

Bellows High Temperature Valve - 150°C

Design

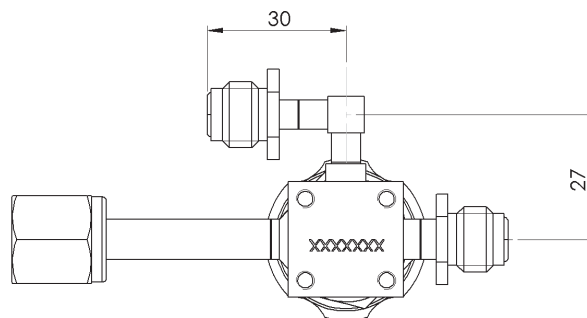
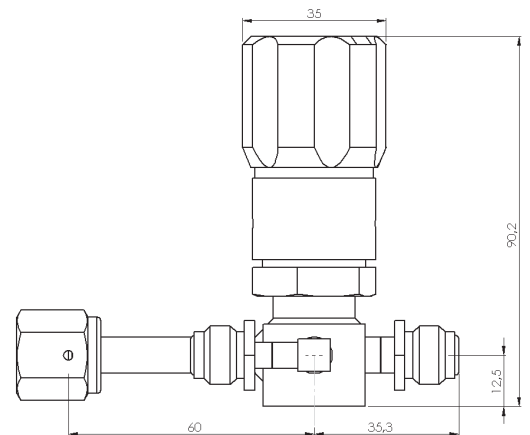
All tube connections are TIG orbital welded.



Wetted area	316L Stainless Steel
Surface finish	Ra ≤ 0.4µm ; Ra ≤ 0.2µm on request
Body and bellows	316L Stainless Steel Hastelloy for corrosive gases (option)
Seat	Kel-F, Vespel (option)
O-ring (body / actuator)	Silvered 316L Stainless Steel

Pneumatic NO or NC, manual, ¼ turn or toggle.
Permanent color identification for NO or NC.
Blue anodized actuator in aluminum.

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



B – Series Bellows Valves

Bellows High Temperature Valve – 150°C

Ratings

Specifications

Flow coefficient (for two way valve) Cv=0.21

Orifice size (for two way valve) 3.5 mm

Temperature

Operating 0 °C to 150 °C

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 and Hastelloy® bellows (option).

Helium Leak Rate

External sealing <2.10⁻¹⁰ atm cm³/s

Internal sealing <1.10⁻⁹ atm cm³/s

