



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



Cf. 1, 2 & 3

Features

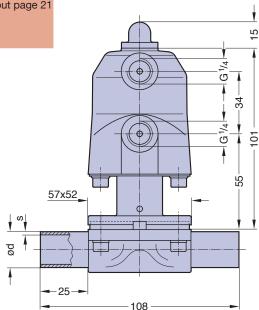
- Efficient plastic piston actuator with stainless steel distance piece
- Control air connection 90° to flow direction
- Flexible diaphragm suspension
- Encapsulated diaphragm
- Optical indicator
- Compact design, the outside diameter of the actuator is the same size as the bonnet flange
- CDSA sealing concept, see page 32

Optional

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



Butt weld ends MA 10 Fold out page 21



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

Forged 1.4435/316 L ASME/BPE Valve body material:

Investment cast 1.4435/316 L

Other allovs

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

Multiport bodies Tank bottom bodies

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

MA 10 Diaphragm size: Weight: ca. 0,8 kg Technical data also valid for multiport valve.

DN		Filling volume (NL)	
(mm)	MA	NC	NO/DA
8-20	10	0,027	0,027

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







