
CRYOGENIC BALL VALVES

- TRUNNION-MOUNTED
- TOP-ENTRY

L&T Valves offers high-performance cryogenic ball valves engineered to meet the demanding requirements of sub-zero and cryogenic service across a wide range of industries.

We leverage our expertise in valve design and manufacture to deliver high-performance valves that guarantee safety and reliability in the extreme temperatures and pressures encountered in cryogenic services.



Design Standard: API 6D

Sizes: 2" to 12" | 50 mm to 300 mm

ASME Class: 150 and 300

Temperature Range: -196 to +150 degree C

Standards Compliance

- Valve Design: API 6D, BS 6364
- Face to Face: API 6D, ASME B16.10
- End Flanges: ASME B16.5
- Butt Weld Ends: ASME B16.25
- Testing: API 6D, ISO 28921
- Fire Testing: API 607, API 6FA

Materials

- Stainless Steel (304, 316 and 316 L)
- Nickel-based alloys including Inconel

Features

Top-entry construction for in-line maintenance
Spring-loaded seats with spring- energised lipseal
Cover with integral stem extension
Single piece stem with no welds or joints
Single-piston/ Double-piston configurations
Cavity relief mechanism
Fire safe design

Industries



Oil and Gas



Refining and
Petrochemicals



Aerospace



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