



Salient Features

- Design Standard BS 5351.
- Flanged Ends to ANSI B16.5 Class-300 (Drilled).
- Reduced Bore, Three Piece Design.
- Can withstand Maximum Working Temperature of 225°C.

Valves with Class-150 Pressure Rating and flanges as per ANSI B16.5 Class-150 are also available.

Suitable For

| | |
|-------|---|
| Steam | ■ |
| Water | ■ |
| Oil | ■ |
| Air | ■ |
| Gases | ■ |

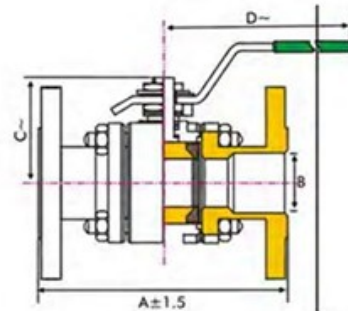
Class-300 Test Pressure (Hydraulic) Shell : 103 kg/cm²g (1500 psig) Maximum Cold Working Pressure 69 kg/cm²g (1000 psig) Seat (Pneumatic) : 80 psig

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 |



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