

Pneumatically Operated Valve DN 8 - 20 mm (3/8" - 3/4")

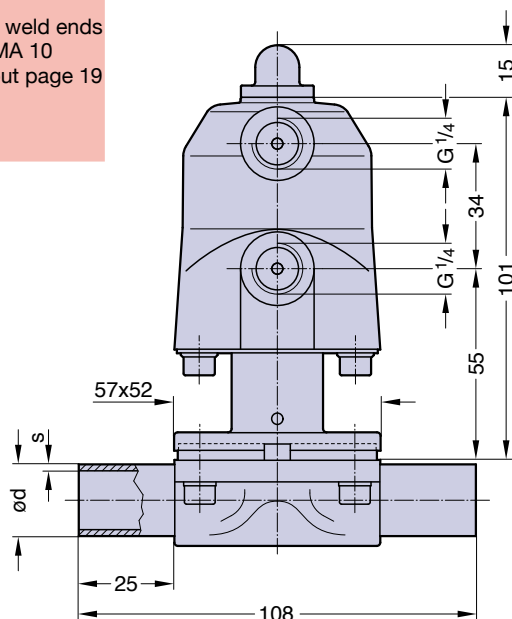


Cf. 1, 2 & 3



Cf. 4 & 5

Butt weld ends
MA 10
Fold out page 19



Features

- Efficient plastic piston actuator with stainless steel distance piece
- Control air connection 90° to flow direction
- Flexible diaphragm suspension
- Encapsulated diaphragm
- Optical indicator
- Compact design, the outside diameter of the actuator is the same size as the bonnet flange
- CDSA sealing concept, see page 30

Optional

- Available with a wide range of control equipment and accessories see page 102 to 108, also for retrofitting
- Control air connection in 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
Direction	
Control connection:	At Cf. 1, 2 & 3, 90° to flow direction, standard
Max. working pressure:	Unidirectional (delta p = 100%) EPDM diaphragm 8 bar (115 psi) PTFE diaphragm 7 bar (100 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 4,2 - 7 bar (60 - 100 psi) Cf. 2, 3 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 19 Clamps and flanges see page 20 and 21 Special ends
Actuators suitable for:	Two-Way bodies Welded configurations T-bodies Multiport bodies Tank bottom bodies
Flow rate:	Kv in m ³ /h (Cv in GPM) see page 9
Diaphragm size:	MA 10
Weight:	ca. 0,8 kg
Technical data also valid for multiport valve.	

Ordering key see page 56.