

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

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
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 m ³ /h (Cv in GPM) see page 7
Diaphragm size:	MA 8 all sizes

Butt weld ends
MA 8
Fold out page 13

