

AV-285A Cast Carbon Steel Spring Loaded Full-Lift Safety Valve

Features

Spring Loaded, Full Lift, Renewable Seat & Disc, SS Trim
Inlet Flanged to ASME B16.5 Class-300

Test Pressure

Body : 700 Psi g (Hyd.)
Set Pressure : Max. 350 Psi g

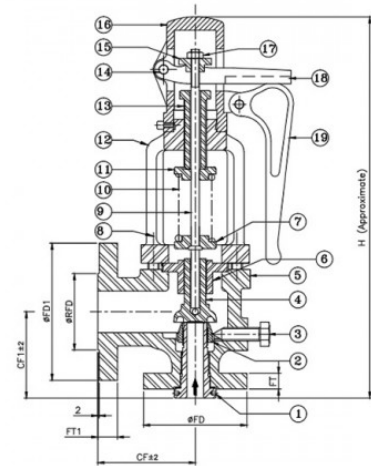
Suitability

Steam



Material Combination

P.No.	Name of Part	Material	Specification
1	Nozzle	Stainless Steel / Cast Carbon Steel	ASTM A276 TYPE 410 / ASTM A217 Gr. CA15 + Stellite
2	Regulating Ring	Bronze	IBR 282 (a) (iv) Gr.B
3	Screw	Carbon Steel	-
4	Disc	Stainless Steel / Cast Carbon Steel	ASTM A276 TYPE 410 / ASTM A217 Gr. CA15 + Stellite
5	Body	Cast Carbon Steel	ASTM A216 Gr. WCB
6	Disc Guide	Stainless Steel / Cast Carbon Steel	ASTM A276 TYPE 410 / ASTM A217 Gr. CA15
7	Lower Spring Disc	Carbon Steel	-
8	Studs And Nuts	Carbon Steel	-
9	Stem	Stainless Steel	ASTM A276 TYPE 410
10	Spring	Carbon Steel	IBR 307 TO 314
11	Upper Spring Disc	Carbon Steel	-
12	Yoke'	Cast Carbon Steel	ASTM A216 Gr. WCB
13	Adjusting Screw	Stainless Steel	ASTM A276 TYPE 410
14	Pin	Steel	-
15	Locking Nut	Steel	-
16	Cap	Cast Carbon Steel	ASTM A216 Gr. WCB
17	Nut	Carbon Steel	-
18	Fulcrum	S.G. Iron	-
19	Lever	S.G. Iron	-



Dimensional Data

Nominal Size (mm)	CF ±2	CF1 ±2	ØFD	ØFD1	ØRFD	FT	FT1	H
25×50	117	104.5	125	165	92.1	17.9	22.7	498
40×80	127	120	155	210	127	21.1	29	560
50×100	150	157	165	255	157.2	22.7	32.2	-