

## CI-3A Cast Iron Horizontal Check Valve Flanged (IBR Approved)

### Product Description

HSN 84813000

Product : 'SANT' Cast Iron Horizontal Check Valve  
Product Standard : BS:5153  
Type of Pattern : Straight Type  
Pressure / Class / Rating : PN 16  
Body Material cum Standard : Cast Iron IBR 86 to 93 Gr.A  
Description : Bolted Cover  
Type of Seat : Renewable seat  
Type of Disc : Renewable disc  
Trim : SS AISI-410  
End Details : Flanges as per DIN 2533 RF (PN 16) Undrilled



### Testing & Certification

Rating : PN 16  
Body Test Pressure : 26Kg/cm<sup>2</sup>g (Hyd.)  
Seat Test Pressure : 16Kg/cm<sup>2</sup>g (Hyd.)  
Working Pressure : Max BOP 13Kg/cm<sup>2</sup>g at 220°C Steam

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

### Application

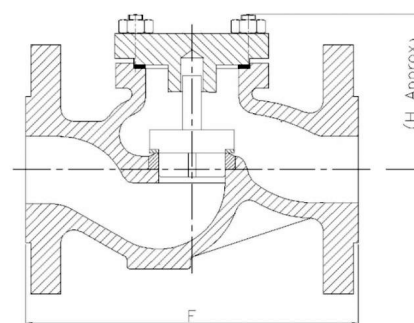
|       |       |
|-------|-------|
| Water | Steam |
|-------|-------|

### Materials of Construction

| Components                      | Materials                 | Specifications    |
|---------------------------------|---------------------------|-------------------|
| Body, Bonnet, Valve Disc        | Cast Iron                 | IBR 86 to 93 Gr.A |
| Body Seat Ring, Valve Disc Ring | Stainless Steel           | AISI-410          |
| Gasket                          | Compressed Asbestos Fiber | IS:2712 Gr.C      |
| Fasteners                       | Mild Steel                | —                 |

### Dimensions (in mm)

| Nominal Size | Nominal Size (Inches) | F     | H (Approx.) |
|--------------|-----------------------|-------|-------------|
| 15           | 1/2                   | 130±1 | 70          |
| 20           | 3/4                   | 150±1 | 70          |
| 25           | 1                     | 160±1 | 80          |
| 32           | 1.1/4                 | 180±1 | 95          |
| 40           | 1.1/2                 | 200±1 | 100         |
| 50           | 2                     | 230±2 | 110         |
| 65           | 2.1/2                 | 290±2 | 130         |
| 80           | 3                     | 310±2 | 150         |
| 100          | 4                     | 350±2 | 160         |
| 125          | 5                     | 400±3 | 200         |
| 150          | 6                     | 480±3 | 215         |
| 200          | 8                     | 600±3 | 250         |



#### 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.