

BALL VALVES

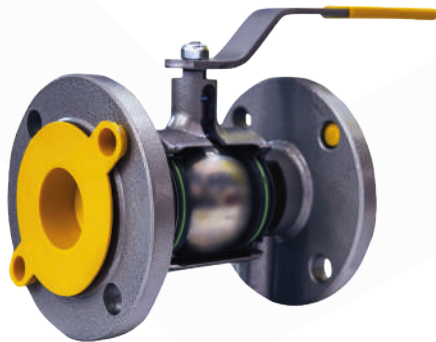
PRODUCT DESIGN DATA

Size Range	1/2" – 56" (DN15 – DN1400)
Manufacturing Standard	API 6D, EN-17292, NACE MR 01 75
Pressure Class	ASME CLASS 150 to 2500 DIN-PN PN 10 to 64 API 3000 to 10000
Materials of Construction	Carbon & low alloy Steels Stainless steels Duplex & Super Duplex Nickel Alloys Titanium

BALL VALVES

Frenstar offer a wide range of Ball valves from our dedicated factory to the finest quality for use within various industries.

- Floating or Trunnion Mounted
- Double Block and Bleed
- Multiport 3-way ball valves
- Soft or Metal Seated
- Fire safe certified
- Cryogenic service



AUTOMATION SERVICE

Frenstar can provide a valve automation service which includes design, manufacture, assembly and testing of actuated ball valve assemblies.



DESIGN FEATURES

TRUNNION

- API 6D/6A design & construction
- API 6D & ASME B1610 face to face
- Antistatic device
- Drain plug
- Firesafe design
- O-ring seals
- Self-Relieving seat
- Soft seat insert
- Trunnion mounted
- Lifting lugs / valve support
- Vent plug

OPTIONAL DESIGN FEATURES

- Automatic bleeding system
- By-pass system
- Double Piston Effect (DPE)
- Double Isolation & Bleed (DIB)
- ENP on seat/ball/stem/body
- Extended stem
- Heating jacket
- Locking device
- Metal to metal seats
- Overlay on seat pocket
- Overlay on dynamic seal pockets
- Overlay on all wetted parts
- Polymeric lip-seals
- Single Piston Effect
- Stem injection fitting
- Seat injection fitting
- Transition pups pieces BW ends

FLOATING

- API 6D/6A design & construction
- API 6D & ASME B1610 face to face
- Antistatic device
- Firesafe design
- O-ring seals
- Soft seat insert
- Solid ball

OPTIONAL DESIGN FEATURES

- Extended stem
- Heating jacket
- Locking device
- Metal to metal seats
- Overlay on all wetted parts
- Drain plug
- Stem injection fitting