

## C-7 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:4504 Part 1 Table 16 / 11 / DIN 2533 PN16
- 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	C.I.	IBR 86 To 93 Gr.A
2	Studs and Nuts	To Suit	M.S.	IS:1367
3	Gasket	1	C.A.F.	IS:2712
4	Body	1	C.I.	IBR 86 To 93 Gr.A
5	Disc	1	C.I.	IBR 86 To 93 Gr.A
6	Disc Ring	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
7	Body Seat Ring	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
8	Disc Guide	1	C.I.	IBR 86 To 93 Gr.A
9	Locking Pin	1	M.S.	IS:226

### Dimensions

Nominal Size (Inches)	Nominal Size (mm)	L	H
1/2	15	130	62
3/4	20	150	70
1	25	160	90
1.1/4	32	180	90
1.1/2	40	200	100
2	50	230	120
2.1/2	65	290	138
3	80	310	165
4	100	350	175





Nominal Size (Inches)	Nominal Size (mm)	L	H
5	125	400	205
6	150	480	215
8	200	600	270

