

## AV-253 Cast Iron Horizontal Lift Check Valve, Flanged Ends, PN-16

### Features

Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Iron (IBR 86 to 93 Gr. A)
Product Description	Bolted Cover
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Flanged Drilling as per BS-10 Table-H Raised Face (PN-16)
Test Pressure	Body: 24 kg/cm <sup>2</sup> (Hyd.), Seat & Back Seat : 17.6 kg/cm <sup>2</sup>
Max. Working Pressure	13 kg/cm <sup>2</sup> (Steam)
Max. Working Temperature	220°C



### Notes

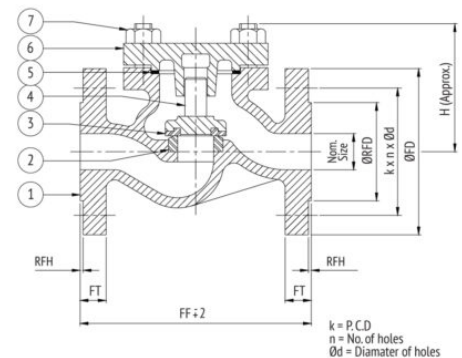
Test Certificate in Form III-C as per IBR is furnished with every supply.

### Suitability

Water, Steam, Oil

### Material Combination

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



### Dimensional Data

Size (mm)	FF	H	ØFD	FT	ØRFD	RFH	k	n	Ød
15	130	75	114.3	14	-	-	82.6	4	17.5
20	150	75	114.3	16	-	-	82.6	4	17.5
25	160	84	115	16	65	3	87.3	4	17.5
32	180	98	140	18	76	3	98.4	4	17.5
40	200	106	150	18	84	3	104.8	4	17.5
50	230	114	165	20	99	3	127	4	17.5
65	290	128	185	20	118	3	146	8	17.5
80	310	166	203.2	22	132	3	165	8	17.5
100	350	172	228.8	24	-	-	190.5	8	17.5
125	400	205	279.4	26	-	-	235	8	22.3
150	480	220	304.8	26	-	-	260.4	12	22.3