

## 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
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### 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

