

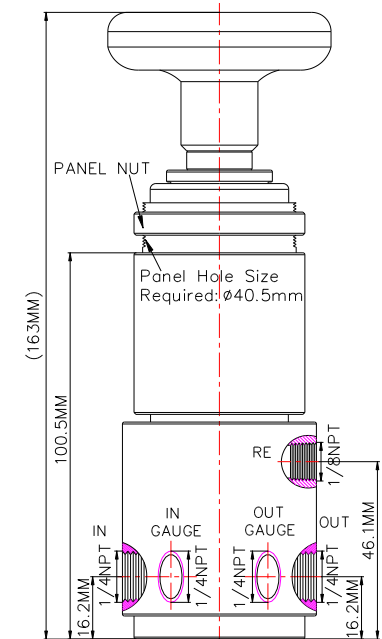
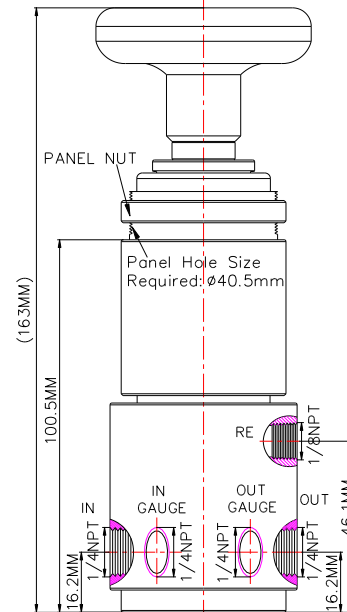
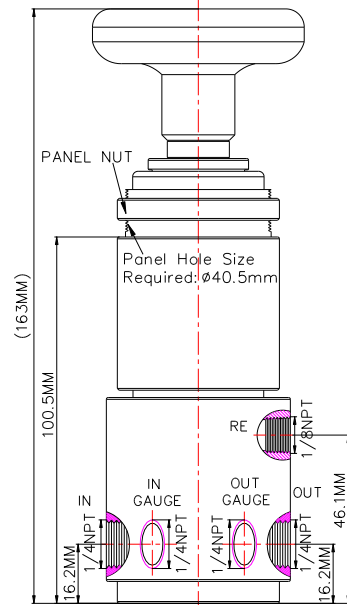
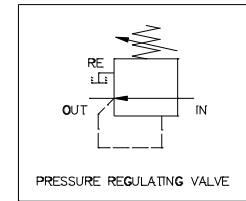


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PRESSURE REGULATING VALVE

Descriptions

MV794HF6K-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 794HF6K-150-1/4GR-P
Corresponding Ordering Ref : MV 7946010-H

Ordering Ref : MV 794HF6K-350-1/4GR-P
Corresponding Ordering Ref : MV 7946011-H

Ordering Ref : MV 794HF6K-550-1/4GR-P
Corresponding Ordering Ref : MV 7946012-H

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	Oil
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	Nitrile Rubber (NBR) <i>Other Material Are Available upon request.</i>

Distinctions

Ordering Ref No	Working Pressure
MV 794HF6K-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 794HF6K-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 794HF6K-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.

MACIS PTE LTD

Blk 3015A Ubi Road 1, #01-02 & #01-06 Kampong Ubi Industrial Estate, Singapore 408705

Email : sales@macis.com.sg Tel : 65-6749 6011 / 65-6749 7882 Fax : 65-6749 1398