

B - Series Bellows Valves

High Temperature Remote Actuator Valve

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

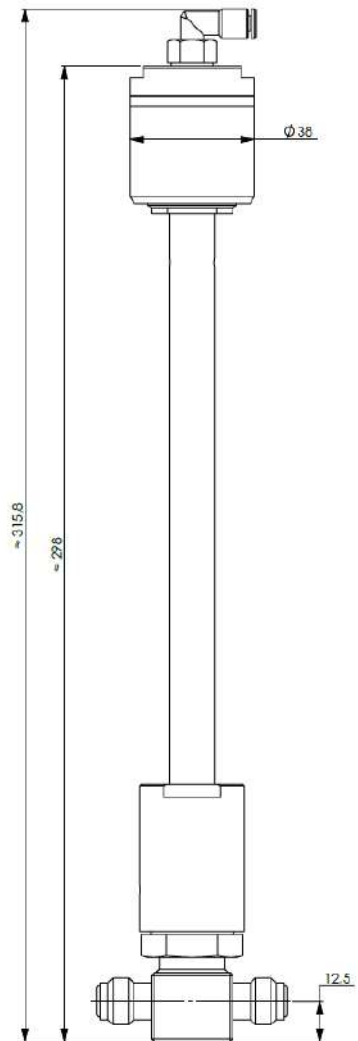
Surface finish $Ra \leq 0.4\mu m$; $Ra \leq 0.2\mu m$ on request
 Body and bellows Hastelloy
 Non rotating stem tip 30% glass filled PTFE
 O-ring (body / actuator) Nickel

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

