

Forged Steel Three Piece Design Ball Valve (Screwed)

Article No. 1080

Salient Features

- Design Standard BS 5351.
- Reduced Bore, Three Piece Design.
- Body and Bonnet are Phosphated, to ensure maximum resistance from rust.
- Screwed Female Ends to BSPT / NPT.
- Socket Welded Ends to ANSI B16.11.

Suitable For

- Steam
- Water
- Oil
- Air
- Gases



Test Pressure (Hydraulic) Shell : 105 kg/cm²g (1500 psig) Seat : 70 kg/cm²g (1000 psig) Seat (Pneumatic) : 5.60 kg/cm²g (80 psig)

Materials of Construction

Name of Part	Material	Specification
Body & Body Connector	Forged Steel	ASTM A105
Ball	Stainless Steel	AISI 304 / 316 / 410
Body Seat Ring	PTFE	BS EN 12086-1
Gland & Stem	Stainless Steel	AISI 410
Stud	Alloy Steel	ASTM A216 Gr. B7
Gland Packing	PTFE, 35% Carbon Filled	BS EN 12086-1
Stem Seal	PTFE, 35% Carbon Filled	BS EN 12086-1
Lever	Carbon Steel	IS 2062
Nut	H.T. Steel	ASTM A194 Gr.2H

Sizes / Dimensions

Inches	mm	A	B	C	D
1/2	15	66	1/2"	38	115
3/4	20	72	3/4"	40	115
1	25	95	1"	57	155
1 1/4	32	106	1 1/4"	65	155
1 1/2	40	116	1 1/2"	75	190
2	50	128	2"	75	190

