



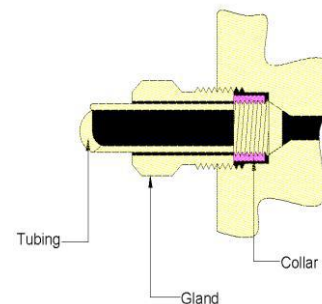
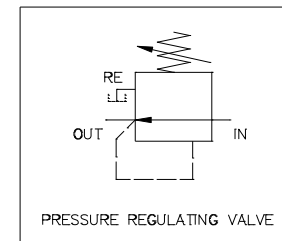
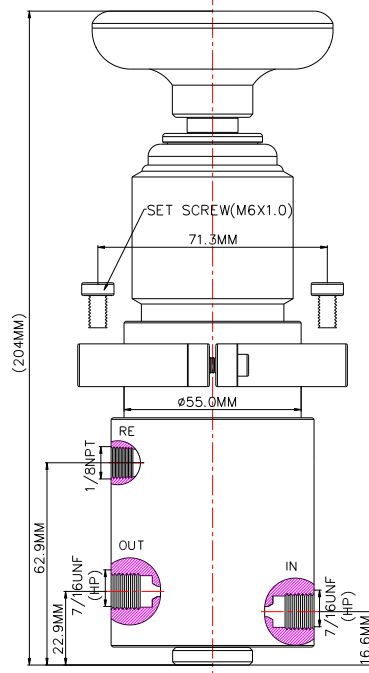
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PRESSURE REGULATING VALVE

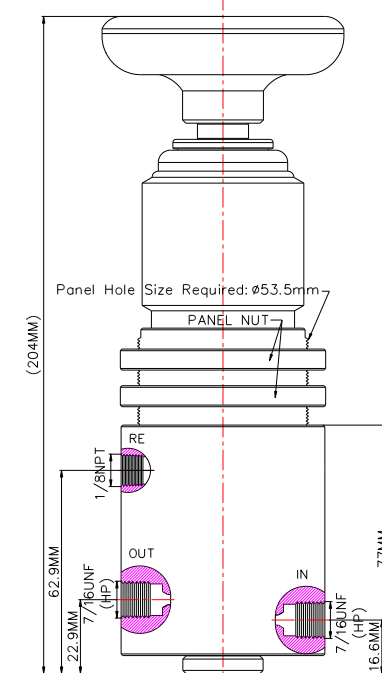
Descriptions

MV794LF20K-12K-7/16R-S/ (P) is a 2-Position, Normally Open Self-Relieving Pressure regulator. A pressure regulator is a **valve** that automatically cuts off the flow of 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.



Medium pressure tubing ,tubing size is 1/4" ODX0.109"ID, 1/4"Medium Pressure(LF4).



Ordering Ref : MV 794LF20K-12K-7/16R-S

Corresponding Ordering Ref : MV 7946611-SD-L

Ordering Ref : MV 794LF20K-12K-7/16R-P

Corresponding Ordering Ref : MV7946612-SD-L

Specification

Port Connection Size	Input: 7/16"-20UNF F Output: 7/16"-20UNF F Return:1/8"-27NPT F
Net Weight	2.87kg
Working Media	Air
Working Pressure	Max Inlet Pressure: 20,000psi (1,378.9 bar) Output Pressure Range: Services up to 12,000psi (827.4bar), Optimum 500~12,000psi (34.5~827.4bar)
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316L
Orifice Size	Ø2.4mm(3/32 ")
Adjusting Wheel Material	316L <i>Other Material are available, Consult Factory</i>
Flow Rate	Cv = 0.12
Seal Material	Viton (FKM) <i>Other Material are available, Consult Factory</i>

Distinctions

Ordering Ref No : MV 794LF20K-12K-7/16R-S



Mounting Hole Size: Ø71.5mm (2¹³/₁₆")

Ordering Ref No : MV 794LF20K-12K-7/16R-P



Panel Hole Size : Ø53.5mm(2⁷/₆₄ ")

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

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