SANT VALVES
SINCE 1953

I.B.R

ISO 9001 CERTIFIED COMPANY

CS-10 Cast Steel Globe Valve Flanged, Class-300 (IBR Approved)

Product Description

HSN 84818030

Product : 'SANT' Cast Steel Globe Valve
Product Standard : BS 1873
Pressure / Class / Rating : Class-300
Body Material cum Standard : CCS (ASTM A216 Gr.WCB)
Description : Bolted Cover, Outside Screw & Yoke Type, Rising Stem
Type of Seat : Renewable seat
Type of Disc : Renewable disc
Trim : Stem SS AISI-410
Yoke Bush : Aluminum Bronze
Gland Packing : Expanded Pure Flexible Graphite
End Details : Flanges as per ANSI B 16.5 Class 300 R.F. Undrilled



Testing & Certification

Body Test Pressure : 76 Bar g (1102 Psig) Hyd.
Seat Test Pressure : 56 Bar g (815 Psig) Hyd. & 6.9 Bar g (100 Psig) Air
Tested as per API 598 / ANSI B16.34 / BS : 6755 Part 1
Maximum Working Temperature: 425ºC

Test Certificate in Form lll-C as per IBR is furnished with every supply.

Application

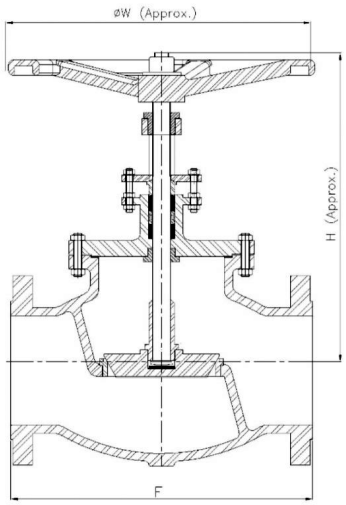
Water	Oil	Steam

Materials of Construction

Components	Materials	Specifications
Body, Bonnet, Gland Flange	Cast Carbon Steel	ASTM A216 Gr.WCB
Body Ring, Valve Disc, Gland Follower, Back Seat Bush, Stem, Locking Screws, Lantern Ring	Stainless Steel	AISI-410
Gasket	Spiral Wound S.S.	AISI-304
Gland Packing	Expanded Pure Flexible Graphite	—
Handwheel	S.G. Iron	—
Gland Bolting	Carbon Steel	—
Bolts	Alloy Steel	ASTM A193 Gr.B7
Nuts	HT Steel	ASTM A194 Gr.2H
Yoke Bush	Al Bronze	—

Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F	H (Approx)	W						
25	1	203±2	280	160						
32	1.1/4	216±2	280	160						
40	1.1/2	229±2	325	200						
50	2	267±2	335	200						
65	2.1/2	292±2	400	250						
80	3	318±2	410	250						
100	4	356±2	500	315						
150	6	445±2	585	400						
200	8	559±2	680	400						
250	10	622±3	720	560						
300	12	711±3	800	610						



Sant Valves Pvt. Ltd.
G.T.Road Bye Pass,
Jalandhar – 144012. Punjab. INDIA

https://www.santvalves.com

Phone : +91 181 5084693
Fax: +91 181 5062270
Email : info@santvalves.com

Notes
1. Product images are for illustration purposes only. Actual product may vary.
2. Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order.

Sant Valves Pvt. Ltd.
G.T.Road Bye Pass,
Jalandhar – 144012. Punjab. INDIA

https://www.santvalves.com

Phone : +91 181 5084693
Fax: +91 181 5062270
Email : info@santvalves.com