

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

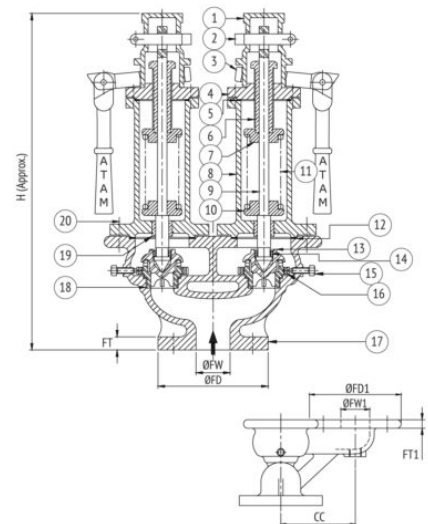
Test Certificate in Form III-C as per IBR is furnished with every supply.

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