



**Salient Features**

- Design Standard IS 14846 PN1.0 / PN1.6.
- Flanged Ends, Bolted Bonnet, Inside Screw, Non-Rising Stem.
- Handwheel Operated.

**Suitable For**

Steam
Water
Oil
Air
Gases

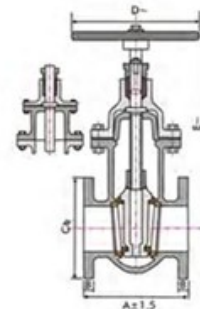
PN 1.0 - Shell : 1.5 MPa Seat : 1.0 MPa  
PN 1.6 - Shell : 2.4 MPa Seat : 1.6 MPa

**Materials of Construction**

Name of Part	Material	Specification
Body & Bonnet	Cast Iron	IS 210 Gr. FG 200
Stem	Brass / S.S	IS 6912 Gr. FHTB2 / IS 6603
T-Head Bolt & Nut	Carbon Steel	IS 1367
Gland Packing	Rubber / Hemp & Jute	IS 638-2 / IS 5414
Handwheel	Cast Iron	IS 210 Gr. FG 200
Gland & Thrust Plate	Cast Iron	IS 210 Gr. FG 200
Bolt & Nut	Carbon Steel	IS 1363
Gasket	Rubber	IS 638-2
Washer	Carbon Steel	IS 2062
Stem Nut	Bronze	IS 318 Gr. LTB 2
Wedge	Cast Iron	IS 210 Gr. FG 200
Stuffing Box	Cast Iron	IS 210 Gr. FG 200
Wedge Seat Ring	Bronze	IS 318 Gr. FTB 2
Body Seat Ring	Bronze	IS 318 Gr. FTB 2

**Sizes / Dimensions**

Inches	mm	A	B	C	D	E
2	50	178	16	165	225	336
2 1/2	65	190	16	185	225	355
3	80	203	21	200	225	390
4	100	229	22	220	320	440
5	125	254	22.5	250	320	485
6	150	267	23	285	320	560
8	200	292	24.5	340	360	690
10	250	330	26	395	400	795
12	300	356	27.5	445	400	867
14	350	381	29	505	500	1020
16	400	406	30	565	640	1110
18	450	432	31.5	615	720	1200
20	500	457	33	670	720	1300
24	600	508	36	780	720	1500



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