

BALL VALVE

Insulation Jacket Ball Valve

REF **EFC-452** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	DN15 to DN600
Pressure	PN16 / Class 150 to PN420 / Class 2500
Temperature	-40°C to 200°C
Media	Steam, Heat transfer oil, Chemical fluids, Petroleum, High-viscosity media, Media that solidify at room temperature, Food-grade fluids

ACTUATION

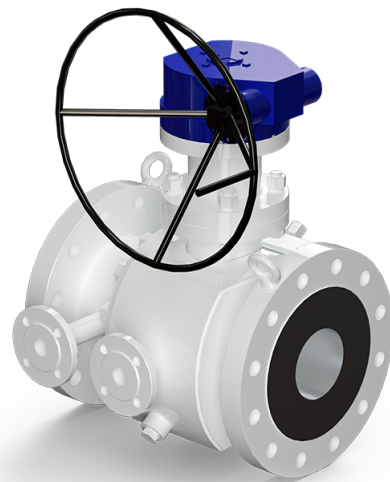
- Manual handle
- Worm gear
- Pneumatic
- Electric

COATINGS & LINING

- Ball surface hardening treatment (wear-resistant and corrosion-resistant)

APPLICATIONS

- Chemical industry
- Petroleum industry
- Heat supply systems
- Pharmaceutical industry
- Metallurgical industry
- Food industry
- High-viscosity fluid transportation
- Fluids prone to solidification at ambient temperature



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

MATERIALS

Body	Carbon steel, Stainless steel, Alloy steel	Seat	PTFE, Metal hard seal
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FEATURES

- Jacketed insulation structure allowing circulation of steam, heat transfer oil, or other insulation media to maintain fluid temperature
- PTFE or metal hard-seal valve seats providing high-temperature and corrosion resistance with zero-leakage performance
- Body forged from stainless steel or carbon steel with special heat treatment; rated for temperatures exceeding 300 °C
- Full-bore (full-diameter) design aligns flow passage with pipeline inner diameter, reducing pressure drop
- Multiple actuation options: handle, worm gear, pneumatic, or electric
- Modular design facilitating disassembly and maintenance
- Ball surface hardened for wear and corrosion resistance
- Valve stem blow-out prevention design
- Rapid opening and closing action
- Size range DN15 - DN600 (NPS ½ - NPS 24)
- Pressure range PN16 - PN420 / Class 150 - Class 2500

OPTIONS & NOTES

- Technical specification download available on product page (content not published in page text)