ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001
CERTIFIED COMPANY

# 1081 Stainless Steel (CF8 / S.S 304) Three Piece Design Ball Valve, Class-150 (Screwed)

## Salient Features

- Design Standard BS EN ISO 17292 (BS 5351).
- Screwed Female Ends to BSPT / NPT / Socket Weld.
- Reduced Bore, Three Piece Design.
- Superb in Quality and Performance.

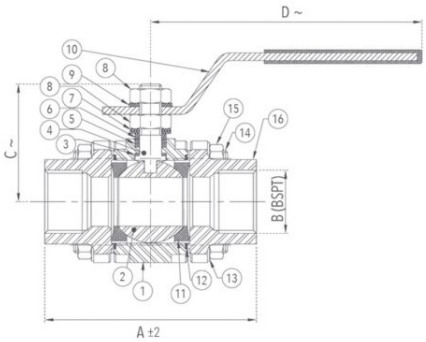


Test Pressure (Hydrostatic) :
Shell : 31 kg/cm²g (440 psig)
Maximum Working Pressure : 21 kg/cm²g (300 psig)
Seat (Pneumatic) : 7kg/cm²g (100 psig)
Maximum Working Temperature : 220°C

**Suitable For**
Steam, Water, Oil, Air, Gases

## Materials

| P.No. | Name of Part | Material of Construction | Specification | Qty. |
|---|---|---|---|---|
| 1 | Body | Stainless Steel | ASTM A 351 Gr. CF8 | 1 |
| 2 | Ball | Stainless Steel | ASTM A276 Type 304 / ASTM A 351 Gr. CF8 | 1 |
| 3 | Thrust Washer | PTFE 35% Carbon Filled | – – – | 1 |
| 4 | Stem | Stainless Steel | ASTM A276 Type 316 | 1 |
| 5 | Packing Ring | PTFE 35% Carbon Filled | – – – | 2 |
| 6 | Gland | Stainless Steel | ASTM A276 Type 304 | 1 |
| 7 | Cup Washer | Stainless Steel | ASTM A276 Type 304 | 2 |
| 8 | Nut | H.T Steel | ASTM A 194 Gr. 2H | 2 |
| 9 | Spring Washer | Spring Steel | EN 47 Gr. B | 1 |
| 10 | Lever | Carbon Steel | – – – | 1 |
| 11 | Body Seat Ring | PTFE | – – – | 2 |
| 12 | Gasket | PTFE | – – – | 2 |
| 13 | Spring Washer | Spring Steel | EN 47 Gr. B | 8 |
| 14 | Studs | Alloy Steel | ASTM A 193 Gr. B7 | 4 |
| 15 | Nuts | H.T Steel | ASTM A 194 Gr. 2H | 8 |
| 16 | End Connector | Stainless Steel | ASTM A 351 Gr. CF8 | 2 |




## Sizes / Dimensions

| Size (Inches) | Size (mm) | A ±2 | B | C ~ | D ~ |
|---|---|---|---|---|---|
| 1/2 | 15 | 69 | 1/2″ | 38 | 112 |
| 3/4 | 20 | 73 | 3/4″ | 40 | 125 |
| 1 | 25 | 95 | 1″ | 57 | 168 |
| 1 1/4 | 32 | 105 | 1 1/4″ | 65 | 168 |
| 1 1/2 | 40 | 115 | 1 1/2″ | 75 | 177 |
| 2 | 50 | 128 | 2″ | 80 | 220 |

~ ±10

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