AV-282 Cast Carbon Steel Accessible Feed Check Valve, Flanged Ends

Features



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) + Stellited Facing
End Details	Flanged Ends as per BS-10 Table-H Flat Face
Test Pressure	Body: 700 Psig (Hyd.)
Max. Working Pressure	350 Psig (Steam)
Max. Working Temperature	400°C

Notes

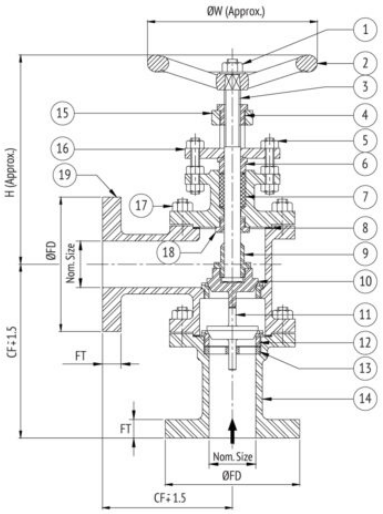
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam

Material Combination

S.No	Description	No.	Material	Specifications
1	Nut	1	Carbon Steel	–
2	Handwheel	1	C.I. / M.I.	IS 210 Gr. FG200 / –
4	Yoke Bush	1	AL. Bronze / M.S	BSEN 1982 CC 331G / –
5	Gland Studs & Nuts	2 & 6	Carbon Steel	–
6, 3	Gland Follower, Stem	1	Stainless Steel	ASTM A 276 Type 410
7	Gland Packing	–	Graphited Asbestos	–
8	Gasket	2	C.A.F.	–
9	Disc Nut	1	Stainless Steel	ASTM A 276 Type 410
10, 11	Disc, Check Valve Disc	1	Stainless Steel	ASTM A 276 Type 410 / ASTM A 217 Gr. CA15
12	Body Seat Ring	2	Stainless Steel	ASTM A 276 Type 410 + Stellite
13	Disc Guide	1	Bronze	IBR 282 (a) (iv) Gr. B
14	Inlet Body	1	C.C.S.	IBR 73 to 80 / ASTM A 216 Gr. WCB
15, 16	Bonnet, Gland Flange	1	C.C.S.	IBR 73 to 80 / ASTM A 216 Gr. WCB
17	Studs & Nuts	To Suit	Carbon Steel	–
18	Back Seat Bush	1	Stainless Steel	ASTM A 276 Type 410
19	Body	1	C.C.S.	IBR 73 to 80 / ASTM A 216 Gr. WCB



Dimensional Data

Size (mm)	CF	CF1	H	ØW	ØFD	FT	K	n	ØD
25	127	165	225	160	120.7	19.1	87.3	4	17.5
40	140	190	235	200	139.7	22.3	104.8	4	17.5
50	152	215	255	200	165.1	25.4	127	4	17.5
65	178	240	285	250	184.2	25.4	146.1	8	17.5
80	203	265	315	250	203.2	31.8	165.1	8	17.5

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