



Salient Features

- Design Standard BS 5352.
- Body and Bonnet are Phosphated, to ensure maximum resistance from rust.
- Bolted Bonnet, Outside Screw, Yoke Type, Rising Stem.
- Screwed Female Ends to BSPT / NPT / Socket Welded to ANSI B16.11.

Suitable For

Steam	■
Water	■
Oil	■
Air	
Gases	

Test Pressure (Hydraulic) Shell : 207 bar Seat : 152 bar Seat (Pneumatic) : 100 psig
Maximum Working Temperature 425°C

Materials of Construction

Name of Part	Material	Specification
Body & Bonnet	Forged Steel	ASTM A105
Sleeve	Rust Proof Metal having melting temp. above 995°C	
Stem	Stainless Steel	ASTM A182 F6a
Eye Bolt	Stainless Steel	ASTM A182 F6a
Gland Flange	Forged Steel / S.S	ASTM A105 / AISI 410
Gland	Stainless Steel	ASTM A182 F6a
Washer & Sleeve Nut	Carbon Steel	IS 1367
Screw & Nut	Carbon Steel	IS 1367
Gasket	Spiral wound S.S (AISI 304), Graphite Filled	BS 3381
Gland Packing	Braided Graphite	IS 4687
Handwheel	Malleable Iron	IS 14329 BM 300
Wedge	Stainless Steel	ASTM A182 F6a
Body Seat Ring	Stainless Steel	ASTM A182 F6a
Nut	H.T. Steel	ASTM A194 Gr. 2H
Stud	Alloy Steel	ASTM A193 Gr. B7
Name Plate	Aluminium	BS EN 10154

Sizes / Dimensions

Inches	mm	A	B	C	D
3/8	10	80	3/8"	138	85
1/2	15	86	1/2"	146	90
3/4	20	98	3/4"	162	95
1	25	130	1"	192	114
1 1/4	32	145	1 1/4"	226	155
1 1/2	40	170	1 1/2"	247	155

