

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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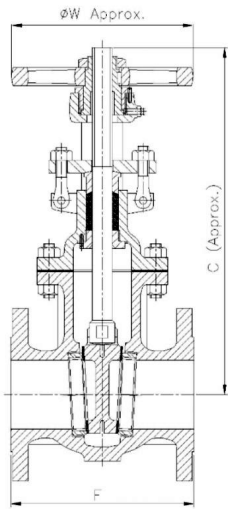
Materials of Construction

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	S.G. Iron	—
Body Rings, Gland Yoke Follower, Sleeve Nut, Stem, Backseat Bush, Locking Screws	Stainless Steel	AISI-410
Gland Bolting	Carbon Steel	—
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	C (Approx)	ØW			
25	1	127	260	127			
40	1.1/2	165	290	178			
50	2	178	315	178			
65	2.1/2	191	355	178			
80	3	203	400	210			
100	4	229	475	254			
125	5	254	560	305			
150	6	267	635	305			
200	8	292	810	400			

Nominal Size	Nominal Size (Inches)	F±2	C (Approx)	ØW			
250	10	330	925	450			
300	12	356	1060	500			



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.