

# MINIATURE Stainless Steel General Purpose Regulators

# R56S Models Port Sizes: 1/8, 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.
- ◆ Pressure gauge.
- ◆ 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).

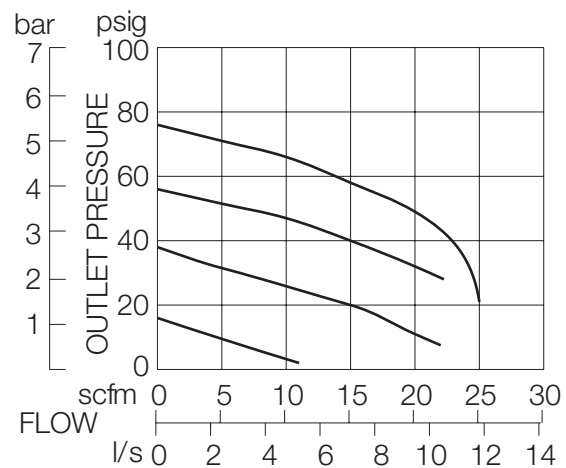
**Pressure Gauge:** 0 to 200 psig (14 bar); 1/4 NPT gauge ports front and rear.

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

**Seals:** Viton.

## FLOW CHART

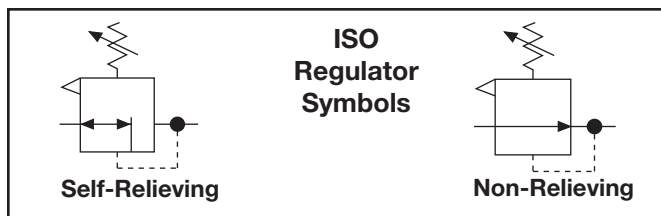
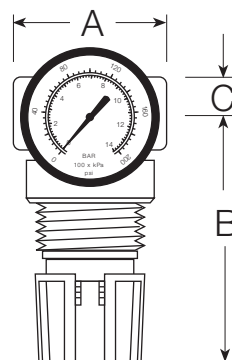
Inlet Pressure: 100 psig (7 bar)



**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**

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

**PORT TYPE**

- NPTF Threads ..... Leave Blank
- BSPF threads ..... W

**OPTIONS** (More than one option can be chosen)

- 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 276.

**OPTIONS** (More than one option can be chosen)

- 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