

Cryogenic Valve

Cryogenic Valves are used in storage and transport of liquefied gases such as LNG, LN2 and Oxygen in the piping systems.

These Valves are supplied with extended bonnet with a sufficient enclosed vapor chamber to keep the stem packings not exposed the cold liquid to ensure functional integrity.

Standard Design Features

- Long Extended Bonnet
- CoCr Alloy Seating Surfaces
- Low fugitive Emission Packing
- Fire Safety



Production Range

- Available Size : NPS 2" ~ 30"
- Pressure Rating : ASME Class 150 to Class 2,500
- Service Temperature : Up to -196°C
- Available in Gate, Globe and Check Valves
- 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

- Basic Standards : BS 6364, MSS – SP – 134
- Face to Face : ASME B16.10
- End Flange : ASME B16.5, ASME B16.47
- Butt-Welding Ends : ASME B16.25

