

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 ± 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.

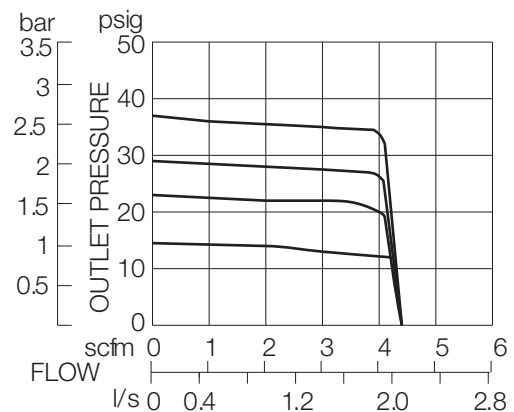
Panel Mounting: 1-3/16 inch (30 mm) hole required.

Seals: Nitrile.

Self-relieving: Non-relieving optional.

FLOW CHART

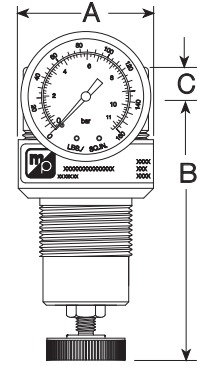
Inlet Pressure: 91 psig (6.3 bar)



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.



MINIATURE Precision Regulator, R57M Series

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
- BSPP 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 320.