



Salient Features

- Design Standard BS 1414 / API 600.
- Bolted Bonnet, Outside Screw, Yoke Type, Rising Stem.
- Renewable 13% Cr. Stainless Steel (AISI 410) working parts.
- Handwheel Operated.

Suitable For

Steam
Water
Oil
Air
Gases

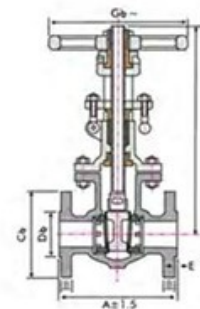
Test Pressure (Hydraulic) Shell : 29 kg/cm²g (425 psig) Seat (Steam) : 10.55 kg/cm²g (150 psig)
Maximum Working Temperature 425°C

Materials of Construction

Name of Part	Material	Specification
Body & Wedge	Cast Steel	ASTM A216 Gr. WCB
Bonnet	Cast Steel	ASTM A216 Gr. WCB
Gland	Stainless Steel	AISI 410
Handwheel	C.S / M.I	ASTM A216 Gr. WCB / IS 14329 BM 300
Locking Bush	Stainless Steel	AISI 410
Sleeve	S.S / Nodular Iron	AISI 410 / ASTM A439 D2
Eye Bolt	Stainless Steel	AISI 410
Gland Flange	Cast Steel	ASTM A216 Gr. WCB
Gland Packing	Braided Graphite	IS 4687
Sleeve Nut	Stainless Steel	AISI 410
Back Seat Bush	Stainless Steel	AISI 410
Stud	Alloy Steel	ASTM A193 Gr. B7
Nut	H.T. Steel	ASTM A194 Gr. 2H
Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3
Stem	Stainless Steel	AISI 410
Body Seat Ring	Stainless Steel	AISI 410
Weld Deposit Wedge Ring	Stainless Steel	AISI 410
Grease Nipple	Carbon Steel	BS 1486

Sizes / Dimensions

Inches	mm	A	B	C	D	E	F	G
1 1/2	40	165	14.3	127	73	1.6	330	210
2	50	178	16	152	92	1.6	340	210
2 1/2	65	190	17.5	178	104.8	1.6	395	210
3	80	203	19	190	127	1.6	430	225
4	100	229	23.8	229	157.2	1.6	521	255
5	125	254	24	254	185.7	1.6	568	255
6	150	267	25.4	279	216	1.6	666	356
8	200	292	28.6	343	270	1.6	783	400



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