

## 1072 Cast Steel (A216 Gr. WCB) Horizontal Lift Check Valve (Flanged)

I.B.R

### Salient Features

- Flanged Ends to DIN 2545 PN 40.
- Bolted Cover, Straight Pattern.
- Renewable 13% Cr. Stainless Steel (SS 410) working parts.
- Minimum pressure drop inside the body due to well contoured body design.
- Suitable for thermic fluid application also.

Test Pressure (Hydrostatic) :

Shell : 60 bar (870 psig)

Maximum Working Pressure : 40 bar (580 psig)

Maximum Working Temperature : 425°C

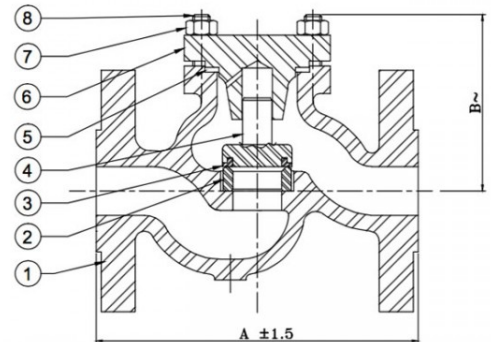
### Suitable For

Steam, Water, Oil



### Materials

P.No.	Name of Part	Material of Material	Specification	Qty.
1	Body	Cast Steel	IBR 73-80 Gr. B	1
2	Body Seat Ring	Stainless Steel	ASTM A 276 Type 410	1
3	Disc Ring	Stainless Steel	ASTM A 276 Type 410	1
4	Disc	Cast Steel	IBR 73 - 80 Gr. B	1
5	Gasket	Spiral Wound S.S. (Type 316) Graphite Filled	---	1
6	Cover	Cast Steel	IBR 73-80 Gr. B	1
7	Nuts	H.T. Steel	ASTM A 194 Gr. 2H	To Suit
8	Studs	Alloy Steel	ASTM A 193 Gr. B7	To Suit



### Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~
1/2	15	130	86
3/4	20	150	86
1	25	160	100
1 1/4	32	180	102
1 1/2	40	200	113
2	50	230	123
2 1/2	65	290	155
3	80	310	170
4	100	350	192
5	125	400	220
6	150	480	250
8	200	600	275