## 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 21


## Features

- Efficient plastic piston actuator with stainless steel distance piece
- Control air connection $90^{\circ}$ 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


## 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 \& $3,90^{\circ}$ 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: $160^{\circ} \mathrm{C}\left(320^{\circ} \mathrm{F}\right)$ dependent on application

| Control pressure: | Cf. 1 | $4,2-7 \operatorname{bar}(60-100 \mathrm{psi})$ |
| :--- | :--- | ---: |
|  | Cf. 2, 3 | $4-5 \operatorname{bar}(60-72 \mathrm{psi})$ |

Diaphragm material:
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
Multiport bodies
Tank bottom bodies
Flow rate:
Kv in $\mathrm{m}^{3} / \mathrm{h}$ (Cv in GPM) see page 9
Diaphragm size: MA 10
Weight: ca. $0,8 \mathrm{~kg}$
Technical data also valid for multiport valve.

| DN <br> $(\mathrm{mm})$ |  | Filling volume (NL) |  |
| :---: | :---: | :---: | :---: |
|  | MA | NC | NO/DA |
| $8-20$ | 10 | 0,027 | 0,027 |

