

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

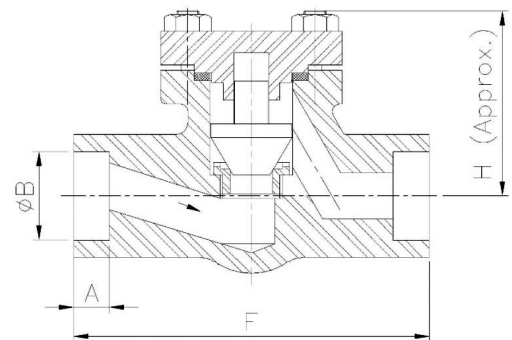
| | | |
|-------|-----|-------|
| Water | Oil | Steam |
|-------|-----|-------|

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.