

## AV-284 Cast Carbon Steel Double Post Hi-Lift Safety Valve, Flanged Ends

### Features

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

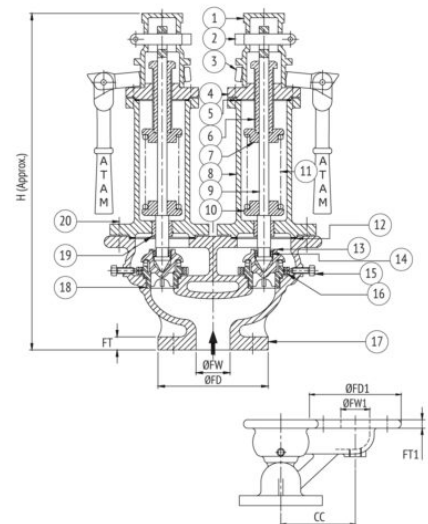
Test Certificate in Form III-C as per IBR is furnished with every supply.

### Suitability

Steam

### Material Combination

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



### Dimensional Data

Table - H

Size (mm)	CC	ØFW	ØFD	FT
25	152.4	38.1	139.7	17.5
40	165	57.2	184.2	19.1
50	190.5	73	203.2	22.3

Table - D

Size (mm)	CC	ØFW1	FD1	FT1	H
25	152.4	38.1	133.4	12.7	480
40	165	63.5	165.1	14.3	565
50	190.5	76.2	184.2	14.3	630