

## CS-2 Cast Steel Horizontal Check Valve PN 40 (IBR Approved)

### Product Description

HSN 84813000

Product : 'SANT' Cast Steel Horizontal Check Valve  
 Product Standard : BS 5160  
 Pressure / Class / Rating : PN 40  
 Body Material cum Standard : CCS (ASTM A216 Gr.WCB)  
 Description : Bolted Bonnet  
 Type of Seat : Renewable seat  
 Type of Disc : Renewable disc  
 Trim : SS AISI-410  
 End Details : Flanges as per BS 4504 Part-1 / DIN 2545 RF undrilled



### Testing & Certification

Body Test Pressure : 76 Bar g (1100 Psig) Hyd.  
 Seat Test Pressure : 40 Bar g (580 Psig) Hyd.  
 Maximum Working Temperature: 400°C

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

### Application

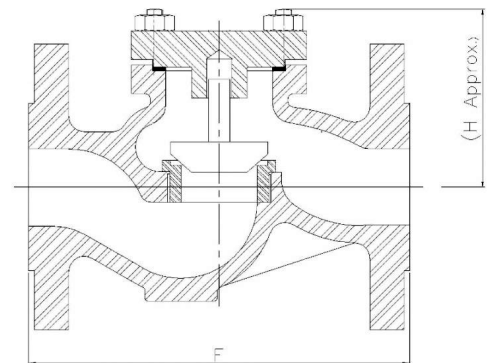
Water	Steam
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### Materials of Construction

Components	Materials	Specifications
Body, Cover	Cast Carbon Steel	ASTM A216 Gr.WCB
Body Seat Ring, Valve Disc	Stainless Steel	AISI-410
Gasket	Compressed Asbestos Fibre	IS:2712 Gr.C
Fasteners	Mild Steel	—

### Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F	H
15	1/2	130±2	85
20	3/4	150±2	85
25	1	160±2	85
32	1.1/4	180±2	85
40	1.1/2	200±2	110
50	2	230±2	125
65	2.1/2	290±2	140
80	3	310±2	150
100	4	350±2	165
125	5	400±3	185
150	6	480±3	270
200	8	600±3	280
250	10	730±4	300
300	12	850±5	385



### 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.