

CS-7 Cast Steel Gate Valve Flanged, Class-150 (IBR Approved)

Product Description

HSN 84818030

Product : 'SANT' Cast Steel Gate Valve
 Product Standard : BS 1414 / API 600
 Pressure / Class / Rating : Class 150
 Body Material cum Standard : CCS (ASTM A216 Gr.WCB)
 Description : Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem
 Type of Seat : Renewable seat
 Type of Disc : Renewable disc
 Trim : Stem SS AISI-410
 Yoke Sleeve : Aluminum Bronze
 Gland Packing : Expanded Pure Flexible Graphite
 End Details : Flanges as per ANSI B 16.5 Class 150 R.F. Undrilled



Testing & Certification

Body Test Pressure : 30 Bar g (435 Psig) Hyd.
 Seat Test Pressure : 22 Bar g (320 Psig) Hyd. & 6.9 Bar g (100 Psig) Air
 Tested as per API 598 / ANSI B16.34 / BS : 6755 Part 1
 Maximum Working Temperature: 400°C

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

Application

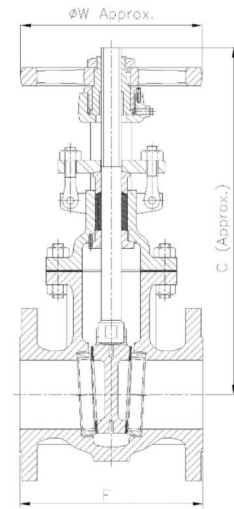
Water	Oil	Steam
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Materials of Construction

Components	Materials	Specifications
Body, Bonnet, Yoke, Gland Flange	Cast Carbon Steel	ASTM A216 Gr.WCB
Wedge (upto 8")	Stainless Steel	AISI-410 / CA15
Wedge (for 10" & 12")	Cast Carbon Steel with SS Weld Deposit	ASTM A216 Gr.WCB / AISI-410
Gasket	CAF	BS:1832
Gland Packing	Expanded Pure Flexible Graphite	—
Handwheel	Malleable Iron	IS:14329
Body Rings, Gland Yoke Follower, Sleeve Nut, Stem, Backseat Bush, Locking Screws	Stainless Steel	AISI-410
Gland Bolting	Carbon Steel	UTS 392 N/mm2
Bolts	Alloy Steel	ASTM A193 Gr.B7
Nuts	HT Steel	ASTM A194 Gr.2H
Yoke Sleeve	Al Bronze	—

Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F±2	H (Approx)	ØW	OD	T	ØR
25	1	127	260	127	110	11.6	50.8
40	1.1/2	165	290	178	125	14.7	73
50	2	178	315	178	150	16.3	92.1
65	2.1/2	191	355	178	180	17.9	104.8
80	3	203	400	210	190	19.5	127
100	4	229	455	254	230	24.3	157.2
125	5	254	560	305	255	24.3	185.7
150	6	267	635	305	280	25.9	215.9
200	8	292	810	400	345	29	269.9
250	10	330	925	450	405	30.6	323.8
300	12	356	1060	500	485	32.2	381



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.