

CS-7A Cast Steel Gate Valve Flanged, Class-300 (IBR Approved)

Product Description

HSN 84818030

Product : 'SANT' Cast Steel Gate Valve
 Product Standard : BS 1414 / API 600
 Pressure / Class / Rating : Class 300
 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 300 R.F. Undrilled



Testing & Certification

Body Test Pressure : 76 Bar g (1110 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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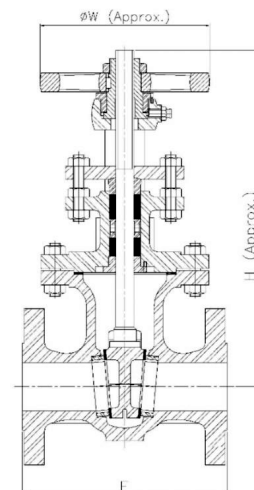
Materials of Construction

Components	Materials	Specifications
Body, Bonnet, Yoke, Gland Flange	Cast Carbon Steel	ASTM A216 Gr.WCB
Wedge (for 2" or less)	Stainless Steel	AISI-410 / CA15
Wedge (above 2")	Cast Carbon Steel with SS Weld Deposit	ASTM A216 Gr.WCB / AISI-410
Gasket	Spiral Wound S.S.	AISI-304
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	H (Approx.)	ØW (Approx.)
40	1.1/2	191	340	178
50	2	216	355	178
65	2.1/2	241	390	210
80	3	283	435	254
100	4	305	520	254
125	5	381	605	305
150	6	403	710	400
200	8	419	855	450
250	10	457	1020	450

Nominal Size	Nominal Size (Inches)	F±2	H (Approx.)	ØW (Approx.)
300	12	502	1215	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.