



## Cryogenic Service Ball Valves with Extd. Bonnet up to -196° C

Class 150 / 300 / 600 / 800 Regular / Full Port, Flanged Ends, Screwed,  
SW Ends Special Service Ball Valves for Cryo Application.



- ◆ Maintenance free live loaded double sealing stem packing ensures high cycles life and positive sealing.
- ◆ ISO 5211 Mounting Pad Allows for mounting of actuator
- ◆ Blow-Out Proof Stem.

These ball valves meet test specifications as per BS 6364. Applications such as deep freezing and cooling involve cryogenic technology based on nitrogen, oxygen and other gases. A special type of PTFE grade ensures excellent mechanical resistance and stable torques at low temperatures. The cryogenic stem extension is provided. It is manufactured as a one piece item with the stem for increased mechanical strength. This positions stem and stem packing away from cryogenic fluid to prevent stem seal freeze up and ensures superior performance. These ball valves can be provided with Integral mounting pad ISO 5211 and can be used for actuation.

### Conformity to codes & standards:

General design & manufacturing.  
Valve dimensions.

: API-6D

: ANSI B 16.10 /B 16.5.

: EN 12266 #800 #150 #300

: 211 kg/sq.cm 31 kg/sq.cm 77 kg/sq.cm

: 69 kg/sq.cm 23 kg/sq.cm 51 kg/sq.cm

: 7 kg/sq.cm 7 kg/sq.cm 7 kg/sq.cm

Valve inspection & testing.

Hydro shell

Seat test

Air seat

Special features

: Fire safe to API-607

: Metal to Metal Seat

### Technical specification:

Valve type

Body type

Seat type

End connection

Size range

Pressure rating

Seat leakage

Operation

: 2-Way / 3-Way Ball Valve.

: 2 pc / 3 pc

: Soft / Metal.

: Flanged / Screwed / Socket weld end.

: 15 NB to 50 NB for reduced port / full port

: Class 150, 300 & 800

: Class VI-soft seat, Class V-Metal seat.

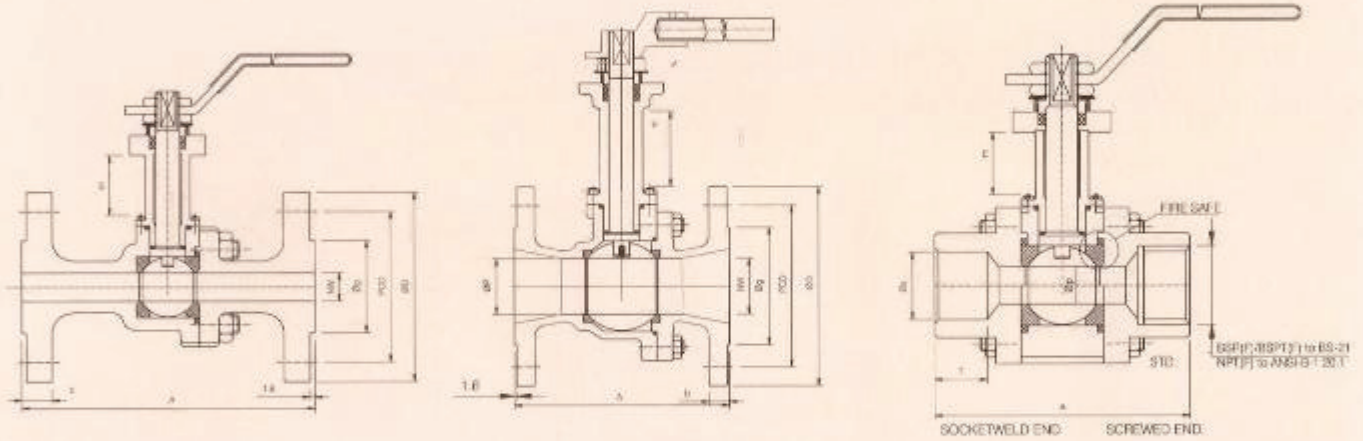
: Hand lever / Gear / Actuator (Electrical / Pneumatic)

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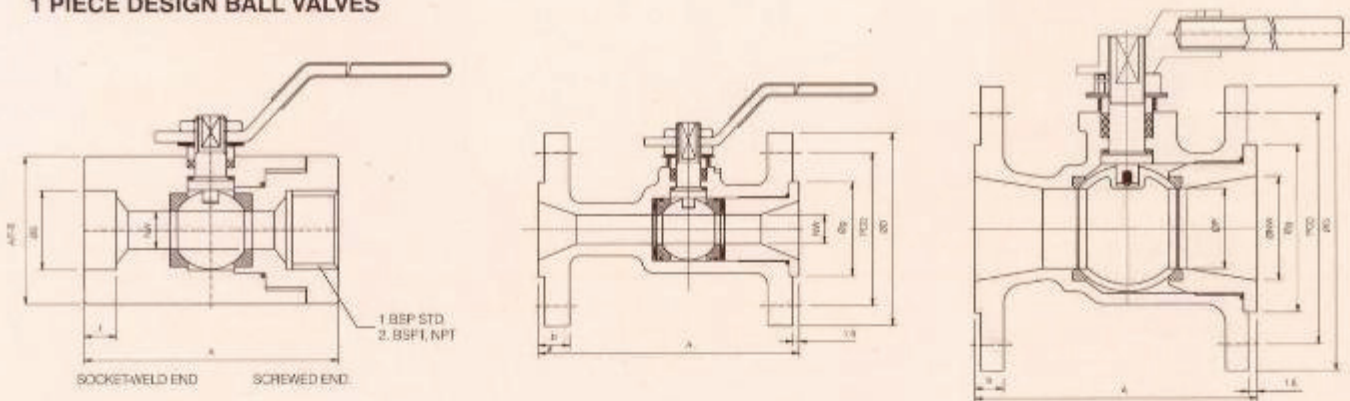
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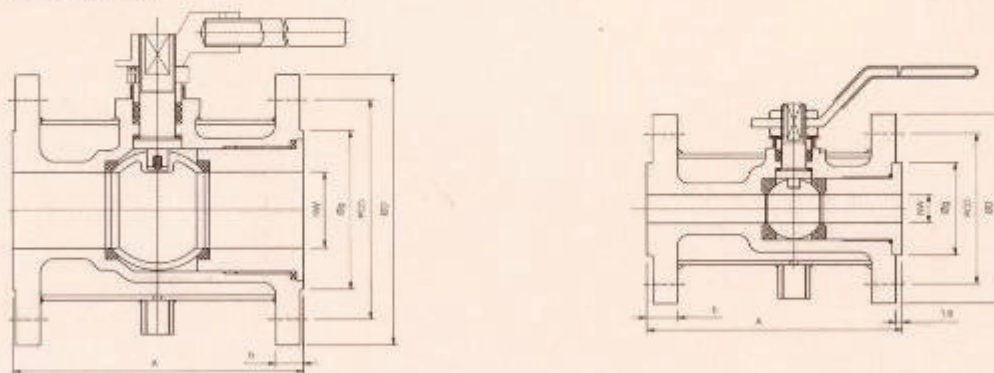
CE 0045



## 1 PIECE DESIGN BALL VALVES



## JACKETED BALL VALVES.



For Dimensional Details Contact us