

CO₂ MINIATURE Regulators

CX (CO₂) Models Port Sizes: 1/8, 1/4



Model Shown: CX-2B0A1A0-2AG

- ◆ Inline mounting.
- ◆ Available in relieving and non-relieving diaphragm designs.
- ◆ Outstanding control at relatively low cost
- ◆ Pressure gauge optional.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

-40° to 175°F (-40° to 79.4°C).

Body and dome: Aluminum. Optional anodized coating

Fluid Media: CO₂, inert gases

Inlet Pressure: 300 psig (21 bar) maximum.

Outlet Pressure: Adjustable up to 100 psig (7 bar). standard. Optional pressure ranges available.

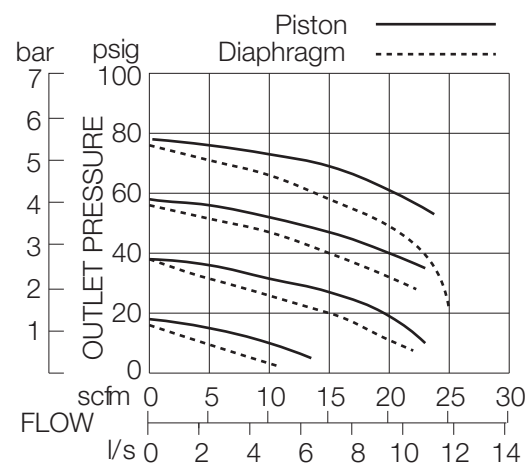
Pressure Gauge: 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear. Optional gauges sold separately.

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

Seals: Neoprene seals and o-rings. Nitrile diaphragm; optional Nitrile seals, o-rings, and diaphragm.

FLOW CHART

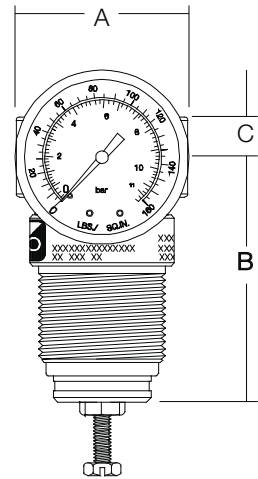
Inlet Pressure: 100 psig (7 bar)



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.



ORDERING INFORMATION

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

CO₂ MINIATURE Regulator CX-Series

REGULATOR TYPE

Relieving diaphragm 0
Non-relieving diaphragm 1

GAUGE OPTION

No Gauge Leave blank
Gauge 0-160 psig G

PORT TYPE

NPTF threads Leave blank
BSPB threads W

CX- 0 A 0 A 0 A 0- 2 A 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.

O-RING AND SEAL MATERIAL

Neoprene seals and o-rings, .. 0
and nitrile diaphragm.
Nitrile seals, o-rings and 1
diaphragm.

SPRING RANGES

0-100 psig (0-7 bar) A
0-175 psig (0-12.1 bar) B
0-125 psig (0-8.6 bar) C
0-50 psig (0-3.4 bar) D
0-8 psig (0-0.6 bar) E
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.