

MINIATURE Relief Valves

RV56 Models Port Sizes: 1/8, 1/4



Model Shown: RV56-2G

- ◆ Inline mounting.
- ◆ Diaphragm-type design.
- ◆ Pressure gauge.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

40° to 125°F (4° to 52°C).

Body: Aluminum.

Dome and Knob: Acetal.

Fluid Media: Compressed air.

Relieving Range: 1 to 100 psig (0.07 to 6.9 bar).

Maximum Relief Flow Range:

10 to 30 scfm (4.7 to 14 l/s) with a pressure differential of 10 to 15 psi (0.7 to 1 bar).

Minimum Relief Flow: 5 ml/minute.

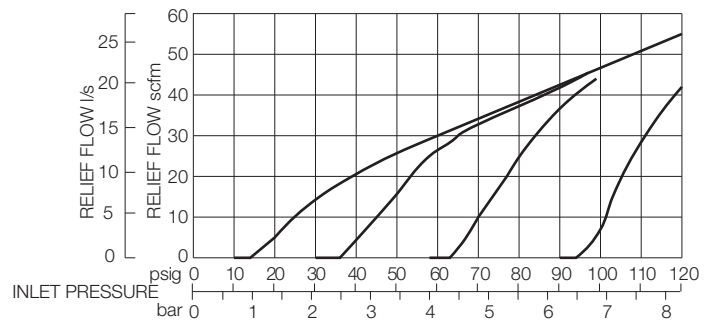
Pressure Gauge: 0 to 160 psig (11 bar); 1-1/2 inch dial face; 1/8 NPT gauge ports front and rear.

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

Seals: Nitrile.

Maximum Inlet Pressure: 300 P.S.I.

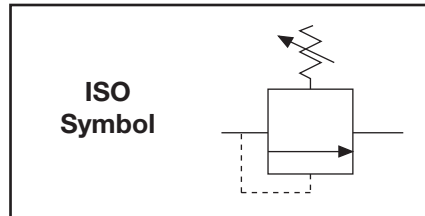
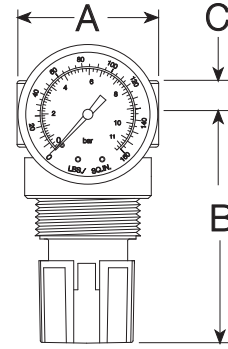
FLOW CHART



DIMENSIONS inches (mm)

A	B	C	Depth †	Weight † lb (kg)
1.6 (41)	2.7 (68)	0.4 (10)	1.6 (41)	0.38 (0.16)

† Less gauge.



MINIATURE Relief Valve RV56 Series

ORDERING INFORMATION

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

RV56 - 2 Y G W

PORT SIZE

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

OPTIONS

- None. Leave Blank
- 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 (0-1.0 bar) L15
 - 0-30 psig (0-2.1 bar) L30

MOUNTING BRACKETS
See page 320.

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

CO₂ MINIATURE Relief Valve

CX (CO₂) Models Port Sizes: 1/8, 1/4



Model Shown: CX-2B0B2A0-2CG

- ◆ Inline mounting.
- ◆ Diaphragm-type design.
- ◆ Outstanding control at relatively low cost
- ◆ Pressure gauge optional.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media temperature:

-40° to 125°F (-40° to 52°C).

Body and dome: Aluminum. Optional anodized coating

Fluid media: CO₂, inert gases

Relieving range: 1-100 psig (0.07 to 6.9 bar).
standard; other ranges are available.

Maximum relief flow range: 10 to 30 scfm (4.7 to 14 l/s) with a pressure differential of 10 to 15 psi (0.7 to 1 bar).

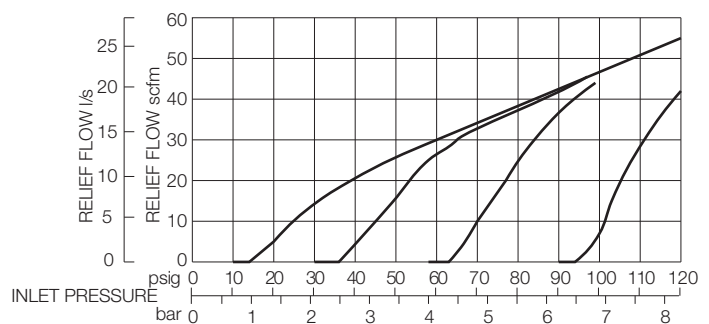
Pressure gauge: 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear. Optional gauges sold separately.

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

Seals: Neoprene seals, o-rings and diaphragm.

Maximum inlet pressure: 250 psi

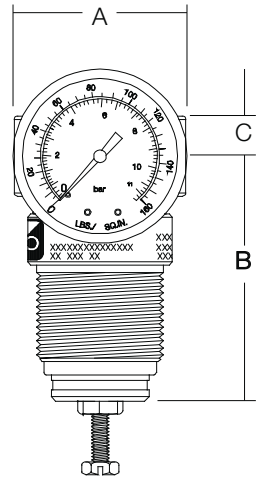
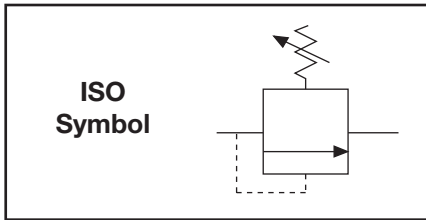
FLOW CHART



DIMENSIONS inches (mm)

A	B	C	Depth †	Weight † lb (kg)
1.6 (41)	2.28 (58)	0.4 (10)	1.6 (41)	0.30 (0.14)

† Less gauge.



CO₂ MINIATURE Regulator CX- Series

ORDERING INFORMATION

Change the letters in the sample model number below to specify the CO₂ relief valve you want.

CX- 2 A 0 B 2 A 0- 2 C G W

ANODIZED TYPE

None A
Clear Anodized head and B
dome.

DOMES TYPE

Threaded metal dome 0
Stainless steel adjustment
screw and stainless steel nut.

O-RING AND SEAL MATERIAL

Neoprene seals, o-rings, 2
and diaphragm.
Nitrile seals, o-rings and 1
diaphragm.

GAUGE OPTION

No Gauge Leave blank
Gauge 0-160 psig G

PORT TYPE

NPTF threads Leave blank
BSPF threads W

SPRING RANGES

0-125 psig (0-8.6 bar) C
0-50 psig (0-3.4 bar) D
0-15 psig (0-1 bar) F
0-30 psig (0-2.1 bar) H

PORT SIZE

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

PANEL MOUNT NUTS

None A
Plastic nut B
Plastic hex nut C
Metal nut * D

* If anodize is chosen, then panel mount nut will be the same color.