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) + Stellited 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

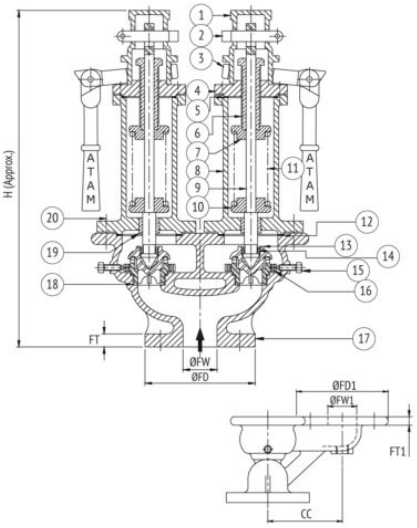
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Steam

Material Combination

S.No	Description	No.	Material	Specifications
1, 3, 4	Cap, Lever, Cover	2	Cast Iron	IBR 86 to 93 Gr. A
2	Cotter	2	Bronze	IBR 282 (a) (iv) Gr. B
5, 12	Gasket	2	C.A.F.	–
6	Adjusting Screw	2	Stainless Steel	AISI 410
7	Upper Spring Disc	2	Cast Iron	IBR 86 to 93 Gr. A
8	Spring Chamber	2	Cast Iron	IBR 86 to 93 Gr. A
9	Stem	2	Stainless Steel	AISI 410
10	Lower Spring Disc	2	Cast Iron	IBR 86 to 93 Gr. A
11	Spring	2	Spring Steel	IBR 307
13	Disc	2	Stainless Steel	ASTM A 217 Gr. CA15 / ASTM A 276 Type 410 + Stellite
14, 16	Ring, Regulating Ring	2	Bronze	IBR 282 (a) (iv) Gr. B
15	Screw	2	Carbon Steel	–
17	Body	2	Carbon Steel	IBR 73 to 80
18	Body Seat Ring	2	Stainless Steel	ASTM A 276 Type 410 + Stellite
19	Bush	1	Bronze	IBR 282 (a) (iv) Gr. B
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

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Size (mm)	CC	ØFW1	FD1	FT1	H
50	190.5	76.2	184.2	14.3	630

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