

## Cryogenic Ball Valve

### Standard Design Features

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| <ul style="list-style-type: none"> <li>· Forged or Cast Steel Body</li> <li>· Floating &amp; Trunnion Mounted Ball</li> <li>· Extended Bonnet</li> <li>· Lip Seal</li> <li>· Cavity Pressure Relief</li> <li>· Anti Blow-Out Proof Stem</li> </ul> | <ul style="list-style-type: none"> <li>· Anti Static Device</li> <li>· Fire Safe Design</li> <li>· In House Cryogenic Testing (On Request)</li> </ul> |
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### Production Range

- Available Size : NPS 1/2" ~ 24" (DN 15 ~ DN 600)
- Pressure ASME Class 150 to Class 1,500 (PN20 ~ PN250)
- Temperature : -196°C ~ 200°C
- Trim (Ball / Seat Ring / Stem)
  - : Stainless, Cryogenic Resistant with Non-Metal Seal Seat / Ring
- Materials

Duplex Stainless Steel	Special Alloy Steel
ASTM A995 - 1A 2A 4A 5A or Equivalent	Inconel 625 825 or Equivalent Hastelloy C Monel or Equivalent
Stainless Steel	
ASTM A351 - CF8 CF8M CF3 CF3M CN7M or Equivalent	

### Design Standards

- Design : API 6D, ASME B16.34, BS 6364
- Face to Face : ASME B16.10
- Butt-Welding Ends : ASME B16.25
- Test : API 598, BS 6364, BS 6755, API 6D
- Fire Safe Test : API 607, API 6FA
- Special : NACE MR - 01 - 75

