

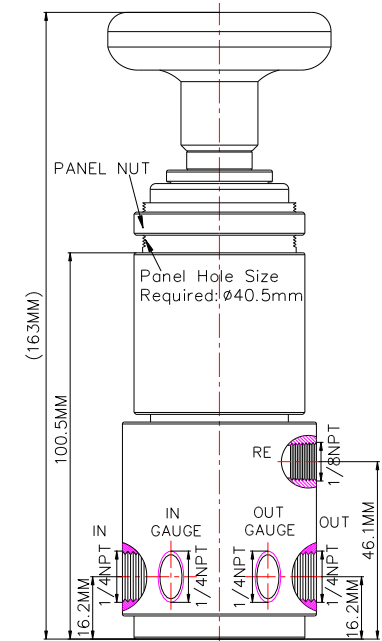
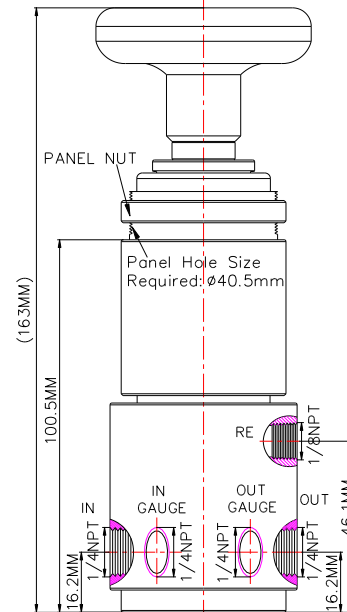
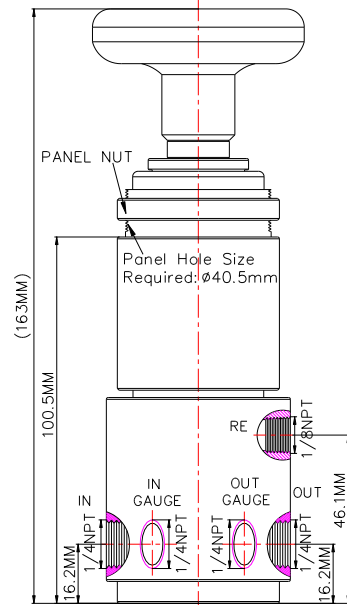
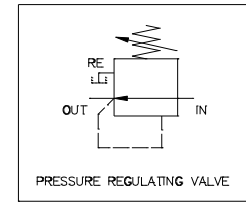


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# PRESSURE REGULATING VALVE

## Descriptions

MV794LF6K-150 / (350 / 550)-1/4GR-P is a 2-Position, Normally Open Self-Relieving Pressure regulator. A pressure regulator is a **valve** that automatically cuts off the flow of a gas at a certain pressure. They are used to allow high-pressure fluid supply lines to be reduced to safe and/or usable pressures for various applications. The pressure media enters the regulator through by IN port, turning the adjusting wheel **clockwise** will increase the spring exerted tension to **increase** the regulator **output pressure**, rotating the adjusting wheel **counterclockwise** will **decrease** the regulator **output pressure**, and this reduced output pressure will be maintained within a predetermined operating pressure range or limit.



Ordering Ref : MV 794LF6K-150-1/4GR-P  
Corresponding Ordering Ref : MV 7946010-L

Ordering Ref : MV 794LF6K-350-1/4GR-P  
Corresponding Ordering Ref : MV 7946011-L

Ordering Ref : MV 794LF6K-550-1/4GR-P  
Corresponding Ordering Ref : MV 7946012-L

## Specification

Port Connection Size	Input & Output: 1/4" - 18NPT F Return: 1/8" - 27NPT F, Gauge: 1/4" - 18NPT F (2X)
Net Weight	1.55 kg
Working Media	Air
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316L
Adjusting Wheel Material	Polyamide <i>Other Material are available, Consult Factory</i>
Orifice Size	Ø2.8mm (7/64")
Flow Rate	Cv = 0.2
Panel Hole Size	Ø40.5mm (1 19/32")
Seal Material	Viton (FKM) <i>Other Material Are Available upon request.</i>

## Distinctions

Ordering Ref No	Working Pressure
MV 794LF6K-150-1/4GR-P	Max Inlet Pressure: Services up to 10,000psi(689.4bar), Optimum 6,000psi (413.7bar) Output Pressure Range: 0-150psi (0-10.3bar)
MV 794LF6K-350-1/4GR-P	Max Inlet Pressure: Services up to 10,000psi(689.4bar), Optimum 6,000psi (413.7bar) Output Pressure Range: 0-350psi (0-24.1bar)
MV 794LF6K-550-1/4GR-P	Max Inlet Pressure: Services up to 10,000psi (689.4bar), Optimum 6,000psi (413.7bar) Output Pressure Range: 0-550psi (0-37.9bar)

\*\*Measurement stated is with tolerance of +/-10%. Optional Parts/Material are available upon request.

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