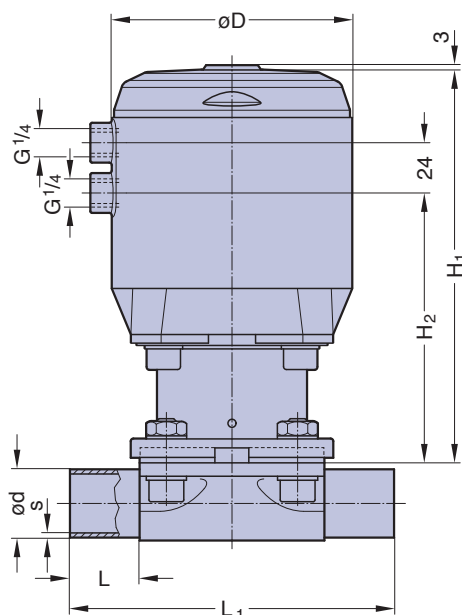


Pneumatically Operated Valve DN 15 - 50 mm (3/4" - 2 1/2")



Cf. 4, 5 & 6



Features

- Plastic piston actuator with stainless steel distance piece
- Compact design
- Control air connection in flow direction
- CDSA sealing concept, see page 32
- Flexible diaphragm suspension
- Encapsulated diaphragm

Optional

- Available with a wide range of control equipment and accessories see page 118 to 125, also for retrofitting
- Control air connection 90° to flow direction

Technical Data

Control function (Cf.): Pneumatically operated
 Fail safe close (NC): Cf. 1 & 4
 Fail safe open (NO): Cf. 2 & 5
 Double acting (DA): Cf. 3 & 6

Direction

Control connection: At Cf. 4, 5 & 6, in flow direction, standard
 At Cf. 1, 2 & 3, 90° to flow direction

Max. working pressure: Unidirectional (delta p = 100%)
 EPDM Diaphragm 10 bar (150 psi)
 PTFE Diaphragm 8 bar (115 psi)

Higher working pressure may be achieved with different actuator. Please consult a SED factory representative for working pressure above the indicated maximum.

Max. working temperature: 160°C (320°F) dependent on application

Control pressure: Cf. 1 & 4 4,5 - 7 bar (65 - 100 psi)
 Cf. 2, 3, 5 & 6 4 - 5 bar (60 - 72 psi)

Diaphragm material: EPDM or PTFE

Valve body material: Forged 1.4435/ 316 L ASME/BPE
 Investment cast 1.4435/ 316 L
 Other alloys

End connection: Butt weld ends see fold out page 21
 Clamps and flanges see page 22 and 23
 Special ends

Actuators suitable for: Two-Way bodies
 Welded configurations
 T-bodies
 Multipoint bodies
 Tank bottom bodies

Flow rate: Kv in m³/h (Cv in GPM) see page 9

Diaphragm size: MA see table below

Technical data also valid for multipoint valve.

Butt weld ends
 MA 25 - 50
 Fold out page 21

DN (mm)	MA	Dimensions (mm)					Total weight ca. (kg)		Filling volume (NL)	
		L	L ₁	H ₁	H ₂	D	Investment cast	Forged	NC	NO/DA
15-25	25	25	120	160	107	95	1,9	2,0	0,17	0,20
32-40	40	25	153	190	129	115	3,9	4,2	0,31	0,34
50	50	30	173	236	171	144	7,0	8,0	0,68	0,80

Valve type overview see page 26 and 27.
 Ordering key see page 59 to 61..