



# B - Series Bellows Valves

## High Pressure Bellows Shut-Off Valve

### Ratings

#### Specifications

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

#### Temperature

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Operating ..... 0 °C to 70 °C

#### Pressure Ratings

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Operating ..... Vacuum to 200 bar

#### Valve Life Expectancy

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> 1,000,000 cycles with non-corrosive gas.  
 > 500,000 cycles with corrosive gas and Hastelloy® bellows (option).

#### Helium Leak Rate

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External sealing ..... <2.10<sup>-10</sup> atm cm<sup>3</sup>/s  
 Internal sealing ..... <1.10<sup>-9</sup> atm cm<sup>3</sup>/s

