

G.M. SAFETY VALVE / RELIEF VALVE

(Screwed Ends)

Specification & Features:

Straight Pattern, Open Discharge,

Screwed Male Threads at Inlet to BS 21.

Angle Pattern, Enclosed Discharge, Screwed Male Threads at Inlet and Screwed Female Ends at Outlet to BS 21.

These Valves start opening at the set pressure & open in direct proportion to the increase, in order of set pressure.

These should be installed nearer to the pressure vessel they protect. When installed, they should be one size smaller than the pipeline size.



ITEM CODE # GM - 510

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Materials of Construction

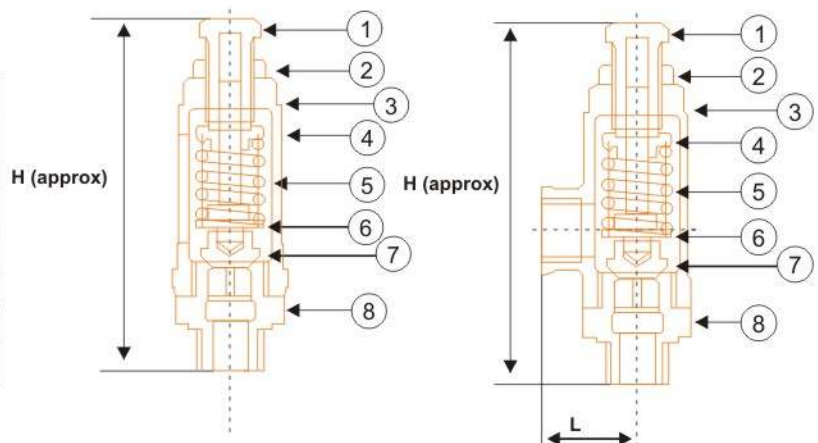
NAME OF PART	MATERIAL	STANDARD
1. Adjusting Screw	Bronze	BS: 1982 CC491K
2. Locking Nut	Brass	BS: EN 12165 Gr. W617N
3. Spring Chamber	Bronze	BS: 1982 CC491K
4. Spring Disc	Bronze	BS: 1982 CC491K
5. Spring	Carbon Steel	EN 44
6. Stem	HT Brass	BS: EN 12165 Gr. CW721R
7. Disc	Bronze	BS: 1982 CC491K
8. Body	Bronze	BS: 1982 CC491K

Testing :

Each Safety / Relief Valve is tested for Body and Seat Tightness at 300 Psig (Hyd.)

Sizes / Dimensions

SIZES		DIMENSIONS (mm)	
Inch	mm	H	L
1/2"	15	148	38
3/4"	20	160	39
1"	25	178	48
1.1/4"	32	180	50
1.1/2"	40	210	59
2"	50	255	59



Setting :

The Safety / Relief Valve is normally pre-set at 5 Bar but is adjustable from 2 Bar to 10 Bar. To set the pressure, connect the male inlet end of the valve to the supply system which is fitted with a pressure gauge. Unscrew the locking Nut. Set the Adjusting Screw with a spanner by turning clockwise to increase the pressure & anti-clockwise to decrease the pressure. Check the Gauge. Screw the Locking nut tightly.

B.V.M. MANUFACTURERS & EXPORTERS

