



API 6D Cast Steel Trunnion Mounted Ball Valves 1500LB

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Short Description

Cast steel Ball valve 1500LB RTJ flange end, side entry, trunnion mounted, 2pcs type, Gear operator.

Model Size: 8 Inches.

Body/Bonnet: ASTM A216 WCB + ENP.

Ball: ASTM A182 F316.

Seat: DEVLON.

Stem: ASTM A182 F316.

Face to face dimension: 832 mm.

Valve standard: API 6D.

Flange standard: ASME B16.5.

Sealing pressure test: 281 BAR.

Shell pressure test: 383 BAR.

Others: NACE MR-01-75.



API 6D Cast Steel Trunnion Mounted Ball Valves 1500LB Key Specifications / Features

Key Feature and Ranges:

- Design basis and product range: API6D / API608 / GB/T12237.
- Face-to-face dimension: ASME B16.10 / GB / T12221.
- Flanged ends: API605/ASME B16.47 / GB / T9113.
- Butt-welding ends: ASME B16.25 / GB / T12224.
- Wall thickness: ASME B16.34.
- Fireproof test: API607.
- Inspection and test: API6D / API598 JB / T9092.
- Product range: 4" - 64", DN100 - DN1600.
- Materials of main parts: WCB, LCB, WC6, WC9, CF8, CF8M.
- Seat materials: PTFE, RTFE or metal hard seal.

Design Features:

- ISO5211 platform design is adopted for the convenience of installing the actuator.
- Double block and bleed function.
- Anti-blow-out stem design.
- The pressure balancing hole is provided on the steel ball.
- The body is provided with a device for cleaning the valve cavity.
- Automatic pressure relief function.
- Fireproof and antistatic design.
- Sealant injection system for emergency seal.
- Multiple driving modes facilitate the realization of automatic control.
- Reliable stem seal and low operating torque. Metal hard seal seat can be made according to requirements.

Keywords: Ball Valves, Trunnion Mounted Ball Valves, Cast Steel Ball Valves, API 6D Ball Valves.