



- 3/2-way pressure controlled valve
- NC - Valve normally closed (as standard)
- NO - Valve normally open (as option)
- DW - Valve with double acting actuator (as option)

Direct pressure controlled valve.

The valve seat is opened against a spring force via the control medium.

■ Valve for clean, gaseous and liquid media

TECHNICAL SPECIFICATIONS

Type of control	Direct pressure operated
Design	Poppet design
Connection	Flanges DN15 - DN150 EN 1092-1 Form B1/B2
Installation	Preferable with actuator upright
Pressure	0 - 16 bar (see table on page 2)
Medium	Clean, neutral gaseous and liquid media
Max. viscosity	400 mm ² /s
Temperature range	Medium: -40 °C / +200 °C Environment: -10 °C / +60 °C
Body material	Ductile cast EN-GJS-400-18-LT Cast iron EN-GJL-250 Cast steel GP240 GH
Metallic inner parts	Brass and st. steel
Sealing	NBR, PTFE
Pilot pressure	4 - 10 bar max. pressure range at min. 6 bar
Pilot medium	Clean, neutral gaseous Other pilot media on request

VALVE FEATURES

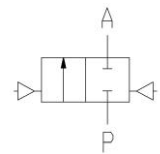
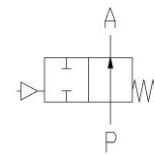
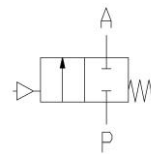
- No pressure difference required
- High life time
- High-quality materials
- Reliable and sturdy sealing elements
- Long-term availability of spare parts
- NO - non-pressurized open as option
- DW - double acting as option

FUNCTION

NC – non pressurized closed

NO – non pressurized open

DW - double acting



CERTIFICATES



2/131-31-1702-C182
3/2-way direct operated, NC
G1/8, orifice 1.5mm, 0-8 bar
Aluminum / Stainless steel / FKM
with Cnomo-coil as well as with
integrated screw connection for
easy assembly

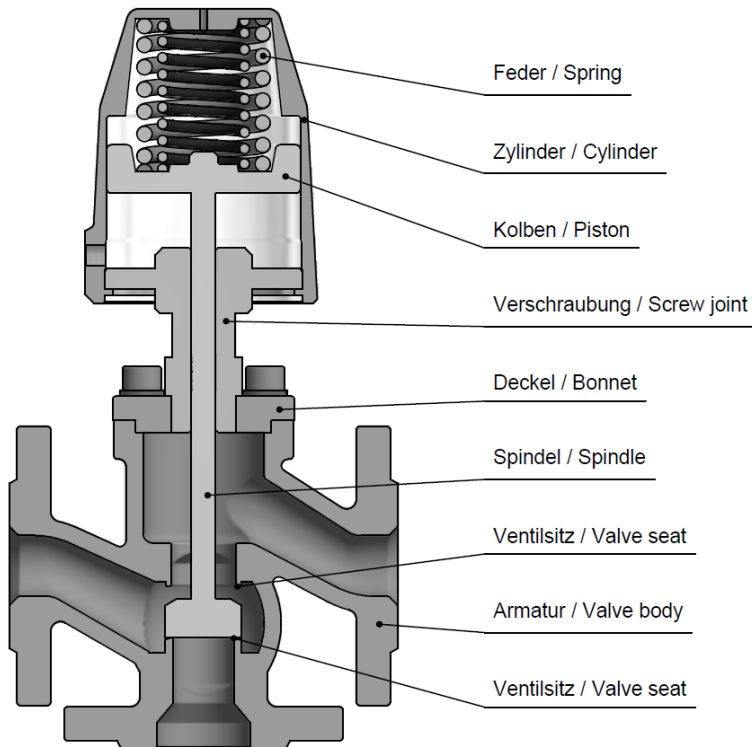
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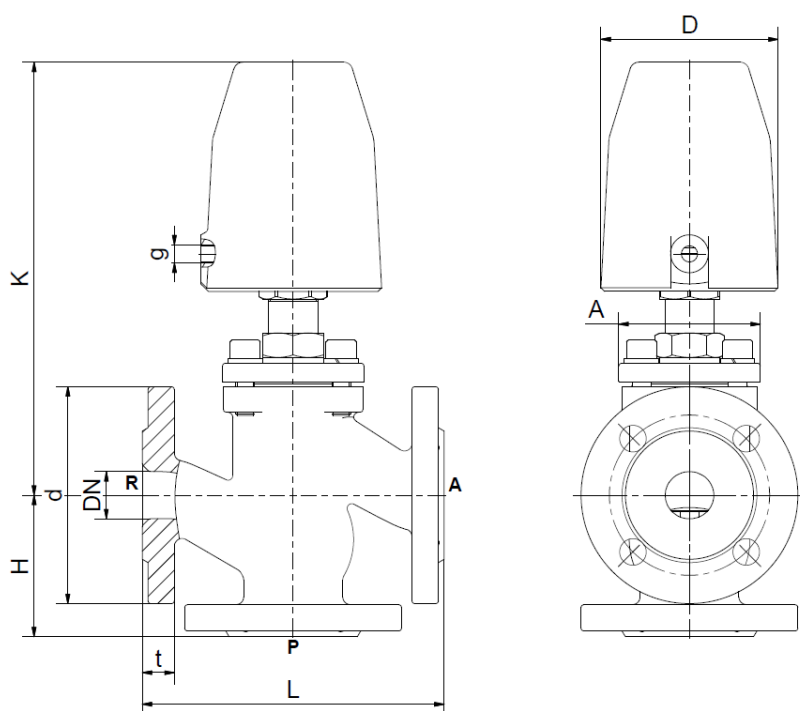
3/2-way direct operated, NC
G1/8, orifice 1.5mm, 0-8 bar
brass / st. steel / FKM

TECHNICAL FEATURES

				max. pressure with actuator					
DN	Seat Ø mm	Kv-value m³/h	Standard type	7.05		7.08		7.13	
				NC	UN	NC	UN	NC	UN
15	21	6,8	.7901/0501/	0-5	0-4	0-16	0-12	-	-
20	21	8,8	.7902/..01/	0-5	0-4	0-16	0-12	-	-
25	27	11,5	.7903/..01/	0-3	0-3	0-14	0-8	0-16	0-16
32	31	18,0	.7904/..01/	-	-	0-9	0-8	0-16	0-16
40	41	26,0	.7905/..01/	-	-	0-3	0-3	0-16	0-16
50	51	38,0	.7906/..01/	-	-	0-2	0-2	0-16	0-16
65	66	62,0	.7907/..01/	-	-	-	-	0-16	0-15
80	80		.7908/..01/	-	-	-	-	0-10	0-10
100	100		.7909/..01/	-	-	-	-	0-10	0-10
125	125		.7910/..01/	-	-	-	-	0-8	0-8
150	150		.7911/..01/	-	-	-	-	0-8	0-8



DIMENSIONS



Actuat.	7.05			7.08					
Type	.7901	.7902	.7903	.7901	.7902	.7903	.7904	.7905	.7906
DN	15	20	25	15	20	25	32	40	50
A	75	75	75	75	75	75	75	90	100
d	95	105	115	95	105	115	140	150	165
D	62	62	62	94	94	94	94	94	94
H	65	70	75	65	70	75	75	90	100
K	205	205	196	226	226	230	255	265	260
L	130	150	160	130	150	160	180	200	230
g	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
t	14	16	17	14	16	17	18	19	21
kg	4,5	5,5	6,7	4,8	6,0	7,0	10,0	12,5	15,0

Actuat.	7.13								
Type	.7903	.7904	.7905	.7906	.7907	.7908	.7909	.7910	.7911
DN	25	32	40	50	65	80	100	125	150
A	75	75	90	100	112	136	195	235	295
d	115	140	150	165	185	200	220	270	300
D	141	141	141	141	141	141	141	141	141
H	75	75	90	100	120	130	150	200	300
K	315	340	360	370	390	415	430	470	460
L	160	180	200	230	290	310	350	400	480
g	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
t	17	18	19	21	22	24	25	26	28
kg	10,0	12,5	16,5	18,5	26,5	34,0	48,0	77,0	134,0

INFORMATION

- It is imperative to observe the installation and safety instructions in our operating and service manuals.
- Required ordering information: valve type, function NC/NO, pressure range, connection, nominal width, medium, flow rate, medium and ambient temperatures, connection voltage.
- **For information on the heating and performance of solenoid coils, refer to the corresponding "Coils" data sheet.**
- **Detailed production-specific drawings and other technical information will be made available when an order is placed.**

PLEASE NOTE

Each individual application decides which valve type is required, the main factor being the resistance of the materials to the operating medium. The correct selection of materials requires knowledge of the concentration, temperature and degree of contamination of the medium. Other criteria include the operating pressure and max. volumetric flow, since, in addition to high temperatures, high pressures and high flow rates must also be taken into account when selecting the materials.

All materials used for our valves, be it housing, seals or magnets, will be carefully selected in view of the different application areas. Any information given is non-binding and serves for orientation only. No claims under warranty can be derived therefrom.

ORDERING CODE

Type	Connection		Body	Sealing		Actuator		Option	
. 79	0 3	/	0 4	0 1	/	7 0	1 3	-	X X
01	DN15		03	EN-GJS-400-18-LT		7 .	Closed wo/ press.	HA	manual override
02	DN20		04	EN-GJL-250		8 .	Open wo/ press.	AF	ANSI Flanges
03	DN25		05	GP240 GH		9 .	double-acting		
04	DN32					. 0	Standard-Actuat.		
05	DN40			01	NBR	. 3	Actuat.-St.steel		
06	DN50			04	PTFE	. 5	Actuat.nickel-pl.		
07	DN65					. 5	50 mm		
08	DN80					. 8	80 mm		
09	DN100					. 3	125 mm		
10	DN125								
11	DN150								