KMA 395

Pneumatically Operated Valve DN 15 - 50 mm (3/4" - 2 1/2")

Cf. 4, 5 & 6
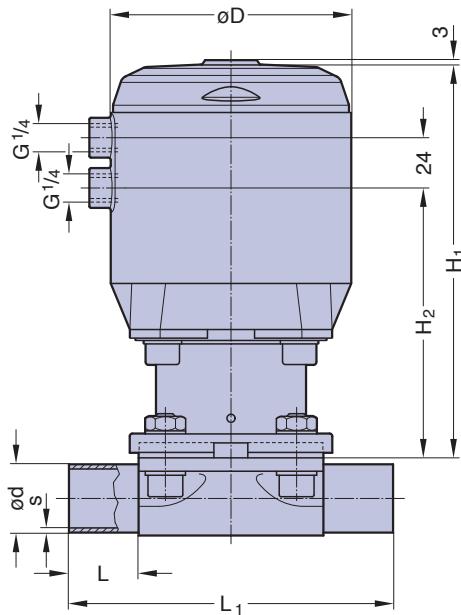
Features
- **Plastic piston actuator with stainless steel distance piece**
- Compact design
- Control air connection in flow direction
- CDSA sealing concept, see page 32
- Flexible diaphragm suspension
- Encapsulated diaphragm

Optional
- Available with a wide range of control equipment and accessories see page 118 to 125, also for retrofitting
- Control air connection 90° to 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 & **6**
Direction	
Control connection:	At Cf. 4, 5 & 6, in flow direction, standard
	At Cf. 1, 2 & 3, 90° to flow direction
Max. working pressure:	Unidirectional (delta p = 100%)
	EPDM Diaphragm 10 bar (150 psi)
	PTFE Diaphragm 8 bar (115 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 4,5 - 7 bar (65 - 100 psi)
	Cf. 2, 3, 5 & 6 4 - 5 bar (60 - 72 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 m³/h (Cv in GPM) see page 9
Diaphragm size:	MA see table below

Technical data also valid for multiport valve.

DN		Dimensions (mm)					Total weight ca. (kg)		Filling volume (NL)	
(mm)	MA	L	L_1	H_1	H_2	D	Investment cast	Forged	NC	NO/DA
15-25	25	25	120	160	107	95	1,9	2,0	0,17	0,20
32-40	40	25	153	190	129	115	3,9	4,2	0,31	0,34
50	50	30	173	236	171	144	7,0	8,0	0,68	0,80

Aseptic Diaphragm Valves

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