



Specifications

Trunnion Mounted Ball Valve - Series BT39

Size Range

1/2 - 36" (15 - 900mm)

Temperature Range

Up to 1100°F (593 °C) (Custom higher temperatures upon request)

Pressure Ratings

Class 150 - 4500, PN10 - PN720, Custom pressure ratings upon request

Shutoff Rating

Zero Leakage

Body Style

Split Body (Two piece and Three piece)

Ports

Full Port, special ports available

End Connections

Raised Face Flange, Ring Type Joint, Butt Weld, Socket Weld

Actuator

Lever, Gear, Pneumatic and Electric Actuator

Body Materials

Standard Forged, Standard Cast
Austenitic Stainless Steel, Alloy Steel

Stem Materials

Standard: A638 Gr 660
Optional: Titanium, 17-4 PH Stainless Steel, Duplex Stainless Steel

Seat Materials

Standard: 410 Stainless Steel, 316 Stainless Steel
Optional: Titanium, Duplex Stainless Steel, 17-4 PH Stainless Steel

Ball Materials

Standard: 410 Stainless Steel, 316 Stainless Steel
Optional: Titanium, Duplex Stainless Steel, 17-4 PH Stainless Steel

Design Standard

PED 2014/68/EU, ASME B16.34
ASME Section VIII - Div 1, Appendix 2, API 608

Testing Standard

MSS SP-61, API 598, ANSI/FCI 70-2, ISO 15848-2

Face to Face

ASME B16.10 (long pattern as standard), EN 558-1

Applications

Oil and Gas Pipeline, Offshore Platforms, Onshore Terminals, Emergency Shutdown, Suction and Discharge Isolation, Block and Bypass, Pumping, Compression and Reinjection Units, Metering Stations, Pig Traps, Surge-Relief Skids, Decoking Isolation, Buried Services, Produced Water (Brine) Services