

## C-27 Cast Iron Horizontal Lift Check Valve With AISI 410 Trim

### Description

- NETA Cast Iron Horizontal Lift Check Valve
- Straight Pattern
- BS:5153
- Bolted Cover
- 13% Cr. Stainless Steel (ASTM A182 Gr.F6a / AISI - 410) Trim
- Flanged Ends to BS:10 Table-'H'
- Raised Face Drilled / Undrilled

### Test Pressure

Body : 26 Kg/cm<sup>2</sup> Gauge Hyd.

Seat : 16 Kg/cm<sup>2</sup> Gauge Hyd.

### Design Features

- Stream line shaped flow way area for smooth flow of working fluid for minimum pressure drop.
- Bolted Body - Bonnet Joint.
- Renewable Body Seat & Disc Facing Ring.
- Large lift to avoid obstruction in the flow way area.
- Designed for tight shut off & efficient fluid flow control.
- Self aligning fully guided piston type disk to ensure proper seating of the Valve Disc on Body Seat Ring.



### Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided for Valves to be used on steam service.

For services other than steam our own Works Test Certificate shall be issued.

### Application : Steam, Water, Oil

**HSN : 84818010**

### Materials

PNo.	Part	Nos.	Material	Standard
1	Cover	1	Cast Iron	IBR 86 To 93 Gr.A
2	Studs	4	M.S.	IS:1367
3	Nuts	4	M.S.	IS:1367
4	Gasket	1	C.A.F	IS:2712
5	Body	1	Cast Iron	IBR 86 To 93 Gr.A
6	Disc	1	S.S. 13% Cr.	ASTM A276 TP 410
7	Body Seat Ring	1	S.S. 13% Cr.	ASTM A276 TP 410

### Dimensions

Nominal Size (mm)	A±1	B	C	H
15	130	114.3	16	60
20	150	114.3	16	68
25	160	120.7	19	88
32	180	133.4	22.2	92
40	200	140	22.2	100
50	230	165	25.4	106
65	290	184.2	25.4	132
80	310	203.2	28.6	155
100	350	228.6	31.8	165
125	400	279.5	35	190
150	480	304.8	35	200



Nominal Size (mm)	A±1	B	C	H
200	600	368.8	38	250

