

1010 Bronze Horizontal Check Valve (Screwed)

Salient Features

- Screwed Female Ends to IS 554 / BS 21 / ISO 7.
- Screwed in Bonnet, Integral Seat.
- Permits flow in one direction and closes automatically if the flow reverses.
- Metal Disc is mushroom shaped with spherical seating surface.
- Meant for Horizontal Lines only.
- Disc is guided in Body as well as in Bonnet.
- Medium Pattern.
- Also available with metal to metal seating.

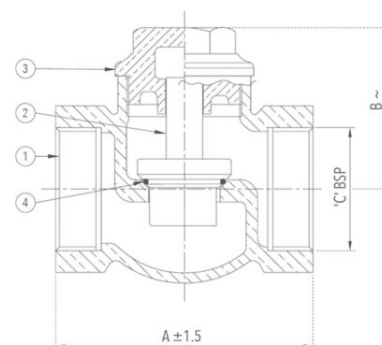
Test Pressure (Hydrostatic) :
Shell : 20 kg/cm²g (285 psig)
Seat : 13.5 kg/cm²g (192 psig)
Maximum Working Temperature : 80°C

Suitable For

Water, Oil

Materials

| P.No. | Name of Part | Material of Construction | Specification | Quantity |
|-------|--------------|--------------------------|------------------------------------|----------|
| 1 | Body | Bronze | IS 318 Gr. LTB 2 | 1 |
| 2 | Disc | Bronze | IS 318 Gr. LTB 2 | 1 |
| 3 | Bonnet | Bronze / Forged Brass | IS 318 Gr. LTB 2 / IS 6912 Gr. FLB | 1 |
| 4 | 'O' Ring | Nitrile Rubber | IS 5192 - 1 | 1 |



Sizes / Dimensions

| Size (Inches) | Size (mm) | A ±1.5 | B ~ | C |
|---------------|-----------|--------|-----|--------|
| 1/4 | 8 | 33 | 24 | 1/4" |
| 3/8 | 10 | 37 | 28 | 3/8" |
| 1/2 | 15 | 45 | 32 | 1/2" |
| 3/4 | 20 | 53 | 37 | 3/4" |
| 1 | 25 | 57 | 41 | 1" |
| 1 1/4 | 32 | 71 | 46 | 1 1/4" |
| 1 1/2 | 40 | 79 | 52 | 1 1/2" |
| 2 | 50 | 86 | 66 | 2" |
| 2 1/2* | 65* | 107 | 80 | 2 1/2" |
| 3* | 80* | 123 | 94 | 3" |
| 4* | 100* | 159 | 104 | 4" |

~ ±10

*Bonnet for Size 65, 80 and 100 is of Bronze.