the ejector via the silencer C.



**Properties:** Vacuum generator with integrated control valves and system monitoring functions, Gripping and blowing off can be controlled without the need for external valves, Optimised air consumption thanks to many models with differing suction capacities, Minimum energy costs in continuous operation thanks to automatic air-saving, Easy adjustment with foil keypad and LED display of the settings

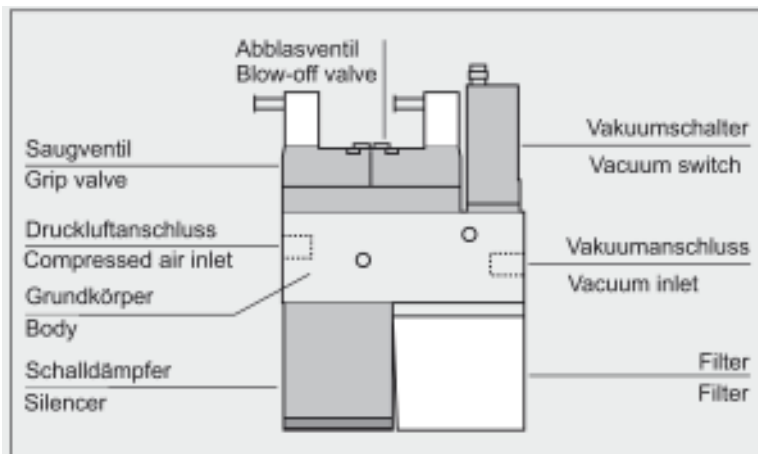
**Application:** Handling of air-tight or slightly porous workpieces in fully automated handling systems, e.g. in the robotics, automotive, packaging, electronics, electrical engineering and metalworking industries

**Body:** Anodised aluminium

**Integrated:** NC blow-off valve, filter, silencer, non-return valve

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	Nozzle size	suction valve rest position	Pneumatic connection	Vacuum inlet	air consumption L/min	max. suction capacity L/min	Dimension	Operating pressure bar
K-07 45 01 35	1,5	NC	G 1/8 IG	G 1/8 female	117,0	65,0	72mm x 20mm x 164mm	5,0
K-07 45 01 36	1,5	NO	G 1/8 IG	G 1/8 female	117,0	65,0	72mm x 20mm x 164mm	5,0
K-07 45 01 39	2,0	NC	G 1/4 IG	G 3/8 female	190,0	116,0	113mm x 22mm x 168mm	6,0
K-07 45 01 40	2,0	NO	G 1/4 IG	G 3/8 female	190,0	116,0	113mm x 22mm x 168mm	6,0
K-07 45 01 43	2,5	NC	G 1/4 IG	G 3/8 female	310,0	161,0	113mm x 22mm x 183mm	6,0
K-07 45 01 44	2,5	NO	G 1/4 IG	G 3/8 female	310,0	161,0	113mm x 22mm x 183mm	6,0



**Web:** <http://cat.hansa-flex.com/en/KKOMPAKTEJEKTORENCPSYST>

**Accessories:**

K-ANSCH KABEL VAKUUMSCHAL - Connection cable for vacuum switch

K-ERSATZSCHALLDAEMPFER 2 - Replacement silencers

K-ERSATZFILTERELEMENTE - Replacement filter element

## K-ERSATZFILTERELEMENTE 1

### Replacement filter element

**For types:** K-07450145, K-07450146



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Designation
K-07 45 01 73	Replacement filter element

**Web:** <http://cat.hansa-flex.com/en/KERSATZFILTERELEMENTE1>

## K-ERSATZSCHALLDAEMPFER

### Replacement silencers

**For types:** K-07450145, K-07450146



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Designation
K-07 45 01 72	Replacement silencers

**Web:** <http://cat.hansa-flex.com/en/KERSATZSCHALLDAEMPFER>

## K-ANSCHLUSSSTECK MAGNETVE 1

### Connection plug for solenoid valves

**For types:** K-07450135 - K-07450136, K-07450145, K-07450146



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Designation
K-07 45 01 59	with 3 m cable, PVC

**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSSTECKMAGNETVE1>

**K-ERSATZFILTERELEMENTE**

Replacement filter element

**For types:** K-07450133 -K-07450136



Identification	Designation
K- 07 45 01 65	Replacement filter element
K- 07 45 01 66	Replacement filter element

**Web:** <http://cat.hansa-flex.com/en/KERSATZFILTERELEMENTE>

**K-ERSATZSCHALLDAEMPFER 2**

Replacement silencers

**For types:** K-07450133 -K-07450136



Identification	Designation
K- 07 45 01 64	Replacement silencers
K- 07 45 01 62	Replacement silencers
K- 07 45 01 63	Replacement silencers

**Web:** <http://cat.hansa-flex.com/en/KERSATZSCHALLDAEMPFER2>

**K-ANSCHLUSSTECK MAGNETVE**

Connection plug for solenoid valves

**For types:** K-07450139 - K-07450140, K-07450143 - K-07450146



Identification	Designation
K- 07 45 01 61	with 5 m cable, PVC

**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSTECKMAGNETVE>

## K-ANSCH KABEL VAKUUMSCHAL

### Connection cable for vacuum switch

For types: K-07450135 - K-07450136, K-07450139 - K-07450140, K-07450143 - K-07450146



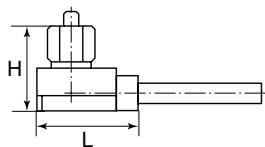
**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Designation
K-07 45 01 60	with 5 m cable, PUR

**Web:** <http://cat.hansa-flex.com/en/KANSCHKABELVAKUUMSCHAL>

## K-VAKUUMSENSOR ANALOG

### Vacuum sensor, analogue



Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

**Application:** Measurement of vacuum values close to the suction pad, Remote evaluation of the signals, Processing the output signals, for example, by PLC  
**Media:** dry, oil-free air and non-aggressive gases  
**Temp. range:** 0 - 50 °C  
**Output signal:** 1 to 5 analogous to V  
**Hysteresis:** Fixed: 20 mbar (model with digital sensor)  
**Cable length:** 3 m  
**Protection IP:** IP 40

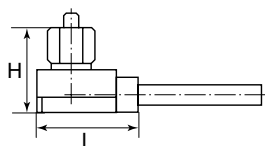
**Note:** Further information on request

Identification	Connection	H mm	L mm	Measuring range	Voltage
K-07 45 01 56	M 5 male	16,9	21,0	-1 to 0 bar	10 - 24 V DC

**Web:** <http://cat.hansa-flex.com/en/KVAKUUMSENSORANALOG>

## K-VAKUUMSENSOR DIGITAL

### Vacuum sensor, digital



Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

**Application:** Measurement of vacuum values close to the suction pad, Remote evaluation of the signals, Processing the output signals, for example, by PLC  
**Media:** dry, oil-free air and non-aggressive gases  
**Temp. range:** 0 - 50 °C  
**Output signal:** 1 to 5 analogous to V  
**Hysteresis:** Fixed: 20 mbar (model with digital sensor)  
**Cable length:** 3 m  
**Protection IP:** IP 40

**Note:** Further information on request

Identification	Connection	H mm	L mm	Measuring range	Voltage
K-07 45 01 57	M 5 male	16,9	21,0	-1 to 0 bar	10 - 24 V DC

**Web:** <http://cat.hansa-flex.com/en/KVAKUUMSENSORDIGITAL>

**K-STROEV AG OBEN****Check valves, male thread at top**

Check valves close the vacuum line if the suction pad is not covered, thus maintaining the vacuum. The valves are protected against dirt by a replaceable sieve. This valve series is suitable for all suction pads in our standard range.

**Design:** Ball seat valve (ball in brass seat)  
**Material:** Aluminium housing  
**Housing:** Aluminium



**Note:** Further information on request

Identification	Thread 1	Thread 2	Length mm
K- 07 45 01 52	M 5 male	M 5 female	15,5
K- 07 45 01 51	G 1/8 male	G 1/8 female	26,0
K- 07 45 01 50	G 1/4 male	G 1/4 female	26,0
K- 07 45 01 49	G 1/2 male	G 1/2 female	29,0

**Web:** <http://cat.hansa-flex.com/en/KSTROEVAGOBEN>

**K-STROEV AG UNTEN****Check valves, male thread at bottom**

Check valves close the vacuum line if the suction pad is not covered, thus maintaining the vacuum. The valves are protected against dirt by a replaceable sieve. This valve series is suitable for all suction pads in our standard range.

**Design:** Ball seat valve (ball in brass seat)  
**Housing:** Aluminium



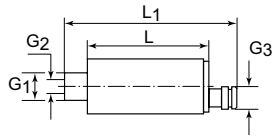
**Note:** Further information on request

Identification	Thread 1	Thread 2	Length mm
K- 07 45 01 55	G 1/8 female	G 1/8 male	26,0
K- 07 45 01 54	G 1/4 female	G 1/4 male	26,0
K- 07 45 01 53	G 1/2 female	G 1/2 male	29,0

**Web:** <http://cat.hansa-flex.com/en/KSTROEVAGUNTEN>

## K-VAKUUMSCHALTER

### Vacuum switch



Universal electronic vacuum switch for safety monitoring, optimisation of cycle times and regulation circuits. Its small size and low weight permit installation directly on the suction pad.

Switching point and hysteresis adjustable with a screw. Integrated LED for indication of the switching state.

- Measured medium:** G 1/8 male and M 5 female
- Output signal:** Analogue: 1 to 5 V
- Electrical connection:** Male connector M8, four pin
- Hysteresis:** Adjustable: 3 to 25% of set value
- Media:** Non-aggressive gases. dry, oil-free air
- Switching function:** PNP
- Switching capacity:** 125 mA
- Current consumption:** 30 mA
- Temp. range:** 0 - 50 °C
- Housing:** Polycarbonate

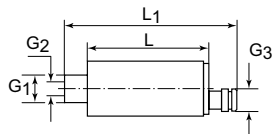
**Note:** Further information on request

Identification	G1 Malethread	G2 Femalethread	G3 Malethread	L mm	L1 mm	Measuring range	Voltage
K-07 45 01 58	G 1/8	M 5	M 8 x 1	44,0	62,0	-1 to 0 bar	10.8 - 30 V DC

**Web:** <http://cat.hansa-flex.com/en/KVAKUUMSCHALTER>

## K-DRUCKSCHALTER VAKUUM

### Combined vacuum/pressure switch



Universal electronic vacuum and pressure switch for safety monitoring, optimisation of cycle times and regulation circuits. Its small size and low weight permit installation directly at the point of use.

Suitable for all special applications in the vacuum and compressed air sectors. Adjustable vacuum limit value and continuous vacuum monitoring.

- Design:** PNP
- Measured medium:** G 1/8 male and M 5 female
- Hysteresis:** Adjustable: 3 to 25% of set value
- Temp. range:** 0 - 50 °C
- Media:** Non-aggressive gases. dry, oil-free air
- Housing:** Polycarbonate
- Output signal:** Analogue: 1 to 5 V
- Electrical connection:** Male connector M8, four pin
- Switching capacity:** 125 mA
- Current consumption:** 30 mA
- status indicator:** LED

**Note:** Further information on request

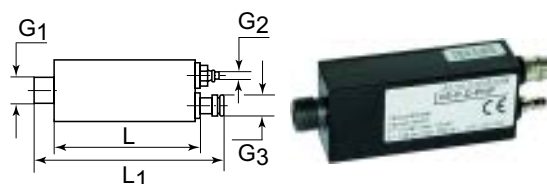
Identification	G1 Malethread	G2 Femalethread	G3 Malethread	L mm	L1 mm	Measuring range	Voltage
K-07 45 01 31	G 1/8	M 5	M 8 x 1	44,0	62,0	-1 to +10 bar	10.8 - 30 V DC

**Web:** <http://cat.hansa-flex.com/en/KDRUCKSCHALTERVAKUUM>

**K-DRS**
**Pressure switch**

Universal electronic pressure switch for safety monitoring, optimisation of cycle times and regulation circuits. Its small size and low weight permit installation in handling systems directly at the point of use.

<b>Measured medium:</b>	G 1/8 male and M 5 female
<b>Output signal:</b>	2 x digital
<b>Design:</b>	PNP
<b>Electrical connection:</b>	Male connector M8, four pin
<b>Hysteresis:</b>	Adjustable: 0 to 100% of set value or comparator mode
<b>Media:</b>	Non-aggressive gases, dry, oil-free air
<b>Measured value display:</b>	3-digit 7-segment LED
<b>Switching capacity:</b>	180 mA
<b>Current consumption:</b>	55 mA
<b>Temp. range:</b>	0 - 50 °C
<b>Housing:</b>	Polycarbonate
<b>status indicator:</b>	2 x LED



**Note:** Further information on request

Identification	G1 Malethread	G2 Femalethread	G3 Malethread	L mm	L1 mm	Measuring range	Voltage
K- 07 45 01 32	G 1/8	M 5	M 8 x 1	58,5	75,5	0 - 10 bar	10.8 - 30 V DC

**Web:** <http://cat.hansa-flex.com/en/KDRS>

**K-FLACHSAUGER RUND NBR**
**Flat suction pads, round, material NBR**

Robust and hard-wearing suction pad with a single sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to handle smooth or slightly rough surfaces. Due to its flat shape, it can grip the workpiece in a very short time and withstand the forces that result from fast movement of the object during handling. It acts as the connecting element between the vacuum generator and the workpiece.

<b>Properties:</b>	minimal priming, high lateral forces realized, good stability in the sucked state, Support surfaces on the bottom, fastest cycle times, high suction force with small dimensions
<b>Application:</b>	Handling of parts with plain to a slightly rough surface like sheets, cartons, glass, plastics



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø mm
K- 07 45 00 87	K-07450014	-	6	-	3,5
K- 07 45 00 89	K-07450015	K-07450022	11,5	16,5	5,0
K- 07 45 00 91	K-07450015	K-07450022	12	17	8,0
K- 07 45 00 93	K-07450015 / K-07450017	K-07450022 / K-07450024	12,5	17,5 / 23,5	10,0
K- 07 45 00 95	K-07450018	K-07450025	13	24	15,0
K- 07 45 00 97	K-07450019	K-07450026	15	26	20,0
K- 07 45 00 99	K-07450020	K-07450027	19	30	25,0
K- 07 45 01 01	K-07450020	K-07450027	17	28	30,0
K- 07 45 01 03	K-07450020	K-07450027	19	30	35,0
K- 07 45 01 05	K-07450020	K-07450027	19	30	40,0
K- 07 45 01 07	K-07450021	K-07450028	20	31	50,0
K- 07 45 01 09	K-07450016	K-07450016	23	39	60,0
K- 07 45 01 11	K-07450016	K-07450016	25	41	80,0

**Web:** <http://cat.hansa-flex.com/en/KFLACHSAUGERRUNDNBR>

**Accessories:**

**K-ANSCHLUSSNIP FLACHSAUG AG** - Connection nipples for flat suction pads

**K-ANSCHLUSSNIP FLACHSAUG IG** - Connection nipples for flat suction pads

## K-FLACHSAUGER RUND SILIKON

### Flat suction pads, round, material silicone



Robust and hard-wearing suction pad with a single sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to handle smooth or slightly rough surfaces. Due to its flat shape, it can grip the workpiece in a very short time and withstand the forces that result from fast movement of the object during handling. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** minimal priming, high lateral forces realized, good stability in the sucked state, Support surfaces on the bottom, fastest cycle times, high suction force with small dimensions

**Application:** Handling of parts with plain to an slightly rough surface like sheets, cartons, glass, plastics

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø
K- 07 45 00 88	K-07450014	-	6	-	3,5
K- 07 45 00 90	K-07450015	K-07450022	11,5	16,5	5,0
K- 07 45 00 92	K-07450015	K-07450022	12	17	8,0
K- 07 45 00 94	K-07450015 / K-07450017	K-07450022 / K-07450024	12,5	17,5 / 23,5	10,0
K- 07 45 00 96	K-07450018	K-07450025	13	24	15,0
K- 07 45 00 98	K-07450019	K-07450026	15	26	20,0
K- 07 45 01 00	K-07450020	K-07450027	19	30	25,0
K- 07 45 01 02	K-07450020	K-07450027	17	28	30,0
K- 07 45 01 04	K-07450020	K-07450027	19	30	35,0
K- 07 45 01 06	K-07450020	K-07450027	19	30	40,0
K- 07 45 01 08	K-07450021	K-07450028	20	31	50,0
K- 07 45 01 10	K-07450016	K-07450016	23	39	60,0
K- 07 45 01 12	K-07450016	K-07450016	25	41	80,0

**Web:** <http://cat.hansa-flex.com/en/KFLACHSAUGERRUNDSILIKON>

#### Accessories:

**K-ANSCHLUSSNIP FLACHSAUG AG** - Connection nipples for flat suction pads

**K-ANSCHLUSSNIP FLACHSAUG IG** - Connection nipples for flat suction pads

## K-ANSCHLUSSNIP FLACHSAUG AG

### Connection nipples for flat suction pads

For suction paddiameter: 50 mm



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Thread	Length mm	DN
K- 07 45 00 21	G 1/8 male	5,0	2,4
K- 07 45 00 20	G 1/8 male	4,5	2,4
K- 07 45 00 19	G 1/8 male	5,0	2,0
K- 07 45 00 18	G 1/8 male	5,0	2,0
K- 07 45 00 17	G 1/8 male	3,0	2,0
K- 07 45 00 16	G 1/4 male	5,0	5,5
K- 07 45 00 15	M 5 male	5,0	2,0

**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSNIPFLACHSAUGAG>



**K-ANSCHLUSSNIP FLACHSAUG IG**

## Connection nipples for flat suction pads

For suction paddiameter: 5 - 10 mm



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Thread	Length mm	DN
K- 07 45 00 28	G 1/8 female	16,0	3,5
K- 07 45 00 27	G 1/8 female	16,0	3,5
K- 07 45 00 26	G 1/8 female	16,0	2,0
K- 07 45 00 25	G 1/8 female	16,0	2,0
K- 07 45 00 24	G 1/8 female	16,0	2,0
K- 07 45 00 23	G 1/4 female	23,0	5,5
K- 07 45 00 22	M 5 female	10,0	2,0

**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSNIPFLACHSAUGIG>

**K-FLACHSAUGER OVAL NBR**

## Flat suction pads, oval, material NBR

Robust and hard-wearing suction pad with a single, oval-shaped sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to handle long or flat workpieces. Due to its oval shape, it has a considerably higher suction force than round, flat suction pads when handling narrow or long workpieces. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** higher suction power at narrow workpieces, Support surfaces on the bottom, high suction force with small dimensions

**Application:** Handling of narrow parts and bars, Handling of parts which only have narrow and small places to grab them.



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread	connection nipple thread	overall height with nipple thread	overall height with nipple thread	Ø1 x Ø2 oval mm
	external	internal	external	internal	
K- 07 45 00 77	K-07450014	-	8	-	7.0 x 3.5
K- 07 45 00 79	K-07450010	K-07450012	17	22	15.0 x 5.0
K- 07 45 00 81	K-07450010	K-07450012	17	22	18.0 x 6.0
K- 07 45 00 83	K-07450008	K-07450009	17	25	30.0 x 10.0
K- 07 45 00 85	K-07450011	K-07450013	26	36	45.0 x 15.0

**Web:** <http://cat.hansa-flex.com/en/KFLACHSAUGEROVALNBR>

## K-FLACHSAUGER SILIKON

### Flat suction pads, oval, material silicone



Robust and hard-wearing suction pad with a single, oval-shaped sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to handle long or flat workpieces. Due to its oval shape, it has a considerably higher suction force than round, flat suction pads when handling narrow or long workpieces. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** higher suction power at narrow workpieces, Support surfaces on the bottom, high suction force with small dimensions

**Application:** Handling of narrow parts and bars, Handling of parts which only have narrow and small places to grab them.

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø1 x Ø2 oval mm
K-07 45 00 78	K-07450014	-	8	-	7.0 x 3.5
K-07 45 00 80	K-07450010	K-07450012	17	22	15.0 x 5.0
K-07 45 00 82	K-07450010	K-07450012	17	22	18.0 x 6.0
K-07 45 00 84	K-07450008	K-07450009	17	25	30.0 x 10.0
K-07 45 00 86	K-07450011	K-07450013	26	36	45.0 x 15.0

**Web:** <http://cat.hansa-flex.com/en/KFLACHSAUGERSILIKON>

**Accessories:**

**K-ANSCHLUSSNIP FLACHSAUG** - Connection nipples for flat suction pads

## K-ANSCHLUSSNIP FLACHSAUG

### Connection nipples for flat suction pads

For suction paddiameter: 45 mm x 15 mm



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Thread	Length mm	DN
K-07 45 00 14	M 3 male	2,0	1,0
K-07 45 00 13	G 1/4 female	15,0	3,5
K-07 45 00 12	M 5 female	10,0	2,0
K-07 45 00 11	G 1/4 male	5,0	3,5
K-07 45 00 10	M 5 male	5,0	2,0
K-07 45 00 09	G 1/8 female	13,0	3,5
K-07 45 00 08	G 1/8 male	5,0	3,5



**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSNIPFLACHSAUG>

**K-BALGSAUGER 1,5 NBR****Bellows suction pads, round, 1.5 folds, material NBR**

Robust and hard-wearing suction pad with a single sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to compensate varying workpiece heights or uneven surfaces or to handle easily damaged parts. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** high rigidity of the upper fold, Soft, tapered sealing lips, Support surfaces on the bottom, high suction power, optimum damping effect, very good adaptation to curved or uneven material

**Application:** Handling of highly uneven parts (e.g.tubes),  
Handling of highly sensitive parts



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø
					mm
K- 07 45 00 29	K-07450002 / K-07450004	K-07450007	21 / 22	28	11,0
K- 07 45 00 31	K-07450002 / K-07450004	K-07450007	21 / 22	28	14,0
K- 07 45 00 33	K-07450002 / K-07450004	K-07450007	24 / 25	31	16,0
K- 07 45 00 35	K-07450002 / K-07450004	K-07450007	20,5 / 21,5	27,5	20,0
K- 07 45 00 37	K-07450004	K-07450007	29	35	25,0
K- 07 45 00 39	K-07450003	K-07450006	31	42	33,0
K- 07 45 00 41	K-07450003	K-07450006	32	43	43,0
K- 07 45 00 43	K-07450003	K-07450006	38	49	53,0

**Web:** <http://cat.hansa-flex.com/en/KBALGSAUGER15NBR>

**Accessories:**

**K-ANSCHLUSSNIP BALGSAUGER** - Connection nipples for bellows suction pads, round, 1.5 and 2.5 folds

**K-BALGSAUGER 1,5 SILIKON****Bellows suction pads, round, 1.5 folds, material silicone**

Robust and hard-wearing suction pad with a single sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to compensate varying workpiece heights or uneven surfaces or to handle easily damaged parts. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** high rigidity of the upper fold, Soft, tapered sealing lips, Support surfaces on the bottom, high suction power, optimum damping effect, very good adaptation to curved or uneven material

**Application:** Handling of highly uneven parts (e.g.tubes),  
Handling of highly sensitive parts



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø
					mm
K- 07 45 00 30	K-07450002 / K-07450004	K-07450007	21 / 22	28	11,0
K- 07 45 00 32	K-07450002 / K-07450004	K-07450007	21 / 22	28	14,0
K- 07 45 00 34	K-07450002 / K-07450004	K-07450007	24 / 25	31	16,0
K- 07 45 00 36	K-07450002 / K-07450004	K-07450007	20,5 / 21,5	27,5	20,0
K- 07 45 00 38	K-07450004	K-07450007	29	35	25,0
K- 07 45 00 40	K-07450003	K-07450006	31	42	33,0
K- 07 45 00 42	K-07450003	K-07450006	32	43	43,0
K- 07 45 00 44	K-07450003	K-07450006	38	49	53,0

**Web:** <http://cat.hansa-flex.com/en/KBALGSAUGER15SILIKON>

**Accessories:**

**K-ANSCHLUSSNIP BALGSAUGER** - Connection nipples for bellows suction pads, round, 1.5 and 2.5 folds

## K-BALGGREIFER 2,5 NBR

### Bellows suction pads, round, 2.5 folds, material NBR



Robust and hard-wearing suction pad with a single sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to compensate varying workpiece heights or uneven surfaces or to handle easily damaged parts. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** Soft, flexible folds, Soft, tapered sealing lips, Support surfaces on the bottom, high suction power, optimum damping effect, very good adaptation to curved or uneven material

**Application:** Handling of highly uneven parts (e.g.tubes),  
Handling of highly sensitive parts

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø
K- 07 45 00 45	K-07450001	K-07450005	18,5	23,5	5,0
K- 07 45 00 47	K-07450002 / K-07450004	K-07450007	19 / 20	26	7,0
K- 07 45 00 49	K-07450002 / K-07450004	K-07450007	20 / 21	27	9,0
K- 07 45 00 51	K-07450002 / K-07450004	K-07450007	26 / 27	33	12,0
K- 07 45 00 53	K-07450002 / K-07450004	K-07450007	27 / 28	34	14,0
K- 07 45 00 55	K-07450002 / K-07450004	K-07450007	27 / 28	34	18,0
K- 07 45 00 57	K-07450002 / K-07450004	K-07450007	27 / 28	34	20,0
K- 07 45 00 59	K-07450004	K-07450007	40	46	25,0
K- 07 45 00 61	K-07450003	K-07450006	41,5	52,5	32,0
K- 07 45 00 63	K-07450003	K-07450006	50	61	42,0
K- 07 45 00 65	K-07450003	K-07450006	53	64	52,0

**Web:** <http://cat.hansa-flex.com/en/KBALGGREIFER25NBR>

#### Accessories:

**K-ANSCHLUSSNIP BALGSAUGER** - Connection nipples for bellows suction pads, round, 1.5 and 2.5 folds

## K-BALGGREIFER 2,5 SILIKON

### Bellows suction pads, round, 2.5 folds, material silicone



Robust and hard-wearing suction pad with a single sealing lip. Used wherever objects (parts, packing materials, etc.) need to be lifted, transported, turned over or handled in some other manner. It is also ideal when it is necessary to compensate varying workpiece heights or uneven surfaces or to handle easily damaged parts. It acts as the connecting element between the vacuum generator and the workpiece.

**Properties:** Soft, flexible folds, Soft, tapered sealing lips, Support surfaces on the bottom, high suction power, optimum damping effect, very good adaptation to curved or uneven material

**Application:** Handling of highly uneven parts (e.g.tubes),  
Handling of highly sensitive parts

**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy. Further information on request

Identification	connection nipple thread external	connection nipple thread internal	overall height with nipple thread external	overall height with nipple thread internal	Ø
K- 07 45 00 46	K-07450001	K-07450005	18,5	23,5	5,0
K- 07 45 00 48	K-07450002 / K-07450004	K-07450007	19 / 20	26	7,0
K- 07 45 00 50	K-07450002 / K-07450004	K-07450007	20 / 21	27	9,0
K- 07 45 00 52	K-07450002 / K-07450004	K-07450007	26 / 27	33	12,0
K- 07 45 00 54	K-07450002 / K-07450004	K-07450007	27 / 28	34	14,0
K- 07 45 00 56	K-07450002 / K-07450004	K-07450007	27 / 28	34	18,0
K- 07 45 00 58	K-07450002 / K-07450004	K-07450007	27 / 28	34	20,0
K- 07 45 00 60	K-07450004	K-07450007	40	46	25,0
K- 07 45 00 62	K-07450003	K-07450006	41,5	52,5	32,0
K- 07 45 00 64	K-07450003	K-07450006	50	61	42,0
K- 07 45 00 66	K-07450003	K-07450006	53	64	52,0

**Web:** <http://cat.hansa-flex.com/en/KBALGGREIFER25SILIKON>

#### Accessories:

**K-ANSCHLUSSNIP BALGSAUGER** - Connection nipples for bellows suction pads, round, 1.5 and 2.5 folds

**K-ANSCHLUSSNIP BALGSAUGER**

Connection nipples for bellows suction pads, round, 1.5 and 2.5 folds

For suction pad diameter: 5 mm



**Note:** Mini-sensor with housing and connection cable, analogue or digital output signal. Minimum size and low weight combined with high measuring accuracy.

Identification	Thread	Length mm	DN
K- 07 45 00 07	G 1/8 female	12,0	3,5
K- 07 45 00 06	G 1/4 female	15,0	4,4
K- 07 45 00 05	M 5 female	5,0	2,0
K- 07 45 00 04	G 1/8 male	6,0	3,5
K- 07 45 00 03	G 1/4 male	4,0	4,4
K- 07 45 00 02	M 5 male	5,0	2,5
K- 07 45 00 01	M 5 male	5,0	2,0



**Web:** <http://cat.hansa-flex.com/en/KANSCHLUSSNIPBALGSAUGER>

**K-FEDERSTOESSEL**

Spring plungers

Suitable for all round or oval suction pads in our standard range.

**Application:** Handling of workpieces with differing heights (eg. Curved metal sheets), Handling of very sensitive workpieces, very soft landing is assured

**Temp. min.:** 0 °C

**Temp. max.:** 80 °C

**Suctionpad thread:** M 3 female

**Design:** Spring plunger with high-strength steel rod, guide sleeve and lower damping spring, Plunger rod with integrated vacuum guide

**Spring travel:** 5,0 mm



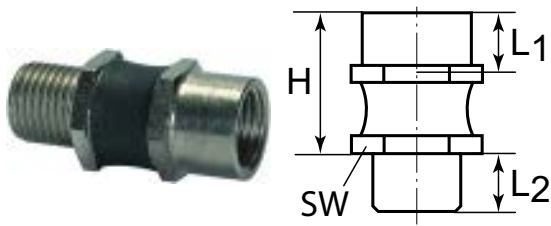
**Note:** Further information on request

Identification	Vacuum inlet	Length mm	vertical load N/m <sup>2</sup>
K- 07 45 00 73	M 3 female	33,5	550
K- 07 45 00 76	M 5 female	41,2	1500
K- 07 45 00 74	M 5 female	47,2	1500
K- 07 45 00 75	M 5 female	59,2	1500
K- 07 45 00 70	G 1/8 female	80,0	3700
K- 07 45 00 71	G 1/8 female	93,0	3700
K- 07 45 00 67	G 1/8 female	95,0	3700
K- 07 45 00 72	G 1/8 female	124,0	2400
K- 07 45 00 68	G 1/8 female	124,5	2400
K- 07 45 00 69	G 1/8 female	154,0	2400

**Web:** <http://cat.hansa-flex.com/en/KFEDERSTOESSEL>

## K-SAUGPLATTENAUFHAENGUNG

### Flexible suction pad mountings



Flexible suction pad mounting. By flexing in all directions, this mounting allows the suction pad to better adapt itself to sloping workpieces.

**Application:** For handling of workpieces with sloping using large-area vacuum gripper, Handling of large plates that can sag when lifting, In combination with spring plungers to compensate height-differences and Unevenness

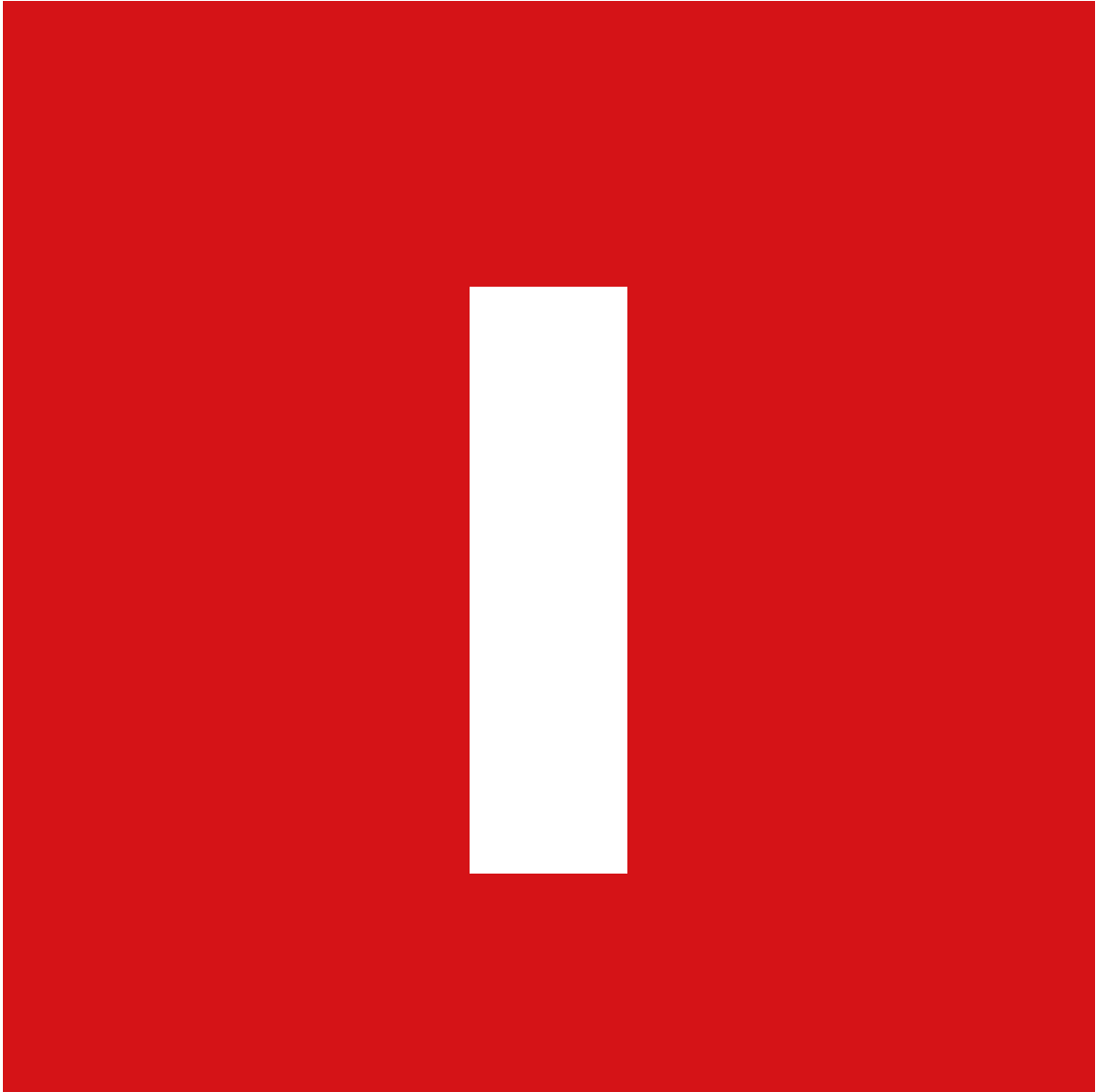
**Special features:** very good adaptation to oblique workpiece surfaces, automatic Rückstellung in die Ausgangslage, vacuum-tight design with integrated protection against damage

**Note:** Further information on request

Identification	Thread 1 female	Thread 2 male	H mm	Material	L1 mm	L2 mm	elbow W °	vertical load N/m <sup>2</sup>	bending moment N/m <sup>2</sup>	AF mm
K-07 45 01 47	G 1/4	M 10 x 1.25	27,0	Steel, rubber	10,5	8,0	12	500	8,0	17
K-07 45 01 48	G 1/4	G 1/4	27,0	Steel, rubber	12,0	12,0	12	750	10,0	17

**Web:** <http://cat.hansa-flex.com/en/KSAUGPLATTENAUFHAENGUNG>





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Reducing nipples - nickel-plated brass	414	Reversible, stainless steel pressure regulators with self-relieving design, stainless steel pressure gauge	1018
Reducing nipples, conical male thread, parallel female thread - nickel-plated brass	415	Rigid adapters with kink protector	63
Reducing nipples, hexagonal	441	Ring nipples, single	351-352
Reducing nipples, long type	403-404, 432	Robust diaphragm pressure gauges, connection radial on bottom	548
Reducing nipples, short type	403, 433	Robust pressure gauges, connection on rear, eccentric	536
Reducing sockets with outer hex - stainless steel	432	Robust pressure gauges, connection radial on bottom	537
Reducing sockets, round	443	Rod eye model	693, 695, 706, 711
Reducing T push-on connectors, POM	395	Rod eye model, »UNIT« type	722, 734
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Rodless cylinders	715-716	Safety couplings DN 7.6, male	177
Rotary actuator for compact cylinder MSQ	1076-1077	Safety couplings DN 7.6, with hose stem	179
Round cylinders, double acting (magnetic, non-cushioned) 693-694		Safety couplings DN 7.8, female	179
Round cylinders, double acting, magnetic, non-cushioned	684-685	Safety couplings DN 7.8, male	180
Round cylinders, double-acting, with magnet, non-cushioned, »MI« Series	728-730	Safety couplings DN 7.8, with hose stem	180
Round cylinders, single-acting (pressureless in the retracted position), with magnet, non-cushioned, »MSI« Series	726-727	SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and 2-piece service unit	849
Rubber ring for claw coupling	212	SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and 2-piece service unit with lock cylinder	904
Rubber ring for MODY coupling	213-214	SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and filter regulator	848-849
Rundzylinder, doppelwirkend (mit Magnet, mit einstellbarer Dämpfung)	686-687	SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and filter regulator with lock cylinder	903
Rust Loosener and Contact Spray	113	SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and pressure regulator	848
Rust Shock	110	SAFETY service unit sets, comprising a ball valve with silencer, start-up valve and pressure regulator with lock cylinder	903
<b>S</b>		Safety valves	676
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Safety couplings DN 10, Außengewinde	181	Screw-in connectors	222-223
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Safety couplings DN 7.2, male	171	Screw-on connector	221-222
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Safety couplings DN 7.4, male, swivel type	173	Sealing cap Ø 80 mm/Ø 110 mm	522
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Safety couplings DN 7.4, stainless steel 1.4404, male, swivel type	175	Sealing plugs	234
Safety couplings DN 7.4, stainless steel 1.4404, with hose stem, swivel type	174	Sealing rings, aluminium, max. temperature 250 °C	104
Safety couplings DN 7.4, with hose stem	171	Sealing rings, copper, max. temperature 250 °C	105
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Safety couplings DN 7.6 »stream line«	178	Sealing rings, polyamide, max. temperature 80 °C	104
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Self-aligning rod coupler	695, 705, 710	Service units, 3-piece with metal bowl and sight glass, metal sight dome	902
Self-sealing nipple with conical valve	242	Service units, 3-piece with metal bowl, incl. sight glass and metal sight dome	937-938
Self-sealing nipples for pressure gauges	550	Service units, 3-piece with metal bowl, sight glass and joiner for wall mounting, fully-automatic drain valve	999
Self-sealing plugs, brass	200	Service units, 3-piece with metal bowl, sight glass and joiner for wall mounting, semi-automatic drain valve	1004
Self-sealing plugs, POM	201	Service units, 3-piece with polycarbonate bowl	883, 900, 936
Sensor for T-slot	704	Service units, 3-piece with polycarbonate bowl and bowl guard	901, 937
Sensor support (with T-slot adapter)	686, 717	Service units, 3-piece with polycarbonate bowl and pressure gauge	957
Sensors »CS1« type, cable with M8 plug	721, 731, 739	Service units, 3-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, fully-automatic drain valve	1004-1005
Sensors »CS1« type, cable without plug	722, 731-732, 738	Service units, 3-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, semi-automatic drain valve	992, 1003
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Service units, 2-piece with metal bowl and sight glass, metal sight dome	899	Sets of gaskets (parts subject to wear)	703-704, 709
Service units, 2-piece with metal bowl, incl. sight glass and metal sight dome	935-936	Shock absorber RB	1087
Service units, 2-piece with metal bowl, sight glass and joiner for wall mounting, fully-automatic drain valve	1002	Short bends 1a, 90°, female/male	477
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Service units, 2-piece with polycarbonate bowl	881, 897, 934	Short-stroke cylinders, double acting (magnetic, non-cushioned)	696-697
Service units, 2-piece with polycarbonate bowl and bowl guard	898, 935	Short-stroke cylinders, double-acting, with magnet, non-cushioned, with female thread, »ACQ« Series	734-737
Service units, 2-piece with polycarbonate bowl and joiner for wall mounting, semi-automatic drain valve	991	Short-stroke cylinders, single-acting (magnetic)	698-699
Service units, 2-piece with polycarbonate bowl and pressure gauge	955	Short-stroke cylinders, single-acting (pressureless in the retracted position), with magnet, non-cushioned, with female thread, »ASQ« Series	737-738
Service units, 2-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, fully-automatic drain valve	1001-1002	Shut-off valves with plug connection	327
Service units, 2-piece with polycarbonate bowl, bowl guard and joiner for wall mounting, semi-automatic drain valve	1000	Shut-off valves, double conical thread, coated	325
Service units, 2-piece with polycarbonate bowl, bowl guard and pressure gauge	846	Shut-off valves, double parallel thread with O-ring	324-325
Service units, 3-piece with metal bowl and metal sight dome	884	Shut-off valves, male thread, plug connection, flow direction to tube, conical thread, coated	326-327
Service units, 3-piece with metal bowl and pressure gauge, metal sight dome	958	Shut-off valves, male thread, plug connection, flow direction to tube, parallel thread with O-ring	326

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Shut-off valves, thread (input) - pipe (output)	823	Spare parts for spray guns	89
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Silencer nozzle, M12x1.25 connection	79	Spare tank »multifix-mini« & »standard-mini«	896
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Silencers with push-in plug (pressure max. 10 bar)	317	Spare tank filters Polycarbonat	980-981
Silencers, sintered bronze, flat design with brass hexagon nut and brass thread	499-500	Spare tank HANSA metal	864-865
Silencers, sintered bronze, flat type with female thread	502-503	Spare tank HANSA polycarbonat	869-870
Silencers, sintered bronze, flat type with male thread, 560 Series	503	Spare tank metal	951
Silencers, sintered bronze, flat type with male thread, 569 Series	500	Spare tank oiler	980
Silencers, sintered bronze, slotted	501-502	Spare tank Polycarbonat	954
Silencers, sintered bronze, with brass hexagon nut and brass thread	499, 501	Spare tank, Basket and screw	951
Silencers, sintered bronze, with hexagon nut	500	Spare tanks »G« Series and »G-mini« Series metal	998
Silicon-Spray	110	Spare tanks »G« Series and »G-mini« Series Polycarbonat	998
Single banjos	380	Special filters with metal bowl and manual drain valve	977
Sintered bronze silencers	498	Special filters with polycarbonate bowl and bowl guard, with semi-automatic drain valve to G 1/2 and manual drain valve from G 3/4	976
Siphons, circular, with male connector on pressure tap side	556	Special filters with polycarbonate bowl, with semi-automatic drain valve to G 1/2 and manual drain valve from G 3/4	975-976
Siphons, circular, with welded connection on pressure tap side	555	Special pneumatic oil	982
Siphons, U-shaped, with male connector on pressure tap side	555	Special PVC pneumatic hose	54
Siphons, U-shaped, with welded connection on pressure tap side	555	Speed controllers, 90°, connection plug, with built-in indicator	1077-1078
Sockets	428	Spiral hose and blow gun kits	73
Sockets 240, reducing, female/female	488	Spiral hose and coupling kit with pushbutton-type safety coupling (DN 7.4) and push-in plug, galvanised steel	42
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Sockets 270, female/female	488	Spiral hose and coupling kit with standard coupling and push-in plug, bare brass	42
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Sockets with outer hex - stainless steel	433	Spiral hose and coupling kits, with safety couplings DN 7.6	44
Sockets, round	444	Spiral hose, with swivel adapter and kink protector	41
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Soft PVC workshop hose kit with mounted pushbutton safety coupling DN 7.4 and nickel-plated brass stem	57	Spiral hose, with swivel adapter fitted at both ends and kink protector	40
Soft PVC workshop hose kits with quick disconnect couplings and stems DN 7.2	56	Spiral hose, without fittings	40
Solenoid	895, 951	Spray guns with plastic cup	76

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Stainless steel ball valves with electric actuator 230 VAC, 50 Hz	657	Start-up valves, power supply 24 V DC, with »HW« mounting bracket and silencer	997, 1013
Stainless steel ball valves with electric actuator 24 VDC	657	Stems and plugs DN 5	199
Stainless steel ball valves, 3-way, with double-acting actuator, L-bore	643	Stems and plugs DN 7.8	198
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Stainless steel ball valves, 3-way, with double-acting actuator, T-bore, normal position T1	644-645	Stems DN 2.7, nickel-plated brass	125
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Stainless steel ball valves, double-acting actuator	642, 646	Stems DN 5, both sides sealing, brass	167
Stainless steel ball valves, single-acting actuator - spring to close	642-643	Stems DN 5, brass with a bare metal surface	133
Stainless steel ball valves, single-acting actuator, spring to close	647	Stems DN 5, stainless steel 1.4305	141
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Standard pressure gauges (sheet steel housing / connection on rear, central)	533	Stop valves, ports 2 and 3 with female thread	842
Standard pressure gauges (sheet steel housing / connection radial on bottom)	533	Stop valves, ports 2 and 3 with plug connection	842
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Standard pressure gauges with 3-hole bezel, chrome-plated steel, dual scale in bar/psi and clamp fixing, connection on rear	535	Straight non-return valves with plug connection	337-338
Standard pressure gauges with black sheet-steel bezel, connection on rear	534	Straight non-return valves, flow direction from port to tube, conical male thread, coated	336
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Straight push-in connector Ø 20 mm – Ø 63 mm with external thread	513	Tees 134, female/female/male	486
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Tee distributors with inner hex, 4 outlets, swivel type, parallel male thread with O-ring	302	T-push-in connector Ø 80 mm/Ø 110 mm	523
Tee distributors with inner hex, 6 outlets, swivel type, conical male thread, coated	303	T-push-in connector Ø 80 mm/Ø 110 mm with integrated gooseneck and reduced outlet with female thread	522
Tee distributors with inner hex, 6 outlets, swivel type, parallel male thread with O-ring	303	T-push-in connector Ø 80 mm/Ø 110 mm with reduced outlet and female thread	523
Tee distributors with parallel male thread, with O-ring, swivel type	301	T-ring nipples	259
Tee distributors with plug connection	311	Tube to hose connector	232
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Tee hose connectors	384	Unequal tees, 3 x female thread	463
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Tees 130, female/female/female	484		

Unidirectional flow control valves with incoming air restriction, adjustable with knurled screw, angled, swivel type, conical male thread, coated	321-322	Union elbows with push-in plug	312-313
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Unidirectional flow control valves with outgoing air restriction, adjustable with knurled screw, angled, swivel type, conical male thread, coated	324	Union elbows with push-in plug, unequal	313
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Unidirectional flow control valves with outgoing air restriction, adjustable, angled, swivel type, parallel male thread with O-ring	323	Union elbows, pipe connection on both sides	449
Unidirectional flow control valves with parallel male thread and plug connection, straight type, air restriction from tube to port	319	Union elbows, reduced	365
Unidirectional flow control valves with plug connection, straight type	320	Union elbows, rigid, conical male thread acc. to ISO 7-1	377
Unidirectional flow control valves, incoming air restriction (»V«), plug-in connector	828, 830	Union elbows, stainless steel	375
Unidirectional flow control valves, incoming air restriction (»V«), quick-lock screw fitting	827-829	Union nut for conical nozzles	240-241
Unidirectional flow control valves, incoming air restriction (»V«), screw connection	827-829	Union tees	253, 266, 307, 341-342, 350, 355, 366, 399
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Union elbow 95, flat seat, female/female, without seal	481	Unions 330, flat seat, female/female, with NBR-seal (NBR with aramide fiber)	492
Union elbow 96, taper seat, female/female	482	Unions 331, flat seat, female/male, with NBR-seal (NBR with aramide fiber)	493
Union elbow 97, flat seat, female/male, without seal	482	Unions 340, taper seat, female/female	493
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Union elbows with aluminium banjo bolt, swivel type	377	Vacuum sensor, analogue	1106
		Vacuum sensor, digital	1106
		Vacuum switch	1108
		Valve discs for HDM valve terminal with 4 mm port	799
		Valve discs for HDM valve terminal with 6 mm port	799
		Valve discs for HDM valve terminal with 8 mm port	800
		Valve replacement kit	1042
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<b>W</b>	
Wall bracket	993
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Water trap tee for 28 mm pipe	101
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# Products

Hydraulic hoses



Hose lines in all nominal diameters and for every field of application

Hydraulic steel tubes



Precision tubes conforming to DIN 2391, deliverable as single items or in series

Hose fittings



Comprehensive range of fittings in stock, custom designs at very short notice

Fittings



Many different dimensions and shapes; available in both steel and stainless steel

Couplings



Available immediately from stock; couplings for every conceivable purpose

Metal & PTFE hoses



Special hose lines for solid, liquid and gaseous media

Bellows & expansion joints



Stainless steel and rubber, standard or custom design for your requirements

Industrial hoses



Hoses, fittings and couplings for industrial applications in many sectors

Preformed hoses



Many standard sizes ex warehouse, custom designs for all geometries

Hydraulic cylinders



Many variants available in standard inventory, custom designs at short notice

Hydraulic components



More than 4,500 components available from stock – supply of ready-to-install groups

Power unit manufacture



Innovative solutions in hydraulic drive and control technology

High pressure flanges



Many designs in all standard alloys permanently in stock – up to 6,000 psi and higher

Measuring systems



Extensive range of measuring systems for fluid Technology – analog or digital

Mounting technology



Deliverable materials: polypropylene, polyamide, solid rubber and aluminium

Adapters



Wide range of adapters for optimum flow conditions

Hydraulic seals



More than 8,000 different sealing systems in stock, custom designs available at short notice

Filtration



Filter technology ensures a smooth operation of plants and machinery



# Services

## Rapid hydraulics service



Full-service mobile rapid hydraulics service – contactable at no charge, any time

## Fluid service



Professional consulting and oil care; provision of filter systems and elements

## Industrial assembly



Scheduled activities to avoid unscheduled stoppages

## Technical consulting



Individual solutions tuned precisely to the needs of our customers

## Engineering/ Project planning



Planning for entire hydraulic systems – all from a single source

## Cylinder repair



Manufacturer-independent repair of cylinders, pumps, motors and valves

## Workshop containers



Mobile workshop containers for extreme application areas

## Plant-in-plant production



Production facility at the customer's site – perfect synchronisation, rapid response times

## Kitting



Ready-to-install, pre-assembled sets – individually adapted to the customer's needs

## Kanban



Everything permanently in stock – structured inventory maintained at customer's site

## Customer training



Wide-ranging seminar programme on all aspects of fluid technology, also conducted at customer's site

## Hose identification



Replacement parts procurement without delay with X-CODE – unique, fast

## Online-Shop



24/7 easy shopping, 80,000 items in stock:  
[www.hansa-flex.com/shop](http://www.hansa-flex.com/shop)







**Catalogue 1:  
Hose Technology**

Hoses	
Hose fittings	
Couplings	
Measuring equipment	



**Catalogue 2:  
Connection Technology**

Pipe fittings ISO 8434-1	Mounting technology
Pipes	Accessories and tools
Adapters	
Flanges	
Ball valves	
Measuring equipment	



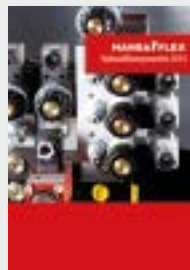
**Catalogue 3:  
Industrial Technology**

Hoses	Compressed air technology
Hose fittings	Fluid service
Couplings	Accessories and tools
Ball valves	
Mounting technology	
Water technology	



**Metallschläuche**

Ringwell- schläuche	PTFE-Schläuche
Wickelschläuche	Kompensatoren
Schlauchschutz	
Informationen zu statischer Aufladung	
Materialien im Lebens- mittelbereich	
PTFE-Schläuche	



**Hydraulikkomponenten**

Pumpen	Filter
Motoren	Messgeräte
Ventile	700 bar
Speicher	Zylinder
Kühler	Aggregate
Tanks	



**Dichtungstechnik**

Hydraulik- dichtungen	Dichtungsprofile
Pneumatik- dichtungen	Werkstoffdaten
Dichtsätze und Messmittel	
Statische Dichtungen	
Flachdichtungen	
Dichtungs- Sofortservice	



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HANSA-FLEX AG  
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