



# MF - Series Diaphragm Manifolds

## Diaphragm Manifold Valve

### Ratings

#### Specifications

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Flow coefficient (1/4")	Cv = 0.2
Orifice size (1/4")	3.5 mm
Flow coefficient (3/8")	Cv = 0.6
Orifice size (3/8")	8 mm

#### Temperature

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Operating ..... 0 °C to 250 °C, depending on the model

#### Pressure Ratings

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Operating ..... Vacuum to 200 bar, depending on the model

#### Valve Life Expectancy

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- > 1,000,000 cycles with non-corrosive gas.
- > 500,000 cycles with corrosive gas and Hastelloy® bellows (option).
- > 200,000 for High temperature model (250°C)

#### Helium Leak Rate

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

