CS-24 Cast Steel Globe Valve Class-600, Flanged

Description



- Neta Cast Steel Globe Valve (ASTMA 216 Gr. WCB) Class-600
- Product Standard: BS 1873
- Bolted Bonnet
- Outside Screw and Yoke Type
- Rising Stem
- Renewable Seat
- 13 % Cr. S.S.(AISI-410) Trim.
- Flanged Ends as per BS: 1560 / ANSI-B 16.5, Class-600 Raised Face.

Test Pressure

Body Test Pressure : 156 Kg/cm²(Hyd.)
Seat Test Pressure : 114.5 Kg/cm²(Hyd.)
Max. Steam Working Pressure : 58.63 Kg/cm²
Max. Working Temperature : 425°C

Design Features

- Stem threads are outside the pressure containing parts and never come in contact with the working fluid thus avoiding corrosion of threads.
- Bolted self aligning two piece gland.
- Backseating arrangement permits the replacement of gland packing in fully open position while the Valve is under inline pressure.
- Ample depth of stuffing box.
- Sturdy spoked hand wheel is provided for operation of the Valve.

Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided.

Application : Steam, Water, Oil

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Body	1	Carbon Cast Steel	IBR 73 to 80/ASTM A216 Gr. WCB
2	Body Seat Ring	1	F.S.S.410+ST.6	ASTM A182 Gr. F6a+ST.6
3	Disc	1	F.S.S.410+ST.6	ASTM A276 Type 410+ST.6
4	Disc Nut	1	S.S.410	ASTM A276 Type 410
5	Gasket	1	S.S. 304 Spiral Wound with Graphoil Filler	–
6	Bonnet	1	Carbon Cast Steel	IBR 73 to 80/ASTM A216 Gr. WCB
7	Gland Follower	1	S.S.410	ASTM A276 Type 410
8	Gland Flange	1	Carbon Cast Steel	IBR 73 to 80/ASTM A216 Gr. WCB
9	Yoke Bush	1	Aluminium Bronze	–
10	Stem	1	S.S.410	ASTM A276 Type 410
11	Gland Packing	1	Pure Flexible Graphite	–
12	Body/ Bonnet Joint Studs	To Suit	Alloy Steel	ASTM A193 Gr.B7
13	Body/ Bonnet Joint Nuts	To Suit	H.T.Steel	ASTM A194 Gr. 2H
14	Back Seat Bush	1	S.S.410	ASTM A276 Type 410
15	Gland/Bonnet Eyebolt	2	Carbon Steel	ASTM A307 Grade B
16	Gland/Bonnet Joint Nuts	2	Carbon Steel	ASTM A307 Grade B
17	Bolt	2	Carbon Steel	ASTM A307 Grade B
18	Nut	2	Carbon Steel	ASTM A307 Grade B
19	Hardened Thrust Plate	1	Hardened Steel	–
20	Hand wheel	1	D.I.	ASTM A536
21	Hand wheel Nut	1	M.S.	ASTM A36

PNo.	Part	Nos.	Material	Standard
22	Hand wheel Washer	1	M.S.	ASTM A36

Dimensions

Nominal Size(mm)	A	B	C(MIN.)	D	W
40	241	155.6	22.3	312	200
50	292	165	25.4	370	250
65	330	190.5	28.6	405	300
80	356	210	31.8	410	300
100	432	274	38.2	430	400
125	508	330	44.5	692	400
150	559	356	47.6	748	600
200	660	420	55.6	805	600

