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

IBR Approved

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 (PN-16)
Test Pressure	Body: 24 kg/cm² (Hyd.), Seat & Back Seat : 17.6 kg/cm²
Max. Working Pressure	13 kg/cm² (Steam)
Max. Working Temperature	220°C



Notes

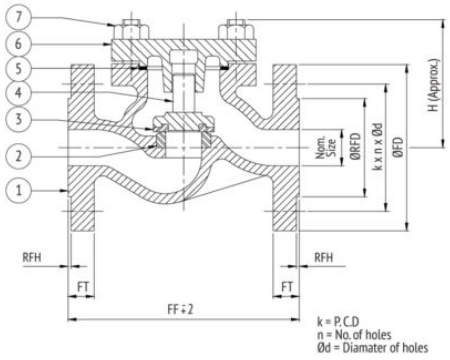
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IBR 86 to 93 Gr.A / IS 210 Gr. FG200
2	Body Seat Ring	1	Stainless Steel	ASTM A 276 Type 410 / ASTM A 217 Gr. CA15
3	Disc Ring	1	Stainless Steel	ASTM A 276 Type 410 / ASTM A 217 Gr. CA15
4	Disc	1	Cast Iron	IBR 86 to 93 Gr.A / IS 210 Gr. FG200
5	Gasket	1	C.A.F.	–
6	Cover	1	Cast Iron	IBR 86 to 93 Gr.A / IS 210 Gr. FG200
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

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