

## AV-283 C.C.S. Single Post Hi-Lift Safety Valve

### Features

High Lift with Stainless Steel Steam, Spring Loaded, Right Angle Pattern, High Lift, Renewable Seat & Disc  
Inlet Flange to BS-10 Table-H F/F (Undrilled), Outlet Flanged to BS-10 Table-D FF (Undrilled)

### Test Pressure

Body : 500 Psi g (Hyd.)  
Max. Set Pressure : 250 Psi g  
Max. Working Temp. : 400°C

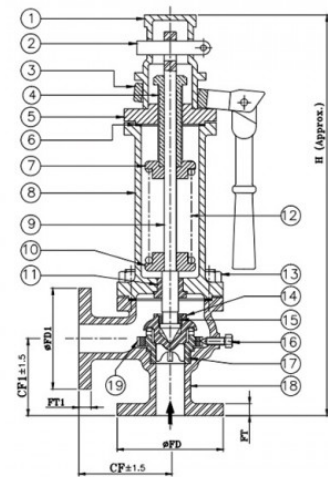
### Suitability

Steam



### Material Combination

P.No.	Name of Part	Material	Specification
1	Cap	Cast Iron	IBR 86 to 93 Gr.A
2	Cotter	Bronze	IBR 282 (a) (iv) Gr.B
3	Lever	Cast Iron	IBR 86 to 93 Gr.A
4	Adjusting Screw	Stainless Steel	AISI 410
5	Cover	Cast Iron	IBR 86 to 93 Gr.A
6	Gasket	C.A.F	-
7	Upper Spring Disc	Cast Iron	IBR 86 to 93 Gr.A
8	Spring Chamber	Cast Iron	IBR 86 to 93 Gr.A
9	Stem	Stainless Steel	ASTM A276 Type 410
10	Lower Spring Disc	Cast Iron	IBR 86 to 93 Gr.A
11	Bush	Bronze	IBR 282 (a) (iv) Gr.B
12	Spring	Carbon Steel	IBR 307 TO 314
13	Bolts and Nuts	Carbon Steel	-
14	Disc	Stainless Steel	ASTM A217 Gr. CA15 / ASTM A276 Type 410 + Stellite
15	Ring	Bronze	IBR 282 (a) (iv) Gr.B
16	Screw	Carbon Steel	-
17	Body Seat Ring	Stainless Steel	ASTM A276 Type 410 + Stellite
18	Body	Cast Carbon Steel	IBR 73 TO 80
19	Adjusting Ring	Bronze	IBR 282 (a) (iv) Gr.B



### Dimensional Data

Nominal Size (mm)	CF ±1.5	CF1 ±1.5	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