

CS-14 Cast Steel Globe Valve Class 150, Flanged Ends

Description

- NETA Cast Steel (ASTM A216 Gr. WCB) Globe Valve
- BS:1873 Class 150
- Outside Screw and Yoke Type
- Bolted Bonnet
- 13% Cr. Stainless Steel (AISI - 410 / ASTM A 182 Gr.F6a) Trim
- Flanged Ends to ANSI-B 16.5 Class 150
- Raised Face
- Drilled / Undrilled

Test Pressure

Body : 30 Bar Hyd.

Seat : 22 Bar Hyd., 6.9 Bar Air

Back Seat : 22 Bar Hyd.

Design Features

- Bolted Body - Bonnet Joint.
- Stem threads are outside the pressure containing parts & never come in contact with the working fluid thus avoiding corrosion of threads.
- Back seating arrangement permits the replacement of gland packing in fully open position while the Valve is under inline pressure.
- Bolted Self Aligning Two piece gland.
- Renewable 13% Cr. Stainless Steel Body Seat Ring and Disc/Weld deposit Disc Facing Ring having difference in hardness of at least 50 HB.
- Ample depth of Stuffing Box.
- Sturdy spoked Handwheel is provided for operation of the valve.
- Designed for tight shut off and efficient fluid flow control.



Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided for Valves to be used on steam service.

For service other than steam our own Works Test Certificate shall be issued.

Application : Steam, Water, Oil

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Handwheel Nut	1	M.S.	IS:1367
2	Washer	1	M.S.	IS:226
3	Handwheel	1	C.I.	IS:210 Gr.FG:200
4	Locking Screw	1	M.S.	IS:1367
5	Yoke Bush	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
6	Stem	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
7	Gland Flange	1	Carbon Steel / C.S.	IS:226 / ASTM A216 Gr.WCB
8	Gland Packing	-	Asbestos Graphited	-
9	Bonnet	1	Cast Steel	ASTM A216 Gr.WCB
10	Gasket	1	C.A.F.	IS:2712
11	Back Seat Bush	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
12	Disc Nut	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
13	Locking Washer	1	S.S. 18/8% Cr./Ni	AISI - 304
14	Disc	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
15	Thrust Plate	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
16	Body Seat Ring	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
17	Body	1	Cast Steel	ASTM A216 Gr.WCB

PNo.	Part	Nos.	Material	Standard
18	Gland Bolts	2	S.S. 13% Cr. / M.S.	ASTM A182 Gr.F6a / AISI - 410 / IS:1367
19	Gland Nuts	2	S.S. 13% Cr. / M.S.	ASTM A182 Gr.F6a / AISI - 410 / IS:1367
20	Gland	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
21	Studs	To Suit	Alloy Steel	ASTM A193 Gr.B7
22	Nuts	To Suit	H.T.Steel	ASTM A194 Gr.2H
23	Pin	2	S.S. 13% Cr. / M.S.	ASTM A182 Gr.F6a / AISI - 410 / IS:226
24	Split Pin	2	M.S.	IS:226

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	L ±1.5	H (Approx.)	W (Approx.)
2	50	203	289	175
2.1/2	65	215.9	345	200
3	80	241.3	354	200
4	100	292.1	398	250
5	150	406.5	500	320
8	200	495.3	539	400

