

B - Series Bellows Valves

High Temperature Remote Actuator Valve - 250°C

Features

Design

Hastelloy body for exceptional corrosion resistance and high temperature working conditions.
Remote pneumatic actuator to allow high temperature gas flow thru the valve.

Materials

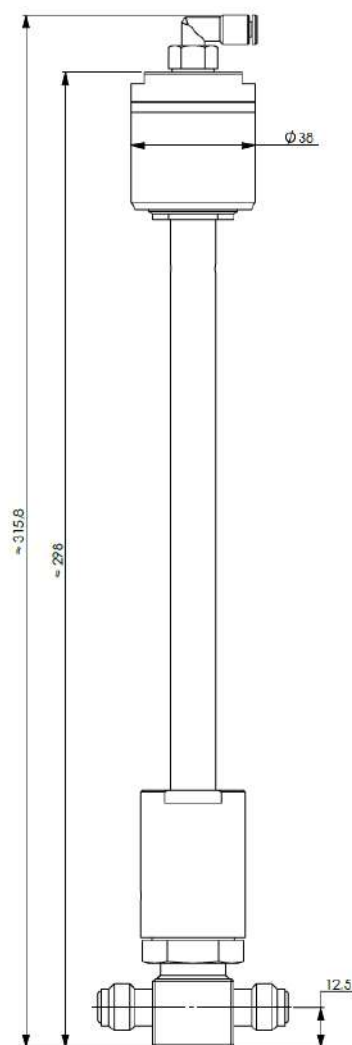
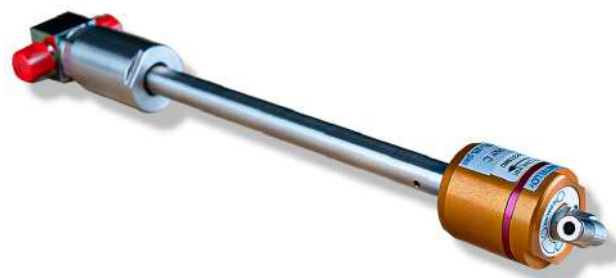
Surface finish $Ra \leq 0.4\mu m$; $Ra \leq 0.2\mu m$ on request
Body and bellows Hastelloy
Non rotating stem tip 30% glass filled PTFE
O-ring (body / actuator) Nickel

Actuator Design

Pneumatic NO or NC.
Permanent color identification for NO or NC.
Golden anodized actuator in aluminum.

Options & Accessories

Pneumatic fittings.



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Ratings

Specifications

Flow coefficient (for two way valve)..... Cv=0.21
Orifice size (for two way valve) 3.5 mm

Gas Temperature

Operating 0 °C to 250 °C

Pressure Ratings

Operating Vacuum to 15 bar

Valve Life Expectancy

> 500,000 cycles

Helium Leak Rate

External sealing <2.10⁻¹⁰ atm cm³/s
Internal sealing <1.10⁻⁷ atm cm³/s

