

## 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: 425°C

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

### Application

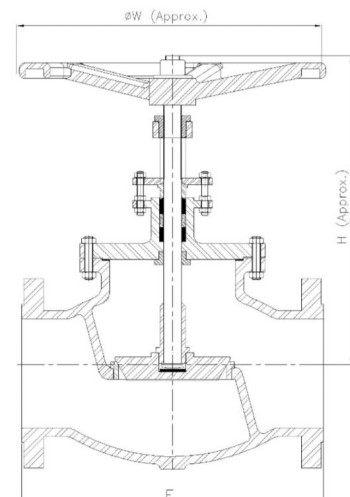
Water	Oil	Steam
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### Materials of Construction

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	Malleable Iron / C.I.	IS:14329
Gland Bolting	Carbon Steel	UTS 392 N/mm <sup>2</sup>
Bolts	Alloy Steel	ASTM A193 Gr.B7 / EN 19A
Nuts	HT Steel	ASTM A194 Gr.2H / EN 8
Yoke Bush	Al Bronze	—

### Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F	H (Approx)	W	D	T	R	PCD	No. of Holes	Hole Dia (Inches)
25	1	203±2	280	160	125	17.9	50.8	88.9	4	0.75
32	1.1/4	216±2	280	160	135	19.5	63.5	98.4	4	0.75
40	1.1/2	229±2	325	200	155	21.1	73	114.3	4	0.88
50	2	267±2	335	200	165	22.7	92.1	127	8	0.75
65	2.1/2	292±2	400	250	190	25.9	104.8	149.2	8	0.88
80	3	318±2	410	250	210	29	127	168.3	8	0.88
100	4	356±2	500	315	255	32.2	157.2	200	8	0.88
150	6	445±2	585	400	320	37	215.9	269.9	12	0.88
200	8	559±2	680	400	380	41.7	269.9	330.2	12	1
250	10	622±3	720	560	445	48.1	323.9	387.4	16	1 1/8
300	12	711±3	800	610	520	51.3	381	450.8	16	1 1/4



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.