CS-8 Cast Steel Horizontal Lift Check Valve Flanged Ends

Description

- NETA Cast Steel (ASTM A216 Gr. WCB) Horizontal Lift Check Valve
- Straight Pattern
- BS:5160
- Bolted Cover
- 13% Cr. Stainless Steel (ASTM A182 Gr.F6a / AISI – 410) Trim
- Flanged Ends to BS:4504 Part 1 Table 40 / 1 / DIN 2545 PN40
- Raised Face
- Drilled / Undrilled



Test Pressure

Max. Working Pressure: 20 Bar Gauge
Body : 60 Bar Gauge Hyd.
Seat : 40 Bar Gauge Hyd.

Design Features

- Streamlined shaped full flow way area body for smooth flow of the working fluid for minimum pressure drop.
- Bolted Body – Cover Joint.
- Renewable 13% Cr. Stainless Steel Body Seat Ring and Disc/Weld deposit Disc Facing Ring having difference in hardness of at least 50 HB.
- S.S. (AISI-304) Pure Graphite Filler Gasket for Body – Cover Joint.
- Self aligning fully guided Disc to ensure proper seating of the Valve Disc on Body Seat Ring.
- Designed for tight shut off against reversal of fluid flow.

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 Steel	ASTM A216 Gr.WCB
2	Studs	To Suit	Alloy Steel	ASTM A193 Gr.B7
3	Nuts	To Suit	H.T.Steel	ASTM A194 Gr.2H
4	Gasket	1	S.S. (AISI – 304) Pure Graphite Filler	–
5	Body	1	Cast Steel	ASTM A216 Gr.WCB
6	Disc	1	S.S. 13% Cr. Min HB 300	ASTM A182 Gr.F6a / AISI – 410 Weld Deposit
7	Body Seat Ring	1	S.S. 13% Cr. Min HB 250	ASTM A182 Gr.F6a / AISI – 410 Weld Deposit

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	A	B	C	H
1/2	15	130	95	16	62
3/4	20	150	105	18	70
1	25	160	115	18	91
1.1/4	32	180	140	18	95
1.1/2	40	200	150	18	100
2	50	230	165	20	120
2.1/2	65	290	185	22	138
3	80	310	200	24	165
4	100	350	235	24	175

Nominal Size (Inches)	Nominal Size (mm)	A	B	C	H
5	125	400	270	26	205
6	150	480	300	28	215
8	200	600	375	34	270

