SANT VALVES
SINCE 1953

I.B.R

ISO 9001 CERTIFIED COMPANY

FSV-1A Forged Steel Gate Valve Reduced Bore, Class 800, Screwed Ends (IBR Approved)

Product Description

HSN 84818030

Product : 'SANT' Forged Steel Gate Valve
Product Standard : BS 5352 / API 602
Pressure / Class / Rating : Class 800
Type of Pattern : Straight Type
Body Material cum Standard : FCS (A105)
Description : Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem
Type of Seat : Renewable Seat
Type of Disc : Renewable Disc
Trim : SS AISI-410
Gland Packing : Expanded Pure Flexible Graphite
Fastener & Gasket : Alloy Steel (Gr.B7/2H) Spiral Wound SS 304 (CAF/Graphite filled)
End Details : Screwed Female NPT Threads

Testing & Certification

Body Test Pressure : 207 Bar g (3000 Psig) Hyd.
Seat Test Pressure : 152 Bar g (2200 Psig) Hyd. & 6.9 Bar g (100 Psig) Air
Maximum Working Temperature : 425°c

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

Application

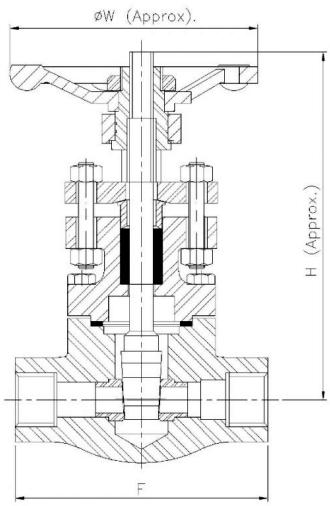
Water	Oil	Steam

Materials of Construction

Components	Materials	Specifications
Body, Bonnet, Gland Flange	Drop Forged C.Steel	ASTM A105
Body Seat Ring, Wedge, Gland, Stem, Gland Eye Bolts,Yoke Sleeve	Stainless Steel	AISI-410
Gland Packing	Expanded Pure Flexible Graphite	—
Gasket	Spiral Wound SS (AISI-304) Asbestos Filled / Graphite Filled	—
Handwheel	Malleable Iron / D.I.	IS:14329
Studs / Bolts	Alloy Steel	ASTM A193 Gr.B7
Nuts	High Tensile Steel	ASTM A194 Gr.2H
Gland Nuts, Screw, Wheel Nuts & Washer	Mild Steel	—

Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F	H (Approx)	W (Approx)
10	3/8	73±2	131	86
15	1/2	73±2	135	86
20	3/4	80±2	137	86
25	1	100±2	162	116
40	1.1/2	120±2	201	150
50	2	130±2	223	150



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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.

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