

Diaphragm High Temperature Valve - 150°C

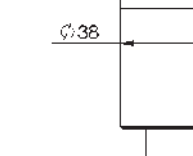
Design

All tube connections are TIG orbital welded.



Actuator Design

Options & Accessories



Technical drawing of the 1000 Series 1/2" valve. The drawing shows a side view and a top view. The side view indicates a total height of 90.6 mm and a central body diameter of $\varnothing 38$ mm. The top view shows a square base with a width of 82.5 mm and a mounting flange with a height of 12.5 mm. A small circle with the number 1 is located on the top view, indicating a specific feature or port.

D – Series Diaphragm Valves

Diaphragm High Temperature Valve - 150°C

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 150 °C

Pressure Ratings

Operating Vacuum to 15 bar, depending on the model

Valve Life Expectancy

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

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

Helium Leak Rate

External sealing <2.10⁻¹⁰ atm cm³/s

Internal sealing <1.10⁻⁹ atm cm³/s

