

KANTILAL CHIMANLAL

AHMEDABAD
SINCE-1913

CAST STEEL GATE VALVE

FLANGED, CLASS15 0

SPECIFICATIONS

'SANT' Cast Carbon Steel Wedge Gate Valve
Bolted Bonnet
Outside Screw & Yoke Type
Rising Stem
Renewable Stainless Steel Trim
Handwheel Operated
Flanged Ends as per ANSI B16.5 Class 150 (Supplied Undrilled if not specified)
Conforming to BS : 1414 / API 600 / ANSI B16.34

TESTING & CERTIFICATION

Body Test Pressure 30 bar g (435 Psig) Hyd.
Seat & Backseat 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
Test Certificate in Form IIIC as per IBR is furnished with every supply.

MATERIALS

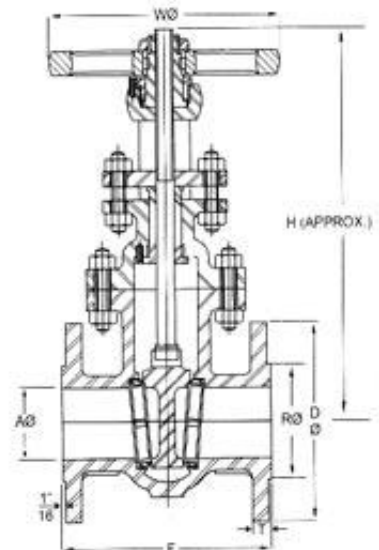
Components	Material	Material Specification
Body, Bonnet, Yoke, Gland Flange Wedge (For 2" or less) Wedge (Above 2")	Cast Carbon Steel Stainless Steel Cast Carbon Steel	ASTM A 216 Gr.WCB AISI 410 ASTM A216 Gr.WCB
Gasket Gland Packing	CAF Braided Asbestos	BS : 1832 Corrosion Inhibitor
Handwheel	Malleable Iron	IS : 14329
Body Rings, Gland Follower, Yoke Sleeve, Sleeve Nut, Stem, Backseat Bush, Locking Screws	Stainless Steel	AISI 410
Gland Bolting	Carbon Steel	UTS 392 N/mm ²
Bolts Nuts	Alloy Steel HT Steel	ASTM A193 Gr.B7 ASTM A194 Gr.2H

DIMENSIONS

Nominal Size	H	W	D	T	R	F
25	255	5	4¼	0.44	2.00	5
40	290	7	5	0.56	2.88	6½
50	315	7	6	0.62	3.62	7
65	355	7	7	0.69	4.12	7½
80	400	8¼	7½	0.75	5.00	8
100	475	10	9	0.94	6.19	9
125	560	12	10	0.94	7.31	10
150	625	12	11	1.00	8.50	10½
200	810	15¾	13½	1.12	10.62	11½
	(mm)	(inch)	(inch)	(inch)	(inch)	(inch)

SANT

CS 7



Application

Water	Oil	Gas	Steam
●	●		●

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