

AV-285A Cast Carbon Steel Full Lift Safety Valve, Flanged Ends, Class-300

Features

Type of Pattern	Right Angle Pattern
Body Material	Cum Standard Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Spring Loaded, Full Lift
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410) + Stellite Facing
End Details	Inlet Flanged Ends as per ASME B16.5 Class-300, Outlet Flanged Ends as per ASME B16.5 Class-300
Test Pressure	Body: 700 Psig (Hyd.)
Max. Working Pressure	350 Psig (Steam)
Max. Working Temperature	400°C
Max. Set Pressure	350 Psig (Steam)

Notes

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

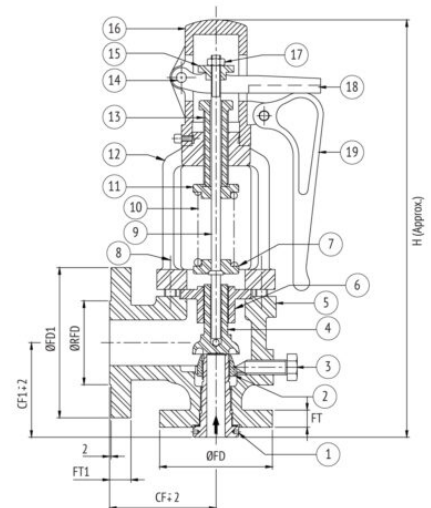
Suitability

Steam



Material Combination

S.No	Description	No.	Material
1, 4	Nozzle, Disc	1	S.S. / C.C.S.
2	Regulating Ring	1	Bronze
3	Screw	1	Carbon Steel
5	Body	1	C.C.S.
6	Disc Guide	1	S.S. / C.C.S.
7, 11	Lower/ Upper Spring Disc	1	Carbon Steel
8	Studs & Nuts	To Suit	Carbon Steel
9	Stem	1	Stainless Steel
10, 13	Spring, Adjusting Screw	1	Carbon Steel / S.S.
12	Yoke	1	C.C.S.
14	Pin	1	Steel
15	Locking Nut	1	Steel
16	Cap	1	C.C.S.
17	Nut	1	Carbon Steel
18	Fulcrum	1	SG Iron
19	Lever	4	SG Iron



Dimensional Data

Size (mm)	CF	CF1	ØFD	ØFD1	ØRFD	FT	FT1
25 x 50	108	83	125	165	92.1	17.9	22.7
40 x 80	127	120	155	210	127	21.1	29
50 x 100	150	157	165	255	157.2	22.7	32.2