

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

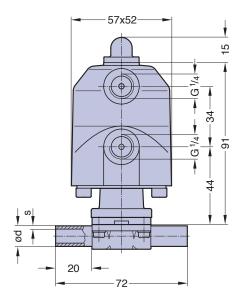


Cf. 1, 2 & 3

## Butt weld ends MA 8 Fold out page 21



Cf. 4, 5 & 6



#### Features

- Efficient plastic piston actuator with stainless steel distance piece
- Direction of control air connection is mountable in 90° rotations
- CDSA sealing concept, see page 32
- Flexible diaphragm suspension
- Optical indicator

#### Optional

- Available with a wide range of control equipment and accessories see page 118 to 125, also for retrofitting

### **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. 1, 2 & 3, 90° to flow direction, standard At Cf. 4, 5 & 6 in flow direction
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 4 - 7 bar (60 - 100 psi)
	Cf. 2, 3, 5 & 6 3,5 - 4,5 bar (50 - 65 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
	Multiport bodies
	Tank bottom bodies
Flow rate:	Kv in m <sup>3</sup> /h (Cv in GPM) see page 9
Diaphragm size:	MA 8
Weight:	ca. 0,5 kg
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Technical data also valid for multiport valve.

DN		Filling volume (NL)		
(mm)	MA	NC	NO/DA	
4-15	8	0,027	0,027	

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

