

Steripur 317

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



Cf. 4

Features

- High cycle stainless steel piston actuator
- Compact design, the outside diameter of the actuator is the same size as the bonnet flange
- Advantages in multiport bodies and manifold valve assemblies
- Control air connection in flow direction
- CDSA sealing concept, see page 32
- Flexible diaphragm suspension
- Encapsulated diaphragm
- Clean and polished exterior design ideal for sterile wash downs

Optional

- Available with a wide range of control equipment and accessories see page 132 to 139, also for retrofitting
- Control air connection 90° to flow direction
- Autoclavable

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
 At control function NO/DA higher control pressure than required may affect the lifetime of the working diaphragm.

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 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 4,2 - 7 bar (60 - 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 to 24
 Special ends

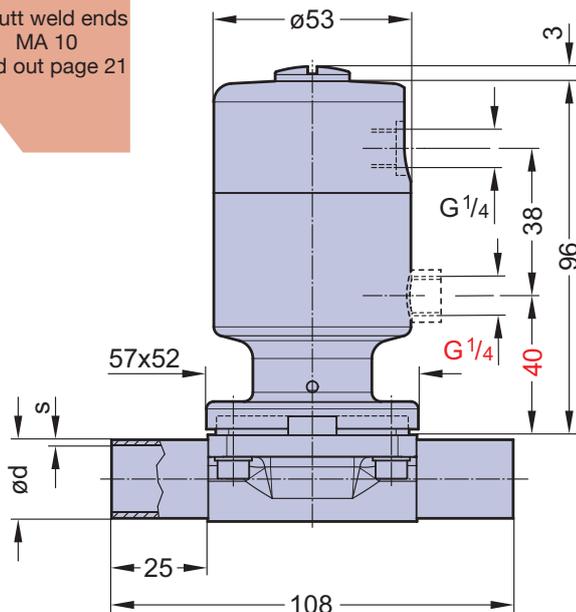
Actuators suitable for: Two-Way bodies
 Welded configurations
 T-bodies
 Multiport bodies
 Tank bottom bodies

Flow rate: Kv in m³/h (Cv in GPM) see page 9
 Diaphragm size: MA 10
 Weight: ca. 1,0 kg

Technical data also valid for multiport valve.

DN (mm)	MA	Filling volume (NL)	
		NC	NO/DA
8-20	25	0,035	0,030

Butt weld ends
 MA 10
 Fold out page 21



Red indicated values for DA Version

Valve type overview see page 26 and 27.
 Ordering key see page 66 to 68.