

Trunnion ball valves

BT2-BT3 SIDE-ENTRY



Two- or three-piece split bolted body, side-entry trunnion ball valve with anti blow-out stem, antistatic device, and fire safe design

API 6D

Sizes: NPS ½–60 (DN 15–1500)

Classes: 150–4500

API 6A

Sizes: NPS 1³/₁₆–18³/₄ (DN 46–476)

Classes: 2000–15000

MAIN FEATURES

- Design in compliance with: API 6D, API 6A, ASME B16.34, PED
- Fire safe design as per API 6FA and API 607
- Temperature range: -150 to 842°F (-101 to 450°C)
- Available in carbon, low-temperature carbon, stainless, duplex, and exotic alloy steels
- Suitable for all types of fluids and aggressive environments including corrosive, sour (H₂S), abrasive, and oxygen service; slurries and solid suspension in gases and air; and clean or dirty vapour (including steam).

OPTIONS

- Soft (leakage rate: A) or metal-seated (leakage rate: D, on request)
- Single or double piston effect seats
- Sealing injection for seats and stem
- Overlay on sealing surface available in alloy 625, alloy 825, and stainless steel
- Fully internal cladding available in alloy 625, alloy 825, and stainless steel
- Hardfacing for metal-seated valves is available in tungsten carbide and chromium carbide (for high temperature applications)
- Materials in accordance with NACE MR 01-75 for sour service
- Electro-plated nickel trim

BTE TOP-ENTRY



Trunnion ball valve, top-entry, double block and bleed with self relieving seats, anti blow-out stem, antistatic device, fire safe design

API 6D

Sizes: NPS ½–60 (DN 15–1500)

Classes: 150–4500

API 6A

Sizes: NPS 1³/₁₆–18³/₄ (DN 46–476)

Classes: 2000–15000

MAIN FEATURES

- Design in compliance with: API 6D, API 6A, ASME B16.34, PED
- Fire safe design as per API 6FA and API 607
- Temperature range: -150 to 842°F (-101 to 450°C)
- Available in carbon, low temperature carbon, stainless, duplex, and exotic alloy steels
- Suitable for all types of fluids and aggressive environments including corrosive, sour (H₂S), abrasive, and oxygen service; slurries and solid suspension in gases and air; and clean or dirty vapour (including steam).

OPTIONS

- Soft (leakage rate: A) or metal-seated (leakage rate: D, better on request)
- Single or double piston effect seats
- Sealing injection for seats and stem
- Overlay on sealing surface available in alloy 625, alloy 825, and stainless steel
- Fully internal cladding available in alloy 625, alloy 825, and stainless steel
- Hardfacing for metal-seated valves is available in tungsten carbide and chromium carbide (for high temperature applications)
- Materials in accordance with NACE MR 01-75 for sour service
- Electro-plated nickel trim