

# CO<sub>2</sub> MINIATURE Regulators

# CX (CO<sub>2</sub>) 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:** CO<sub>2</sub>, inert gases

**Inlet Pressure:** 300 psig (21 bar) maximum.

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

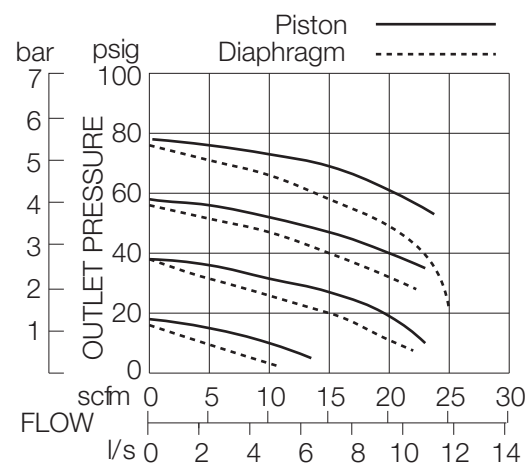
**Pressure Gauge:** 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear. Optional gauges sold separately.

**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

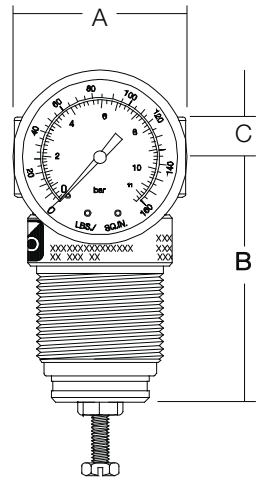
Inlet Pressure: 100 psig (7 bar)



## 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 CO<sub>2</sub> regulator you want.

CO<sub>2</sub> 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.

### DOMES 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.