

MF – Series Bellows Manifolds

Oven-Safe Bellows Manifold Shut-Off Valve - 250°C

Features

Design

- Multiport configurations, offering wide range of use.
- Various fitting configurations with standard Moduline dimensions.
- Rigid mechanical connection between stem tip and actuator.
- All tube connections are TIG orbital welded.

Materials

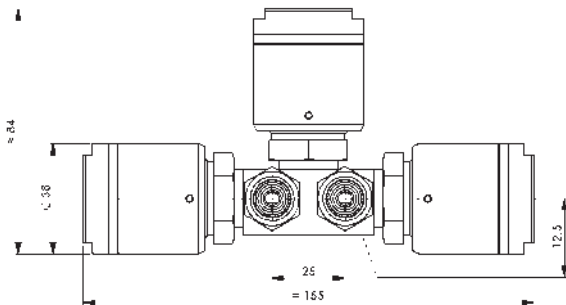
- Wetted area 316L Stainless Steel
- Surface finish Ra ≤ 0.4µm ; Ra ≤ 0.2µm on request
- Body and bellows 316L Stainless Steel
- Non rotating stem tip Vespel
- O-ring (body / actuator) Silvered 316L Stainless Steel

Actuator Design

- Pneumatic NO or NC, manual, ¼ turn or toggle.
- Permanent color identification for NO or NC.

Options & Accessories

- Hastelloy body for corrosive gases.



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Ratings

Specifications

Flow coefficient (1/4")	Cv=0.2
Orifice size (1/4")	3.5 mm
Flow coefficient (1/2")	Cv=1.0
Orifice size (1/2")	10 mm

Temperature

Operating 0 °C to 250 °C

Pressure Ratings

Operating Vacuum to 15 bar

Valve Life Expectancy

> 200,000 cycles

Helium Leak Rate

External sealing	<2.10-10 atm cm ³ /s
Internal sealing	<1.10-9 atm cm ³ /s

