

## FSV-3B Forged Steel Horizontal Lift Check Valve Reduced Bore, Class 800, Socket Welded Ends (IBR Approved)

### Product Description

HSN 84813000

Product : 'SANT' Forged Steel Horizontal Lift Check Valve  
Product Standard : BS 5352 / API 602  
Pressure / Class / Rating : Class 800  
Body Material cum Standard : FCS (A105)  
Description : Bolted Bonnet  
Type of Seat : Renewable Sat  
Type of Disc : Renewable Disc  
Trim : SS AISI-410  
Fastener : Alloy Steel (Gr.B7/2H)  
Gasket : Spiral Wound SS-304 (CAF/Graphite filled)  
End Details : Socket Welded Ends as per ASME B-16.11



### 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

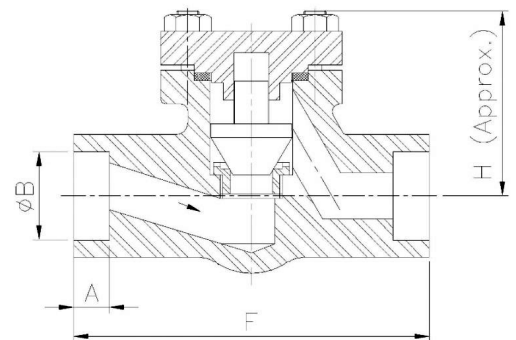
Water	Oil	Steam
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### Materials of Construction

Components	Materials	Specifications
Body, Bonnet	Drop Forged C.Steel	ASTM A105
Body Seat Ring, Valve Disc	Stainless Steel	AISI-410
Gasket	Spiral Wound SS (AISI-304) Asbestos Filled / Graphite Filled	—
Studs / Bolts	Alloy Steel	ASTM A193 Gr.B7
Nuts	High Tensile Steel	ASTM A194 Gr.2H

### Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F	H (Approx)	A (Min.)	B (Min.)	B (Max.)
10	3/8	73±2	53	10	17.6	18
15	1/2	73±2	53	10	21.8	22.2
20	3/4	80±2	55	13	27.1	27.5
25	1	100±2	66	13	33.8	34.2
40	1.1/2	145±2	86	13	48.6	49.1
50	2	160±2	104	16	61.1	61.6



### Notes

- Product images are for illustration purposes only. Actual product may vary.
- Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order.