

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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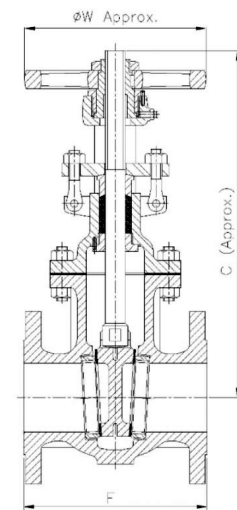
Materials of Construction

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.