

CRYOGENIC BALL VALVE

Side Entry Cryogenic Trunnion Mounted Ball Valve

REF **EFC-485** ISSUED 07 Jul 2026

SPECIFICATIONS

Size	NPS 1/2" to NPS 24"
Pressure	Class 150 to Class 2500
End connection	flanged
Temperature	-196°C to 150°C
Media	LNG, LPG, Natural gas, Oil, Gas, Explosive medium

ACTUATION

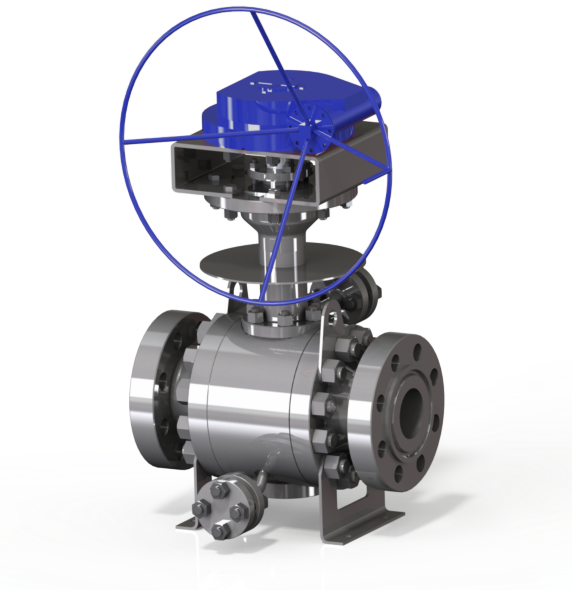
- manual
- pneumatic
- electric

STANDARDS

Test	API 624
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APPLICATIONS

- LNG service
- LPG service
- Low-temperature cryogenic pipelines
- Long-distance oil and gas pipelines
- Natural gas pipelines



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

MATERIALS

Body	Stainless Steel, Alloy Steel	Stem packing	Graphite, Lip-seal
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FEATURES

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- Extended bonnet design to ensure reliability of stem packing and sealing
 - Drainage board design to prevent condensation water ingress
 - Anti-static design
 - Fire-safe design
 - Cavity automatic self-pressure relief, suitable for explosive media
 - Live-load API 622 certified graphite and lip-seal sealing for API 624 fugitive emission compliance
 - Operating temperature as low as -196 °C
 - Multiple seat design options for various media and conditions
 - Top entry or side entry optional design
 - Nominal size range DN 15-600 (NPS 1/2" - 24")
 - Pressure rating PN 10-420 / Class 150-2500

OPTIONS & NOTES

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- Top Entry or Side Entry optional design
 - Multiple Seat Design option available
 - Operator options include Manual, Pneumatic, Electric, etc.

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