

SS Safety Valve

VOLFRAM offers Safety Valve for Steam & other media application with precise pressure release settings to avoid the mechanical damage to equipment & surroundings, injury to the operators, loss of production etc. because of the higher pressure rise.

In the event of the Control valves malfunctioning, the equipment to which it is supplying steam or any other media needs to be safeguarded from increase in pressure. This necessitates the installation of a Safety valve at each equipment.



Features

- Complete SS316 construction
- Suitable for various medias
- Highly Robust
- Suitable for the chemical industries where there is corrosive atmosphere
- Comes with factory setting of safety pressure
- Easy to install
- Compact Design
- High Discharge Capacity
- Pressure Range upto : 0.5 bar to 18 bar
- Temp. Range upto : 280 Deg C
- Self Draining Body Design ensures no residues & corrosion

Applications

- Saturated Steam
- Compressed Air / other gases
- Cylinder filling stations
- Chemical plants equipments, reactors etc,
- Pressure Vessels

An ISO 9001:2008 Certified Company



Material of Construction:

Sr. No.	Component	MOC
1	Inlet Body	SS316
2	Outlet Body	A351 Gr. CF8M
3	Disc	Ss316
4	Lifting Aid	SS316
5	Spindle	SS316
6	Upper Spring Plate	SS316
7	Lower Spring Plate	Ss316
8	Adjusting Screw with Bushing	SS316
9	Lock Nut	SS316
10	Spring	Stainless steel, Alloy steel
11	Roll pin for disc	SS316
12	Ball	SS316
13	Cap	SS316
14	Lead Seal	Lead

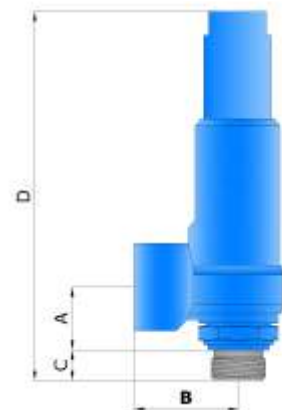
Capacity Chart:

Set Pressure bar(g)	Capacities		
	Water m ³	Steam kg/hr	Air m ³ /hr
0.5	1.08	29	34
1	1.5	43	51
2	2.1	70	84
3	2.5	94	115
4	2.9	118	145
5	3.3	141	174
6	3.6	164	204
7	3.9	186	233
8	4.1	209	262
9	4.4	232	292
10	4.6	255	321
12	5.1	301	380
14	5.5	346	439
16	5.9	392	498
18	6.2	437	556

Note : Capacities are based on set pressure plus 10% overpressure.

Dimensional Details

Size		Dimensions			Approx. Weight
Inlet	Outlet	H	A	B	Kg
NB	NB	mm	mm	mm	-
15	25	188	48	48	1.2
20	25	190	50	48	1.2
25	25	192	52	48	1.2



Volfram Boiler and Steam Accessories



Steam Boilers



Condensate Recovery System



Rotating Plug Float Trap



Flow Meter



Pressure Gauge



SS Safety Valve



Non Return Valve



Steam Injector



Control Valve



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