

# MINIATURE Precision Regulators

## R57M Models Port Sizes: 1/8, 1/4



Model Shown: R57M-2G

- ◆ Inline mounting.
- ◆ Diaphragm-type design.
- ◆ Self-relieving; non-relieving optional.
- ◆ Pressure gauge.
- ◆ NPTF port threads; optional BSPP threads.
- ◆ Repeatability  $\pm 0.25$  psig (0.017 bar)

### SPECIFICATIONS

**Ambient/Media Temperature:**  
40° to 125°F (4° to 52°C).

**Body:** Aluminum.

**Dome:** Aluminum.

**Fluid Media:** Compressed air.

**Inlet Pressure:** 300 psig (21 bar) maximum.

**Outlet Pressure:** Adjustable up to 50 psig (3.4 bar).  
Adjustable up to 60 psig (4.14 bar) with optional springs.  
With inlet pressure of 100 psig (7 bar) repeatability is within 0.25 psig

**Pressure Gauge:** 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear.

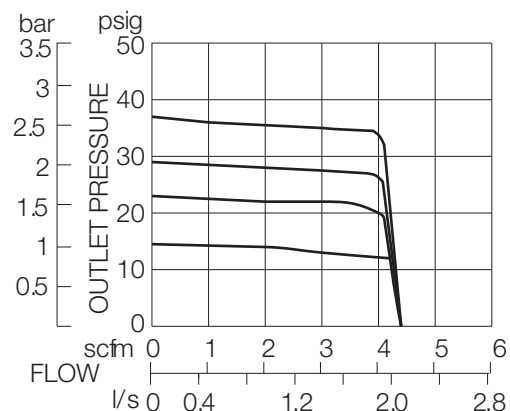
**Panel Mounting:** 1-3/16 inch (30 mm) hole required.

**Seals:** Nitrile.

**Self-relieving:** Non-relieving optional.

### FLOW CHART

Inlet Pressure: 91 psig (6.3 bar)



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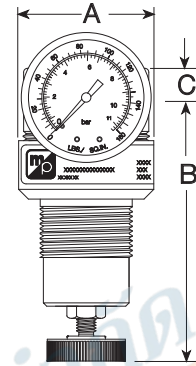
845/3-4 หมู่ 3 ถ.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 10270

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## DIMENSIONS inches (mm)

				Weight †
A	B	C	Depth †	lb (kg)
1.8 (44)	3.4 (86)	0.4 (10)	1.8 (44)	0.38 (0.16)

† Less gauge.



## ORDERING INFORMATION

Change the letters in the sample model number below to specify the regulator you want.

# R57M - 2 Y G W

### PORT SIZE

1/8 NPTF ..... 1  
1/4 NPTF ..... 2

### OPTIONS (More than one option can be chosen. Add in alphabetical order)

None..... Leave Blank

Non-relieving ..... A

Springs: (0-50 psig standard)

For optimum performance operating pressure should fall approximately in the middle of the spring range.

0-60 psig (0-4.1 bar) ..... H

0-20 psig (0-1.4 bar) ..... L20

0-10 psig (0-0.7 bar) ..... L10

0-5 psig (0-0.3 bar) ..... L5

No gauge ports ..... NP

Viton seals ..... V

### PORT TYPE

NPTF threads ..... Leave Blank

BSPF threads ..... W

### OPTIONS (More than one option can be chosen. Add in alphabetical order)

Delete gauge ..... Leave Blank

0-160 PSI Gauge ..... G

Plastic mounting nut ..... P

Metal mounting nut ..... PN

Hex plastic mounting nut ..... PE

### MOUNTING BRACKETS

See page 356.



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