AV-252 Cast Iron Junction Steam Stop Valve, Flanged Ends, PN-16 IBR Approved

Features

Type of Pattern	Right Angle Pattern
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Iron (IBR 86 to 93 Gr. A)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem with Backseat Arrangement, Handwheel Operated
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

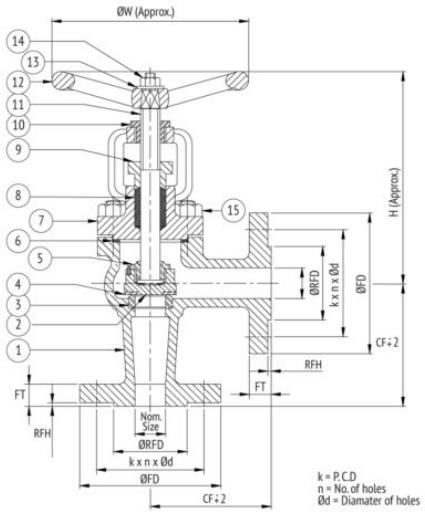
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	IBR 86 to 93 Gr.A
2	Disc Holder	1	Cast Iron	IBR 86 to 93 Gr.A
3	Body Seat Ring	1	Stainless Steel	ASTM A 276 Type 410
4	Disc	1	Stainless Steel	ASTM A 276 Type 410
5	Disc Nut	1	Stainless Steel	ASTM A 276 Type 410
6	Gasket	1	C.A.F.	–
7	Bonnet	1	Cast Iron	IBR 86 to 93 Gr.A
8	Gland Packing	–	Flexible Graphite	–
9	Gland	1	Cast Iron	IBR 86 to 93 Gr.A
10	Yoke Bush	1	M.S.	–
11	Stem	1	Stainless Steel	ASTM A 276 Type 410
12	Handwheel	1	Cast Iron / S.G.Iron	–
13	Washer	1	Carbon Steel	–
14	Nut	1	Carbon Steel	–
15	Studs & Nuts	To Suit	Carbon Steel	–
16	T-Head Bolts & Nuts	2 Each	Carbon Steel	–



Dimensional Data

Size (mm)	CF	H	ØW	ØFD	FT	ØRFD	RFH	k	n	Ød
15	90	150	100	114.3	14	46	2	82.6	4	17.5
20	95	150	100	114.3	16	56	2	82.6	4	17.5
25	100	160	100	115	16	65	3	87.3	4	17.5
32	105	170	125	140	18	76	3	98.4	4	17.5
40	115	220	160	150	18	84	3	104.8	4	17.5
50	125	260	200	165	20	99	3	127	4	17.5
65	145	280	200	185	20	118	3	146	8	17.5
80	155	300	250	203.2	22	132	3	165	8	17.5
100	175	350	250	228.6	24	156	3	190.5	8	17.5
125	200	400	315	279.4	26	184	3	235	8	22.3

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Size (mm)	CF	H	ØW	ØFD	FT	ØRFD	RFH	k	n	Ød
150	225	430	400	304.8	26	211	3	260.4	12	22.3

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