

GENERAL APPLICATIONS

Thanks to their unique combination of control, reliability and compactness, CVB BV Series valves have excellence performances, easy maintenance, in order to provide reliability and serviceability.

Ball valves features and design make them fit for purpose in tight shut-off, critical high pressure, high temperature or cryogenic, throttling and isolation duties.

CVB Ball valves are available in the following designs: Floating and Trunnion with body in 3 pieces, side or top entry, double block and bleed and Cryogenic.



CORE FEATURES

- Soft or metal seated
- Full or reduced bore
- Bidirectional or unidirectional
- Self relieving or double piston
- Anti blow-out stem
- Antistatic device
- Fire safe

BENEFITS OF BV SERIES

Metal seat design to:

- Prevent wear
- Guarantee zero leakage
- Guarantee longer service life
- Allow for low operating torques
- Achieve tight seal from bi-directional pressure
- Resist to corrosion and erosion

Soft seat design to:

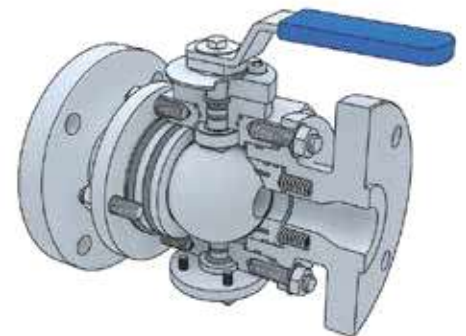
- Prevent wear
- Guarantee zero leakage
- Allow for low operating torques

Adjustable stuffing box to:

- Allow flushing
- Provide additional sealing
- Allow leakage control
- Guarantee monitoring

Actuation:

- Top flange allows easy coupling to manual, pneumatic and electric actuators
- ISO 5211 standard



BODY STYLES

- BV-F
3 pieces - Side Entry - Double Block and Bleed
- BV-T
3 pieces - Top Entry - Double Block and Bleed - Cryogenic

PRODUCTION RANGE

- BV-F 2P 1/2" - 4" ANSI Cl.150 - 2500
- BV-F 3P 1/2" - 8" ANSI Cl.150 - 2500
- BV-F SE 1/2" - 8" ANSI Cl.150 - 2500
- BV-F DBB 1/2" - 8" ANSI Cl.150 - 2500

- BV-T 3P 1/2" - 36" ANSI Cl.150 - 2500
larger size upon request
- BV-T TE 2" - 36" ANSI Cl.150 - 2500
larger size upon request
- BV-T DBB 2" - 36" ANSI Cl.150 - 2500
larger size upon request
- BV-T Cryo 2" - 32" ANSI Cl.150 - 2500
larger size upon request

RATING

ANSI Cl.150 - 300 - 600 - 900 - 1500 - 2500

END CONNECTIONS

Flanged / Buttwelded ends / Threaded

MATERIALS

- Carbon Steel
- Stainless Steel
- Alloy Steel
- Duplex - SuperDuplex
- Monel
- Aluminium bronze
- Titanium
- Hastelloy
- Austenitic Steel
- Inconel

APPLICABLE STANDARDS

- Design: ANSI B16.34 / API 6D/ API 608 / ISO 17292
- Face to face: API 6D
- Flange: B16.5/ B16.47
- Testing: API 598
- Fugitive emission: ISO 150484-1
- Fire test: BS 6755-API607-ISO FDIS 10497
- NORSOK