

CAST STEEL

VERTICAL CHECK VALVE

DESIGNED TO WORK UNDER VARIED CONDITIONS

DESCRIPTION :

'WJ' Cast Carbon Steel (A-216 Gr. WCB) Vertical Lift Check Valve, bolted cover with 13% Cr. SS (AISI-410) Trim and having flanged ends as per BS-10 table 'J'. Suitable for :

Maximum working pressure of 24.6 Kg/cm² (350 PSIG) (800° F).

Tested to : 49.2 Kg/cm² (HYD.) (700 PSIG)

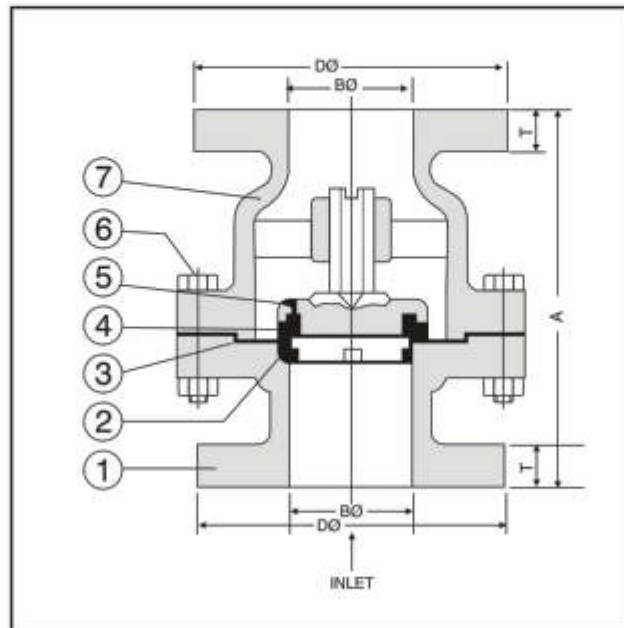
SALIENT FEATURES :

1. Full way area is provided.
2. Valve Disc. is guided to give trouble free service.

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.





DIMENSIONS

Nominal Size	A	B	D	T
DN 40 (1½")	175	40	140	22.2
DN 50 (2")	200	50	165	25.4
DN 65 (2½")	225	65	184.5	25.4
DN 80 (3")	260	80	203	31.8
DN 100 (4")	285	100	229	34.9
DN 125 (5")	350	125	280	38
DN 150 (6")	360	150	305	38
DN 200 (8")	400	200	368.5	41.3

MATERIALS

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Lower Body	Cast Steel	IBR 73 to 80
2.	Body Seat Ring	13% Cr. S.S.	AISI-410
3.	Gasket	S.S. Type 304 Spiral Wound	Asbestos Filled
4.	Valve Disc Facing Ring	13% Cr. S.S.	AISI-410
5.	Valve Disc	Cast Steel	IBR 73 to 80
6.	Bolts & Nuts	Carbon Steel	----
7.	Upper Body	Cast Steel	IBR 73 to 80