KMA 190

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



Cf. 1, 2 & 3

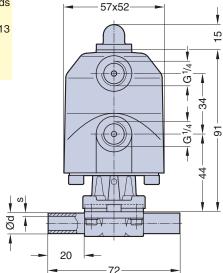
Features

- Efficient thermoplastic piston actuator with stainless steel distance piece
- Direction of control air connection is mountable in 90° rotations
- Circumferential, defined sealing angle between process diaphragm and valve body
- Flexible diaphragm suspension
- Encapsulated diaphragm
- Optical indicator

Optional

 - Available with a wide range of control equipment and accessories see page 57 to 62, also for retrofitting

Butt weld ends MA 8 Fold out page 13



Technical Data

Control function (Cf.): Pneumatically operated

Normally closed (NC): Cf. 1 & 4 Normally 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 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: 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 13

Clamps and flanges see page 14 and 15

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 7

Diaphragm size: MA 8 all sizes

