

**Stainless Steel Three Piece Design Ball Valve Class-150 (Flanged)**

Article No. 1080B

**Salient Features**

- Design Standard BS 5351.
- Flanged Ends to ANSI B16.5 Class-150 (Drilled).
- Reduced Bore, Three Piece Design.
- Can withstand Maximum Working Temperature of 225°C.

Valves with Class-300 Pressure Rating and flanges as per ANSI B16.5 Class-300 are also available.

**Suitable For**

- Steam
- Water
- Oil
- Air
- Gases



Class-150 Test Pressure (Hydraulic) Shell : 31 kg/cm<sup>2</sup>g (465 psig) Maximum Cold Working Pressure 21 kg/cm<sup>2</sup>g (315 psig) Seat (Pneumatic) : 80 psig

**Materials of Construction**

Name of Part	Material	Specification
Body & Connector	Stainless Steel	ASTM A351 CF8M / CF8
Ball & Stem	Stainless Steel	AISI 316 / 304
Body Seat Ring & Gasket	PTFE	BS EN 12086-1
Thrust Washer & Packing Ring	PTFE, 35% Carbon Filled	BS EN 12086-1
Gland & Gland Washer	Stainless Steel	AISI 316 / 304
Bolt	Alloy Steel	ASTM A193 Gr. B7
Nut	H.T. Steel	ASTM A194 Gr. 2H
Lever	Carbon Steel	IS 2062

**Sizes / Dimensions**

Inches	mm	A	B	C	D
1/2	15	108	15	38	155
3/4	20	117	20	40	155
1	25	127	25	57	165
1 1/4	32	140	32	65	165
1 1/2	40	165	40	75	180
2	50	178	50	75	220

