



Salient Features

- Screwed Female Ends to IS 554 / BS 21 / ISO 7.
- Screwed in Bonnet, Integral Seat, meant for Horizontal Lines Only.
- Permits flow in one direction and closes automatically if the flow reverses.
- Metal Disc is mushroom shaped with spherical seating surface.
- Disc is guided in Body as well as in Bonnet.
- Heavy Pattern.
- Can also be provided with 'O' Ring Type Seating.

Suitable For

- Steam
- Water
- Oil
- Air
- Gases

Test Pressure (Hydraulic) Shell : 35 kg/cm²g (500 psig) Seat : 20 kg/cm²g (285 psig)

Materials of Construction

Name of Part	Material	Specification
Body	Bronze	IS 318 Gr. LTB 2
Bonnet	Bronze	IS 318 Gr. LTB 2
Disc	Bronze	IS 318 Gr. LTB 2
'O' Ring	Nitrile Rubber	IS 5192-1

Sizes / Dimensions

Inches	mm	A	B
1/4	8	34	28
3/8	10	41	35
1/2	15	52	42
3/4	20	65	48
1	25	82	55
1 1/4	32	88	61
1 1/2	40	98	66
2	50	120	75
2 1/2	65	133	84
3	80	160	96

