FMSRV61 (DN 15)

Forbes Marshall Safety Relief Valve

Description

The Forbes Marshall Safety Relief Valve FMSRV is a high lift safety valve with Stainless steel seat, valve and body and internals suitable for use on steam and water.

Size and Pipe Connections

DN 15
Screwed BSPT/BSP/NPT
Note : Available with IBR certificate

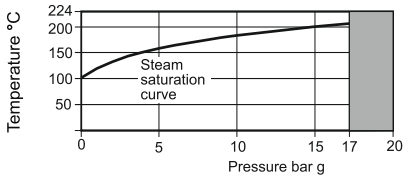
For following set pressure ranges 5 colour coded springs are available

05 to 15 psi (0.344 to 1.03 bar g)	White
15 to 35 psi (1.03 to 2.41 bar g)	Yellow
35 to 75 psi (2.41 to 5.17 bar g)	Green
75 to 125 psi (5.17 to 8.62 bar g)	Blue
125 to 175 psi (8.62 to 12.06 bar g)	Red
175 to 250 psi (12.06 to 17.24 bar g)	Black

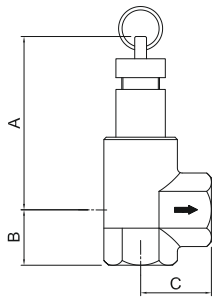
Limiting Conditions

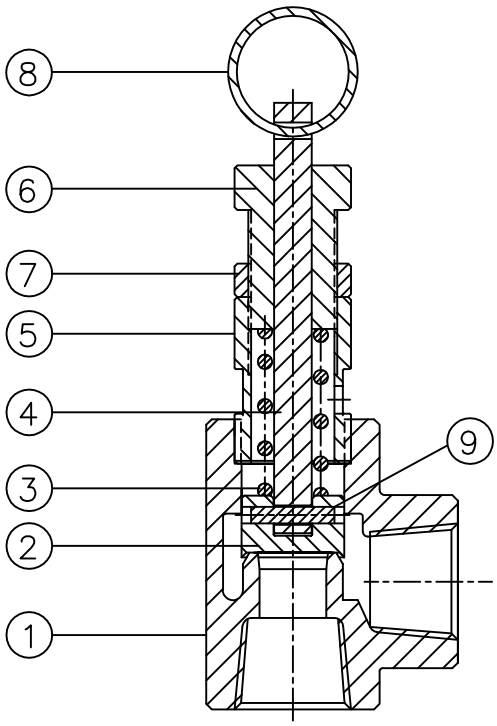
Minimum blow off pressure	0.34 bar g
Maximum blow off pressure	17.3 bar g

Operating Range



The product must not be used in this region.





Material

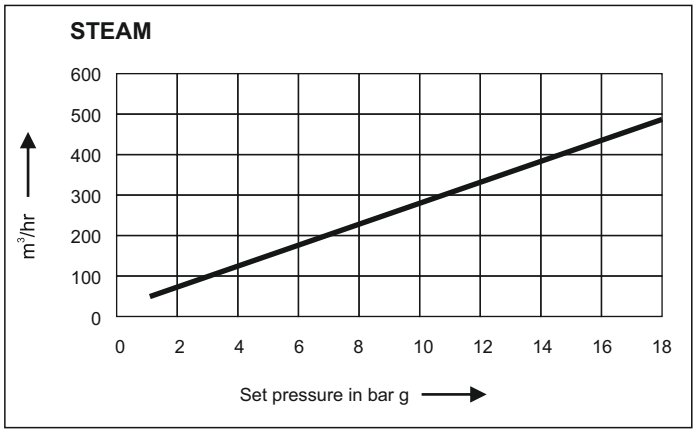
No.	Part	Material	Standard
1	Body	SS	ASTM A 351 GR CF8
2	Valve Head	SS	ASTM A 351 GR CF8
3	Spring	Spring Steel	I.S. 4454 part IV
4	Spindle	SS	ASTM A 276 GR SS304
5	Bonnet	SS	ASTM A 276 GR SS304
6	Adjustment Cap	SS	ASTM A 276 GR SS304
7	Lock Nut	SS	ASTM A 276 GR SS304
8	Ring	SS	SS 304
9	Dowel Pin	SS	ASTM A 276 GR SS304

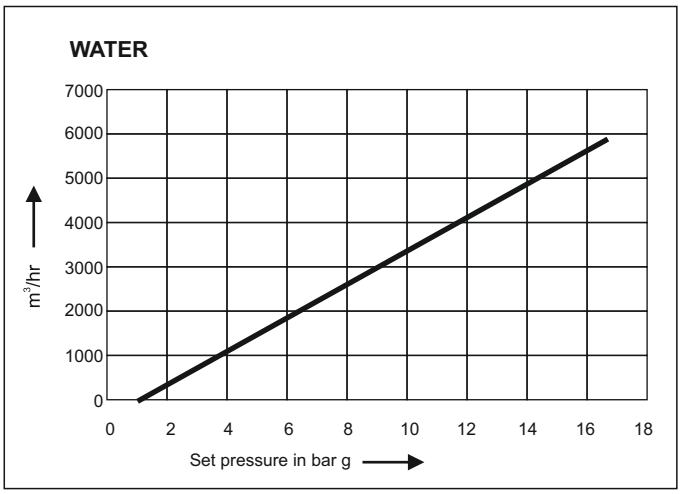
Dimensions: (approx.) in mm

Size (DN)	A	B	C	Weight (kg)
15	87	23	30	0.42

Capacity Chart

Discharge capacities with 10% accumulation above the set pressure for various fluids shown below





Installation

The safety valve should always be fitted with the centre line of the spring housing vertically above the valve. If the discharge pipe is not self-draining then a separate drain pipe with continuous fall should be provided.

The outlet from the safety valve should be arranged to discharge to a safe place where it is visible but cannot cause damage or injury to persons.

These valves are not suitable for mounting on boilers.

How to Order

Example: Forbes Marshall Safety Valve, FMSRV61 , DN15 with BSPT ends and a set pressure of 6 bar g.

Note : available with IBR certificates

Available Spares

Valve Head and Spindle Kit

Spring Kit

How to Order Spares

Always order spares by using the description given in the column headed available spares. For codes refer user manual.

FORBES MARSHALL

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