## **KMD 188**

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



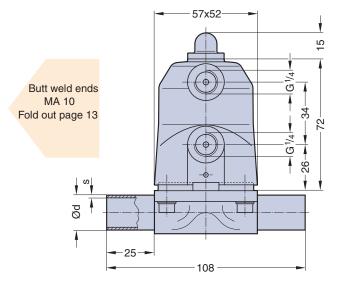
Cf. 1, 2 & 3

## **Features**

- Efficient thermoplastic piston actuator direct assembled with the valve body
- Compact design, the outside diameter of the actuator is the same size as the bonnet flange
- Actuator high resistance to heat transfer
- Smooth exterior design ideal for wash downs
- Control air connection 90° to flow direction
- Encapsulated diaphragm
- Optical indicator

## **Optional**

- Available with a wide range of control equipment and accessories see page 57 to 62, also for retrofitting
- Control air connection in flow direction



**Technical Data** 

Control function (Cf.): Pneumatically operated

Normally closed (NC): Cf. 1 & 4 Normally open (NO): Cf. 2 & 5 Double acting (DA): Cf. 3

Direction

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

At Cf. 4 & 5 in flow direction Unidirectional (delta p = 100%)

Max. working pressure: Unidirectional (delta p = 100%)
EPDM diaphragm 8 bar (120 psi)
PTFE diaphragm 7 bar (100 psi)

Higher working pressure may be achieved with different actuator.

Please contact us for working pressure above the indicated maximum.

Max. working temperature: Standard 80°C (176°F)

HS-Version 150°C (300°F) dependent on application

Control pressure: Cf. 1 & 4 4 - 7 bar (60 - 100 psi)

Cf. 2, 3 & 5 4 - 5 bar (60 - 70 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 13

Clamps and flanges see page 14 and 15

Special ends

Actuators suitable for: Two-Way bodies

Welded configurations

Flow rate: Kv in m<sup>3</sup>/h (Cv in GPM) see page 7

Diaphragm size: MA 10 all sizes

