

MINIATURE General Purpose Regulators

R55M, R56M Models Port Sizes: 1/8, 1/4



Model Shown: R55M-2G

- ◆ Inline mounting.
- ◆ Piston-type design (R55M models) or diaphragm-type (R56M models).
- ◆ Self-relieving; non-relieving optional.
- ◆ Pressure gauge.
- ◆ NPTF port threads; optional BSPP threads.
- ◆ Miniature regulators have the ability to reverse flow.

SPECIFICATIONS

Ambient/Media Temperature:

40° to 125°F (4° to 52°C).

Body: Aluminum.

Dome and Knob: Acetal.

Fluid Media: Compressed air.

Inlet Pressure: 300 psig (21 bar) maximum.

Outlet Pressure: Adjustable up to 100 psig (7 bar).

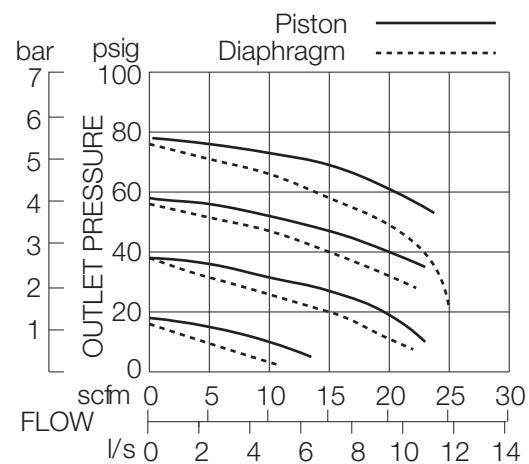
Pressure Gauge: 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear.

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

Seals: Nitrile.

FLOW CHART

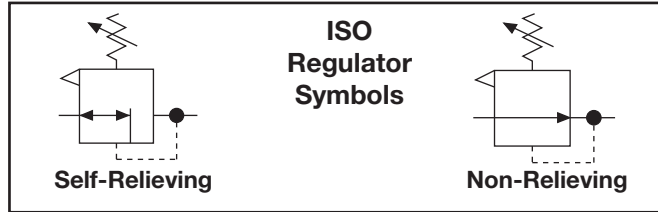
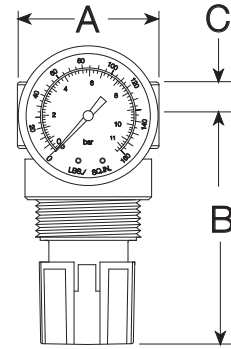
Inlet Pressure: 100 psig (7 bar)



DIMENSIONS inches (mm)

A	B	C	Depth †	Weight † lb (kg)
1.6 (41)	2.7 (68)	0.4 (10)	1.6 (41)	0.24 (0.11)

† Less gauge.



ORDERING INFORMATION

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

R55M B - 2 Y G W

REGULATOR TYPE

Piston typeR55M
Diaphragm typeR56M

BODY MATERIAL TYPE

AluminumLeave Blank
Brass B

PORT SIZE

1/8 NPTF 1
1/4 NPTF 2

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

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

NoneLeave Blank
Non-relievingA
Small valve seatC
Metal dome (threaded).....D
Springs: (0-100 psig standard)

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

0-125 psig (0-8.6 bar)H
0-50 psig (0-3.4 bar)L
0-8 psig (0-0.6 bar)L8
0-15 psig (0-1 bar)L15
0-30 psig (0-2.1 bar)L30

Tamper-resistant spinning knob (psig preset).....MV(*)
No gauge ports NP
Viton sealsV

*Insert maximum limited pressure.

MOUNTING BRACKETS

See page 320.

MINIATURE Stainless Steel General Purpose Regulators

R56S Models Port Sizes: 1/4



Model Shown: R56S-2VG

- ◆ Stainless steel construction provides unique corrosion resistance.
- ◆ Viton elastomers throughout.
- ◆ Inline mounting.
- ◆ Diaphragm-type design.
- ◆ Self-relieving; non-relieving optional.
- ◆ **NPTF** port threads; optional **BSPP** threads.

SPECIFICATIONS

Ambient/Media Temperature:

40° to 125°F (4° to 52°C).

Body: Stainless steel.

Dome and Knob: Acetal.

Fluid Media: Compressed air.

Inlet Pressure: 300 psig (21 bar) maximum.

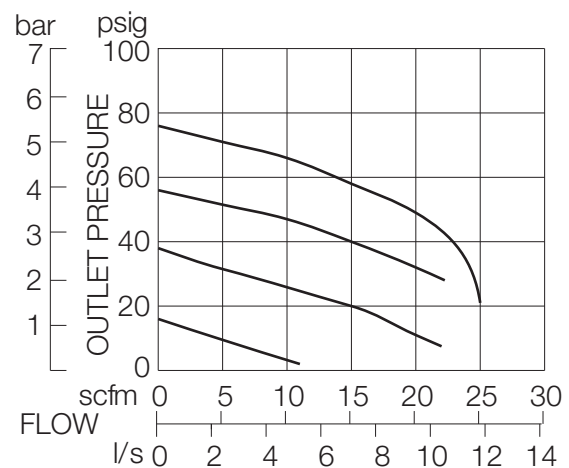
Outlet Pressure: Adjustable up to 100 psig (7 bar).

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

Seals: Viton.

FLOW CHART

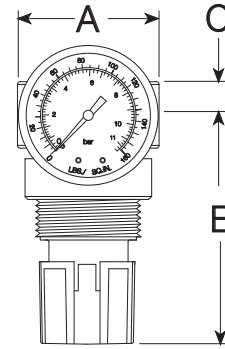
Inlet Pressure: 100 psig (7 bar)



DIMENSIONS inches (mm)

A	B	C	Depth †	Weight †
				lb (kg)
1.6 (41)	2.7 (68)	0.4 (10)	1.6 (41)	0.24 (0.11)

† Less gauge.



ORDERING INFORMATION

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

R56S - 2 Y V G W

PORT SIZE

1/4 NPTF..... 2

PORT TYPE

NPTF threads Leave Blank
 BSPP threads W

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

None Leave Blank
 Plastic mounting nut P
 Metal mounting nut..... PN
 Hex plastic mounting nut PE

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

None..... Leave Blank
 Non-relieving A

Springs: (0-100 psig standard)

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

0-125 psig (0-8.6 bar) H

0-50 psig (0-3.4 bar) L

0-15 psig (0- 1 bar)..... L15

0-30 psig (0-2.1 bar) L30

MOUNTING BRACKETS

See page 320.