

Diaphragm Valve With Pipe To Pipe Fitting

Design

Actuator Design

- High pressure.
- High temperature.
- Hastelloy body for corrosive gases.
- Position indicators for pneumatic operators.
- Security locker for manual toggle.
- Pneumatic fittings.

D – Series Diaphragm Valves

Diaphragm Valve With Pipe To Pipe Fitting

Ratings

Specifications

Flow coefficient (for two way valve)..... Cv=0.14

Orifice size (for two way valve) 3.5 mm

Temperature

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

Pressure Ratings

Operating Vacuum to 200 bar, depending on the model

Valve Life Expectancy

> 1,000,000 cycles with non-corrosive gas.

> 500,000 cycles with corrosive gas (option).

> 200,000 cycles for high temperature (250°C)

Helium Leak Rate

External sealing <2.10⁻¹⁰ atm cm³/s

Internal sealing <1.10⁻⁹ atm cm³/s

