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/cm² Gauge Hyd.
Seat : 16 Kg/cm² Gauge Hyd.
Max. Working Pressure: 13 Kg/cm²
Max. Working Temperature : 220°C

Design Features

- Stream line shaped flow way area for smooth flow of working fluid for minimum pressure drop.
- Bolted Body – Bonnet Joint.
- Renewable Body Ring and Disc.
- 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	To Suit	M.S.	IS:1367
3	Nuts	To Suit	M.S.	IS:1367
4	Gasket	1	C.A.F.	IS:2712
5	Body	1	C.I.	IBR 86 To 93 Gr.A
6	Disc	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

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	A	B	C	H
1/2	15	130	95	14	60
3/4	20	150	105	16	68
1	25	160	115	16	88
1.1/4	32	180	140	18	92
1.1/2	40	200	150	18	100
2	50	230	165	20	106
2.1/2	65	290	185	20	132
3	80	310	200	22	155
4	100	350	220	24	165

Nominal Size (Inches)	Nominal Size (mm)	A	B	C	H
5	125	400	250	26	190
6	150	480	285	26	200
8	200	600	340	30	250

