

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).

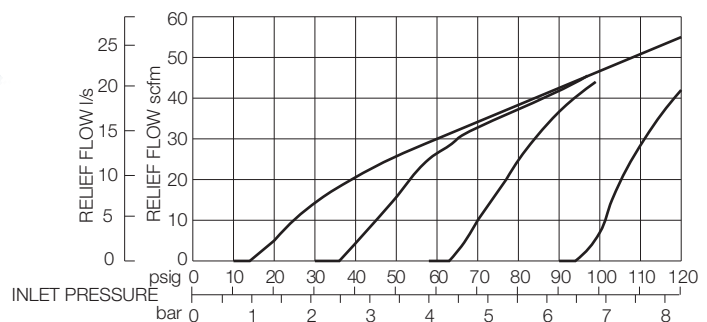
Pressure gauge: 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear. Optional gauges sold separately.

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

Seals: Neoprene seals, o-rings and diaphragm.

Maximum inlet pressure: 250 psi

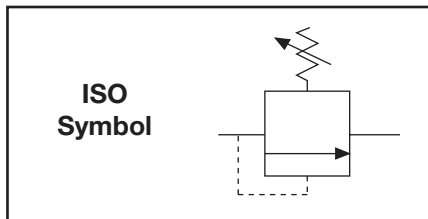
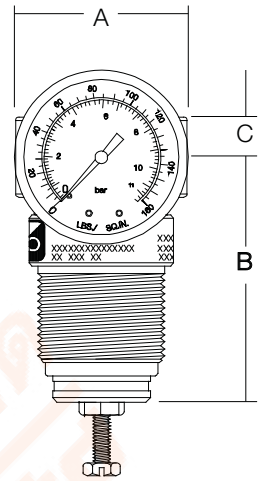
FLOW CHART



DIMENSIONS inches (mm)

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

† Less gauge.



ORDERING INFORMATION

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

GAUGE OPTION

No Gauge Leave blank
Gauge 0-160 psig G

PORT TYPE

NPTF threads Leave blank
BSPF threads W

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

ANODIZED TYPE

None A
Clear Anodized head and B
dome.

DOME TYPE

Threaded metal dome 0
Stainless steel adjustment screw and
stainless steel nut.
Threaded plastic dome 1
standard adjustment knob.
Non threaded metal dome 3
Stainless steel adjustment screw and
stainless steel nut. (cannot be used with
panel mount nut)

O-RING AND SEAL MATERIAL

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

SPRING RANGES

0-250 psig (0-17.3 bar) J
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.



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