

## AV-259 Cast Iron Stop Cum Non-Return Valve, Flanged Ends, PN-16

### Features

Type of Pattern	Straight / Right Angle Pattern
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 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

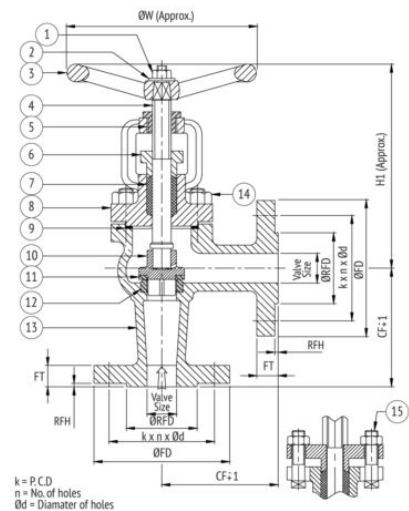
Test Certificate in Form III-C as per IBR is furnished with every supply.

### Suitability

Water, Steam, Oil

### Material Combination

S.No	Description	No.	Material
1	Nut	1	Carbon Steel
2	Washer	1	Carbon Steel
3	Handwheel	1	Cast Iron
4	Stem	1	Stainless Steel
5	Yoke Bush	1	Al. Bronze / Stainless Steel
6	Gland Flange	1	Cast Iron
7	Gland Packing	-	Graphited Asbestos
8	Bonnet	1	Cast Iron
9	Gasket	1	C.A.F.
10	Disc	1	Cast Iron
11	Disc Ring	1	Stainless Steel
12	Body Seat Ring	1	Stainless Steel
13	Body	1	Cast Iron
14	Studs & Nuts	To Suit	Carbon Steel
15	T Heads Bolts & Nuts	2 Each	Carbon Steel



### Dimensional Data

Size (mm)	CF	H1	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	165	140	18	76	3	98.4	4	17.5
40	115	220	165	150	18	84	3	104.8	4	17.5
50	125	260	165	165	20	99	3	127	4	17.5
65	145	280	200	185	20	118	3	146	8	17.5
80	155	300	200	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	250	279.4	26	184	3	235	8	22.3
150	225	430	315	304.8	26	211	3	260.4	12	22.3