

AV-277 Cast Carbon Steel Horizontal Lift Check Valve, Flanged Ends, PN-40

Features

Product Standard	BS EN-13709
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-40
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Bolted Cover
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Flanged Ends as per BS EN 1092-1 PN-40 Raised Face (Drilled)
Test Pressure	Body: 60 Bar (Hyd.), Seat: 44 Bar (Hyd.)
Max. Working Temperature	400°C



Notes

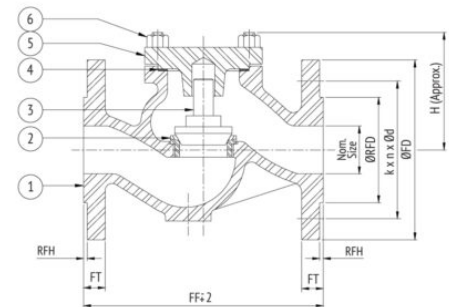
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam

Material Combination

S.No	Description	No.	Material
1	Body	1	C.C.S
2	Body Seat Ring	1	S.S. / F.S.S. / C.A.S.
3	Disc	1	Stainless Steel
4	Gasket	1	C.A.F. / Non Asbestos Fibre
5	Cover	1	C.C.S.
6	Studs & Nuts	To Suit	Carbon Steel



k = P.C.D
n = No. of holes
Ød = Diameter of holes

Dimensional Data

Size (mm)	FF	H	ØFD	FT	ØRFD	RFH	k	n	Ød
15	130	75	95	16	45	2	65	4	14
20	150	80	115	18	58	2	82.6	4	17.5
25	160	88	115	18	68	2	87.3	4	17.5
32	180	96	140	18	78	2	98.4	4	17.5
40	200	100	150	18	88	3	104.8	4	17.5
50	230	116	165	20	102	3	127	4	17.5
65	290	140	185	22	122	3	146.1	8	17.5
80	310	152	200	24	138	3	165.1	8	17.5
100	350	178	235	24	162	3	190.5	8	17.5
125	400	215	280	26	188	3	235	8	22.3
150	480	260	300	28	218	3	260.4	12	22.3
200	600	335	375	34	285	3	324	12	22.3
250	730	350	450	38	345	3	381	12	25.4