

AV-283 Cast Carbon Steel Single Post Hi-Lift Safety Valve, Flanged Ends



Features

Type of Pattern	Right Angle Pattern
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Spring Loaded, High 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 BS-10 Table-H Flat Face (Undrilled), Outlet Flanged Ends as per BS-10 Table-D Flat Face (Undrilled)
Test Pressure	Body: 500 Psig (Hyd.)
Max. Working Pressure	250 Psig (Steam)
Max. Working Temperature	400°C
Max. Set Pressure	250 Psig (Steam)

Notes

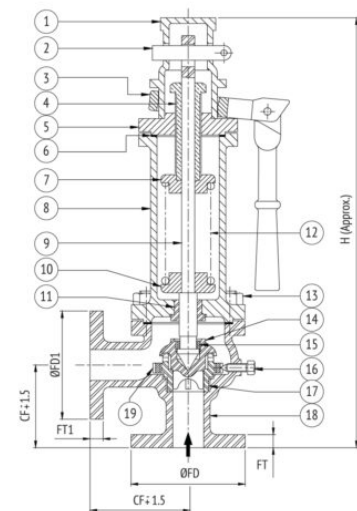
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Steam

Material Combination

S.No	Description	No.	Material
1, 3, 5	Cap, Lever, Cover	1	Cast Iron
2	Cotter	1	Bronze
4	Adjusting Screw	1	Stainless Steel
6	Gasket	2	C.A.F.
7	Upper Spring Disc	1	Cast Iron
8	Spring Chamber	1	Cast Iron
9	Stem	1	Stainless Steel
10	Lower Spring Disc	1	Cast Iron
11, 15	Bush, Ring	1	Bronze
12	Spring	2	Carbon Steel
13	Bolts & Nuts	To Suit	Carbon Steel
14	Disc	1	Stainless Steel
16	Screw	1	Carbon Steel
17	Body Seat Ring	1	Stainless Steel
18	Body	1	C.C.S.
19	Adjusting Ring	1	Bronze



Dimensional Data

Size (mm)	CF	CF1	ØFD	FT	ØFD1	FT1	H
25	108	89	120.7	14.3	114.3	9.5	455
40	121	102	139.7	17.5	133.4	12.7	525
50	140	121	165.1	19.1	152.4	14.3	580