



Salient Features

- Screwed Female Ends to BSPT.
- Straight Pattern, Screwed / Bolted Bonnet, Outside Screw, Rising Stem, Yoke Type.
- Provision for re-packing under pressure.
- Renewable 13% Cr. Stainless Steel (AISI 410) working parts.
- Metal Disc is mushroom shaped with spherical seating surface.
- Handwheel Operated.
- Body Seat Ring and Disc are heat treated for longer life.

Suitable For

Steam	■
Water	■
Oil	
Air	
Gases	

Test Pressure (Hydraulic) 35.15 kg/cm²g (500 psig) Working Pressure (Steam) 17.58 kg/cm²g (250 psig)
Maximum Working Temperature 225°C

Materials of Construction

Name of Part	Material	Specification
Body, Bonnet & Gland	Bronze	IBR 282 (a) (iv) Gr.B
Body Seat Ring, Stem & Disc	Stainless Steel	AISI 410
Stud & Nut	Carbon Steel	IS 1367
Handwheel	Cast Iron	IS 210 Gr. FG 200
Nut & Washer	Carbon Steel	IS 1367
Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3
Gland Packing	Graphited Asbestos	IS 4687

Sizes / Dimensions

Inches	mm	A	B	C
1/2	15	83	115	70
3/4	20	95	115	80
1	25	111	138	95
1 1/4	32	133	158	110
1 1/2	40	152	170	127
2	50	178	195	152

