

CAST IRON

HORIZONTAL LIFT CHECK VALVE

**FULLY TESTED &
CERTIFIED TO YIELD
HIGH PERFORMANCE**

DESCRIPTION :

'WJ' Cast Iron Horizontal Lift Check Valve Straight or Right Angle Pattern, bolted bonnet with SS (AISI-410/AISI-304) trim. Flanged ends. Flanges of Valves upto 200 mm are as per DIN 2533, PN-16 raised face and flanges of Valves above 200 mm size are as per DIN 2532, PN-10 raised face.

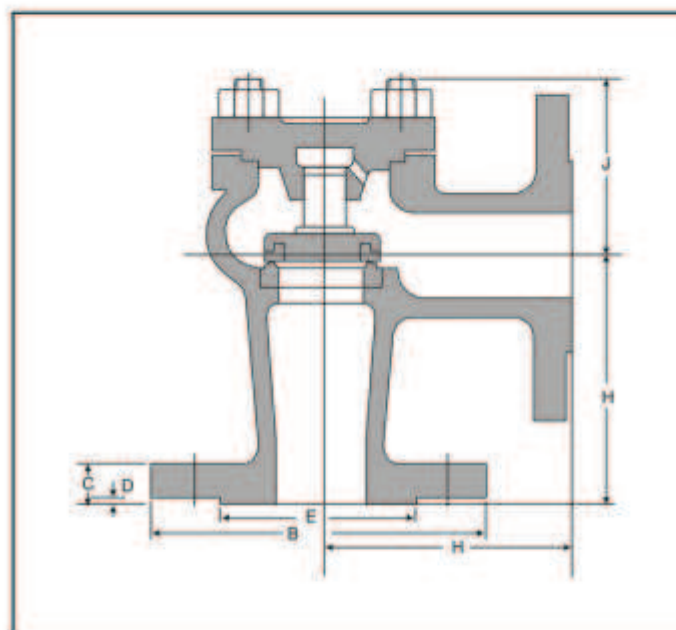
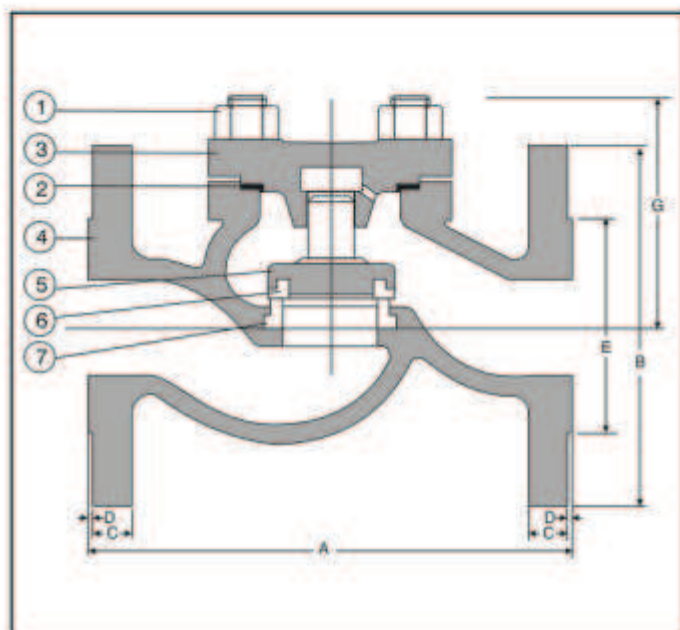
TESTING AND CERTIFICATION :

All valves are tested at double the max. working pressure. Each valve is supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.



TEST PRESSURE

Nominal Size	Nominal Pressure (PN)	Body Test Pressure	Max. Steam Working Pressure	Max. Temp.
15mm to 200 mm	16	26 Kg/Cm ²	13 Kg/Cm ²	220°C
250mm to 300 mm	10	17 Kg/Cm ²	8.5 Kg/Cm ²	220°C



DIMENSIONS

Nominal Size	A	B	C	D	E	G	H	J
15 mm (½")	130	95	14	2	45	75	90	60
20 mm (¾")	150	105	16	2	58	75	95	60
25 mm (1")	160	115	16	2	68	80	100	65
32 mm (1¼")	180	140	18	2	78	90	105	75
40 mm (1½")	200	150	18	3	88	95	115	82
50 mm (2")	230	165	20	3	102	120	125	95
65 mm (2½")	290	185	20	3	122	125	145	105
80 mm (3")	310	200	22	3	138	135	155	115
100 mm (4")	350	220	24	3	158	145	175	120
125 mm (5")	400	250	26	3	188	205	200	150
150 mm (6")	480	285	26	3	212	220	225	180
200 mm (8")	600	340	30	3	268	275	275	190
250 mm (10")	730	395	28	3	320	350	---	---
300 mm (12")	850	445	28	4	370	380	---	---

MATERIALS

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Studs and Nuts	M.S.	IS : 1367
2.	Gasket	C.A.F.	---
3.	Cover	Cast Iron	IBR 86-93 Gr. A
4.	Body	Cast Iron	IBR 86-93 Gr. A
5.	Disc	Cast Iron	IBR 86-93 Gr. A
6.	Disc Ring	S.S.	AISI-410/304
7.	Body Seat Ring	S.S.	AISI-410/304