

AV-282 C.C.S. Accessible Feed Check Valve (Angle Type)

Features

Bolted Bonnet, Outside Screw, Yoke Type, Rising Stem, SS Trim with Back Seat Arrangement
Flanges as per BS-10 Table 'J' FF (Undrilled)

Test Pressure

Body : 700 Psig (Hyd.)
Max. B.O.P. : 350 Psig
Max. Working Temp. : 400°C

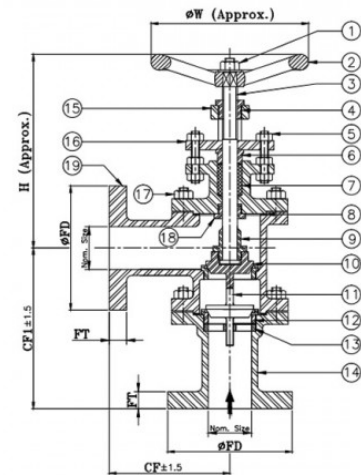
Suitability

Water, Steam



Material Combination

P.No.	Name of Part	Material	Specification
1	Nut	Carbon Steel	-
2	Handwheel	Cast Iron / M.I.	IS 210 Gr. FG200
3	Stem	Stainless Steel	ASTM A276 Type 410
4	Yoke Bush	Stainless Steel	ASTM A582 Type 416 / ASTM A276 Type 410
5	Gland Studs and Nuts	Carbon Steel	-
6	Gland Follower	Stainless Steel	ASTM A276 Type 410
7	Gland Packing	Graphited Asbestos	-
8	Gasket	C.A.F.	-
9	Disc Nut	Stainless Steel	ASTM A276 Type 410
10	Disc	Stainless Steel	ASTM A276 Type 410 / ASTM A217 Gr. CA15
11	Check Valve Disc	Stainless Steel	ASTM A276 Type 410 / ASTM A217 Gr. CA15
12	Body Seat Ring	Stainless Steel	ASTM A276 Type 410 + Stellite
13	Disc Guide	Bronze	IBR 282 (a) (iv) Gr.B
14	Inlet Body	Cast Carbon Steel	IBR 73 to 80 / ASTM A216 Gr. WCB
15	Bonnet	Cast Carbon Steel	IBR 73 to 80 / ASTM A216 Gr. WCB
16	Gland Flange	Cast Carbon Steel	IBR 73 to 80 / ASTM A216 Gr. WCB
17	Studs and Nuts	Carbon Steel	-
18	Back Seat Bush	Stainless Steel	ASTM A276 Type 410
19	Body	Cast Carbon Steel	IBR 73 to 80 / ASTM A216 Gr. WCB



Dimensional Data

Nominal Size (mm)	CF ±1.5	CF1 ±1.5	H	ØW	ØFD	FT
25	127	165	225	160	120.7	19.1
40	140	161	245	200	139.7	22.3
50	152	215	255	200	165.1	25.4
65	178	240	285	250	184.2	25.4
80	203	265	315	250	203.2	31.8