

BALL VALVE

Side Entry Trunnion Mounted Ball Valve

REF **EFC-448** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	NPS 2" / DN50 to NPS 60" / DN1500
Pressure	Class 150 / PN10 to Class 2500 / PN420
End connection	flanged / butt-weld
Temperature	-60°C to 250°C
Media	Oil, Gas, Natural gas, Process media in petroleum, chemical, metallurgy, light industry, power station, and water supply applications

ACTUATION

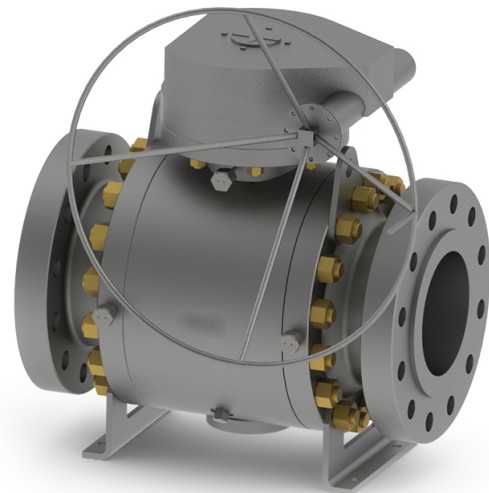
- Manual
- Pneumatic
- Electric
- Hydraulic

STANDARDS

Design	API 6D
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APPLICATIONS

- Petroleum
- Chemical industry
- Metallurgy
- Light industry
- Power stations
- Urban water supply
- Cryogenic / low-temperature service
- Long-distance oil and gas pipelines
- LNG



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

MATERIALS

Body **Carbon Steel, Stainless Steel, Alloy Steel** Ball seal **Soft seal, Triangular ring seal, Hard seal**

FEATURES

- Quarter-turn operation
- Trunnion-mounted ball for reduced operating torque on large and high-pressure sizes
- Single-piston-effect seats for both upstream and downstream sealing
- Double Block and Bleed (DBB) functionality
- Three seat seal options: soft seal, triangular ring seal, and hard seal
- Anti-ejection stem design preventing blowout under improper operation
- Fire-safe design
- Anti-static device
- Emergency sealant injection ports for valve seat seal and stem seal, each fitted with a grease valve and check valve
- Bottom drain port for cavity emptying and top vent port for cavity cleaning
- Body incorporates ball test fitting; middle flange and neck are bolted
- Welded-end variants include sleeve extensions to prevent seal interference during welding, with materials matched to pipeline
- Extended stem available for underground installation enabling above-ground operation; stem height customisable
- Accessible grease, drainage, and venting facilities on underground variants
- Compatible with manual, electric, pneumatic, and hydraulic actuators

OPTIONS & NOTES

- Technical specification available as download (content not published on page)
- Operator options listed as 'Manual, Pneumatic, Electric, etc...' — additional actuator types may be available on request