AV-280A Cast Carbon Steel Stop Cum Non Return Valve, Flanged Ends, PN-40 IBR Approved

Features



Type of Pattern	Right Angle Pattern
Product Standard	BS EN-13709
Testing Standard	BS EN 12266-Part 1
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
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 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

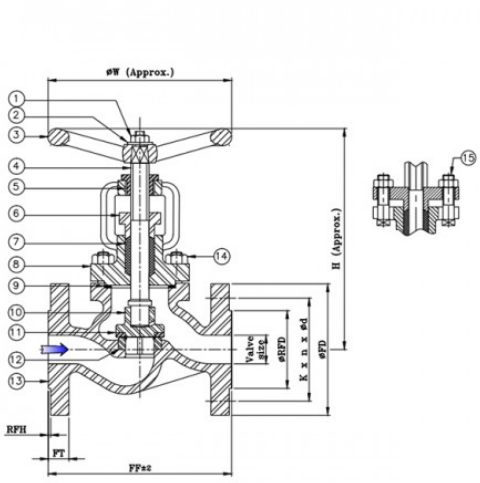
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Nut	1	Carbon Steel	–
2	Washer	1	Carbon Steel	–
3	Handwheel	1	C.I. / M.I.	–
4	Stem	1	Stainless Steel	ASTM A 276 Type 410
5	Yoke Bush	1	Al Bronze / M.S.	BS 1982 Gr. CC331G / –
6	Gland Flange	1	C.C.S	ASTM A216 Gr. WCB
7	Gland Packing	–	Graphited Asbestos	–
8	Bonnet	1	C.C.S.	ASTM A 216 Gr. WCB
9	Gasket	1	CAF	–
10	Disc	1	S.S. / C.C.S	ASTM A276 Type 410 / ASTM A216 Gr. WCB
11	Disc Ring	1	S.S. / Stainless Steel	ASTM A276 Type 410 / ASTM A217 Gr. CA15
12	Body Seat Ring	1	Stainless Steel	ASTM A276 Type 410
13	Body	1	C.C.S.	ASTM A 276 Type 410
14	Studs & Nuts	To Suit	Carbon Steel	–
15	T-Head Bolts & Nuts	2 Each	Carbon Steel	–



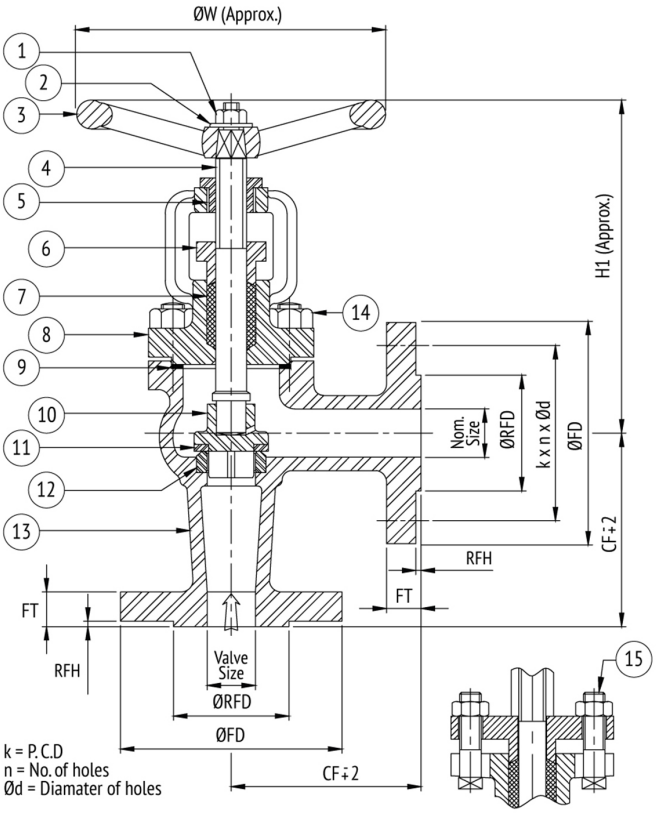
Dimensional Data

Size (mm)	CF	H1	ØW	ØFD	ØRFD	RFH	K	n	ØD	FT
25	100	210	160	115	68	2	85	4	14	18
32	105	245	160	140	78	2	100	4	18	18
40	115	275	200	150	88	3	110	4	18	18
50	125	275	200	165	102	3	125	4	18	20
65	145	305	250	185	122	3	145	8	18	22
80	155	305	250	200	138	3	160	8	18	24
100	175	360	315	235	162	3	190	8	22	24
125	200	410	315	270	188	3	220	8	26	26
150	225	505	400	300	218	3	250	8	26	28

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