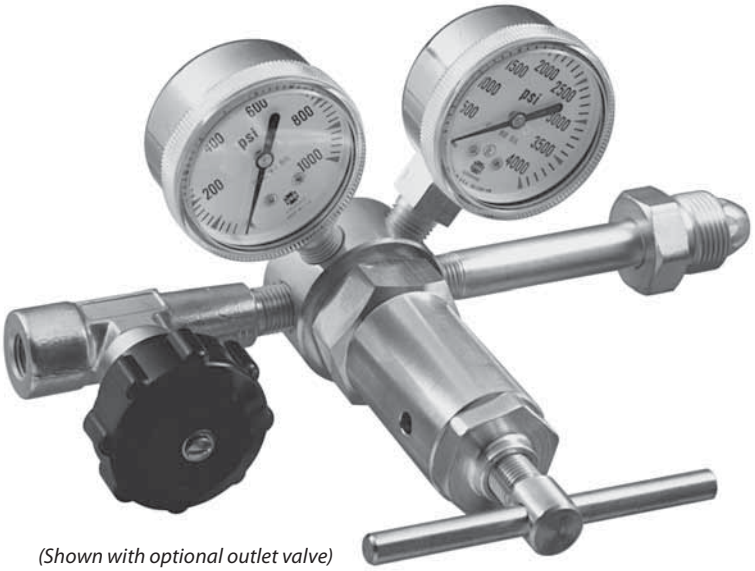
GO REGULATOR

CYL-3 Series

High Pressure Economy Brass Cylinder Regulator



(Shown with optional outlet valve)

The CYL-3 Series is an economical brass high pressure regulator, designed to accept inlet pressures up to 3600 psig and deliver outlet pressures from 0–100 psig up to 0–2000 psig. This single-stage brass regulator is perfectly suited for cylinder usage with non-corrosive gases. Good regulation characteristics are provided by a carefully engineered piston sensor. Ease of outlet pressure adjustment is provided by the T-handle, which is offered as standard.

Features & Specifications

- Inlet pressures up to 3600 psig
- Control pressures from 0–100 psig up to 0–2000 psig
- Brass (alloy 360) construction
- Stainless steel poppet
- 20 micron inlet filter
- Bubble-tight shutoff
- CGA connection with integral inlet filter
- 2″ diameter brass gauges
- Cv flow coefficients: 0.06 (standard), 0.2 (optional)
- Better than 25 Ra finish in diaphragm cavity
- Optional relief valves and outlet shutoff valves

pressure regulators

GO Regulator
405 Centura Court • PO Box 4866 (29305) • Spartanburg, SC 29303
Phone (864) 574-7966 Fax (864) 574-5608
www.goreg.com • sales@goreg.com

CYL-3 Series

How to Order

Standard items in bold

C3 – 2 F 1 G 1 3 A 1 CGA Fitting **0 0 0** **1**

BODY MATERIAL
- **2 Brass**

PORT CONFIGURATION
- **F Standard**

For more port configurations, see page 19.

PROCESS PORT TYPES (GAUGE PORT TYPE, IF SPECIFIED)
- **0** ⅛″ FNPT (⅛″ FNPT gauge ports)
- **1 ¼″ FNPT (¼″ FNPT gauge ports)**

OUTPUT RANGE
- **G** 0–100 psig
- **I** 0–250 psig
- **J** 0–500 psig
- **K** 0–1000 psig
- **L** 0–2000 psig

PISTON TYPE
- **1 Non-self-relieving**
- **3** Self-relieving

GAUGES
- **1** Include gauges
- **2** Omit gauges
- **3** Customer-supplied

CGA FITTINGS

Use '000' to omit CGA
Use 'CUS' for customer-supplied CGA

CAP ASSEMBLY
- **1 Standard**
- **4** Panel mount
- **8** Tamper-proof
- **A** Low torque
- **Y** Hand knob

SEAT MATERIAL
- **A Tefzel®**
- **I** Teflon®

FLOW COEFFICIENT (Cv)
- **3 0.06**
- **5** 0.2

For a full list of options, visit the selection matrix for this product on www.goreg.com

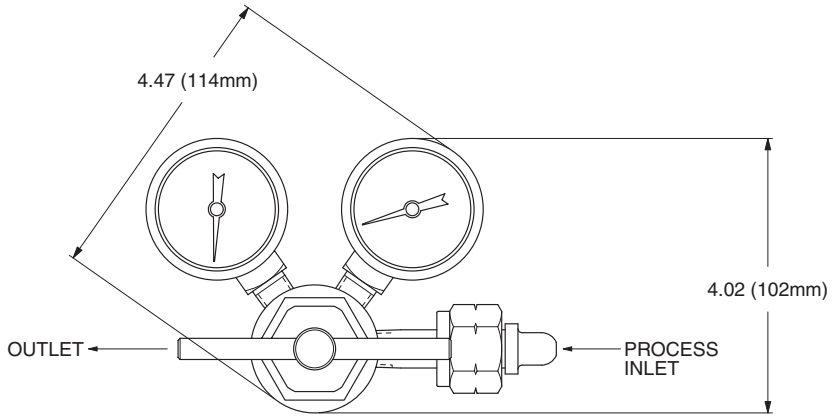
NOTE: The choices above represent an abbreviated list of the more commonly ordered options. For a complete listing of all available options, please see the Selection Wizard on the GO website at www.goreg.com or contact the factory.

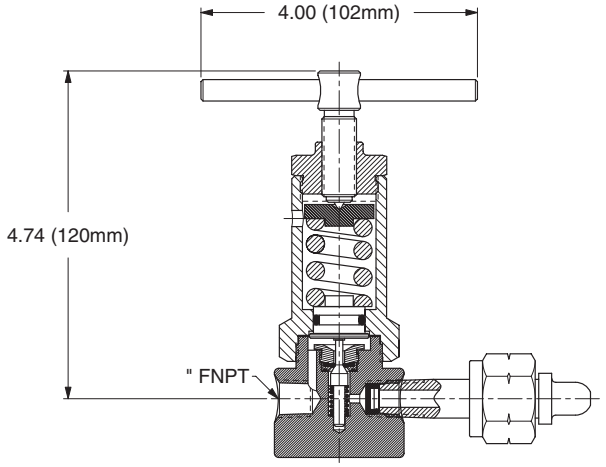
Maximum Temperature & Operating Inlet Pressures

SEAT MATERIAL	MAXIMUM TEMPERATURE		MAXIMUM OPERATING INLET PRESSURE
Tefzel®	150° F (66° C)	@	3600 psig (24.82 MPa)
High density Teflon®	150° F (66° C)	@	3600 psig (24.82 MPa)

Outline & Mounting Dimensions

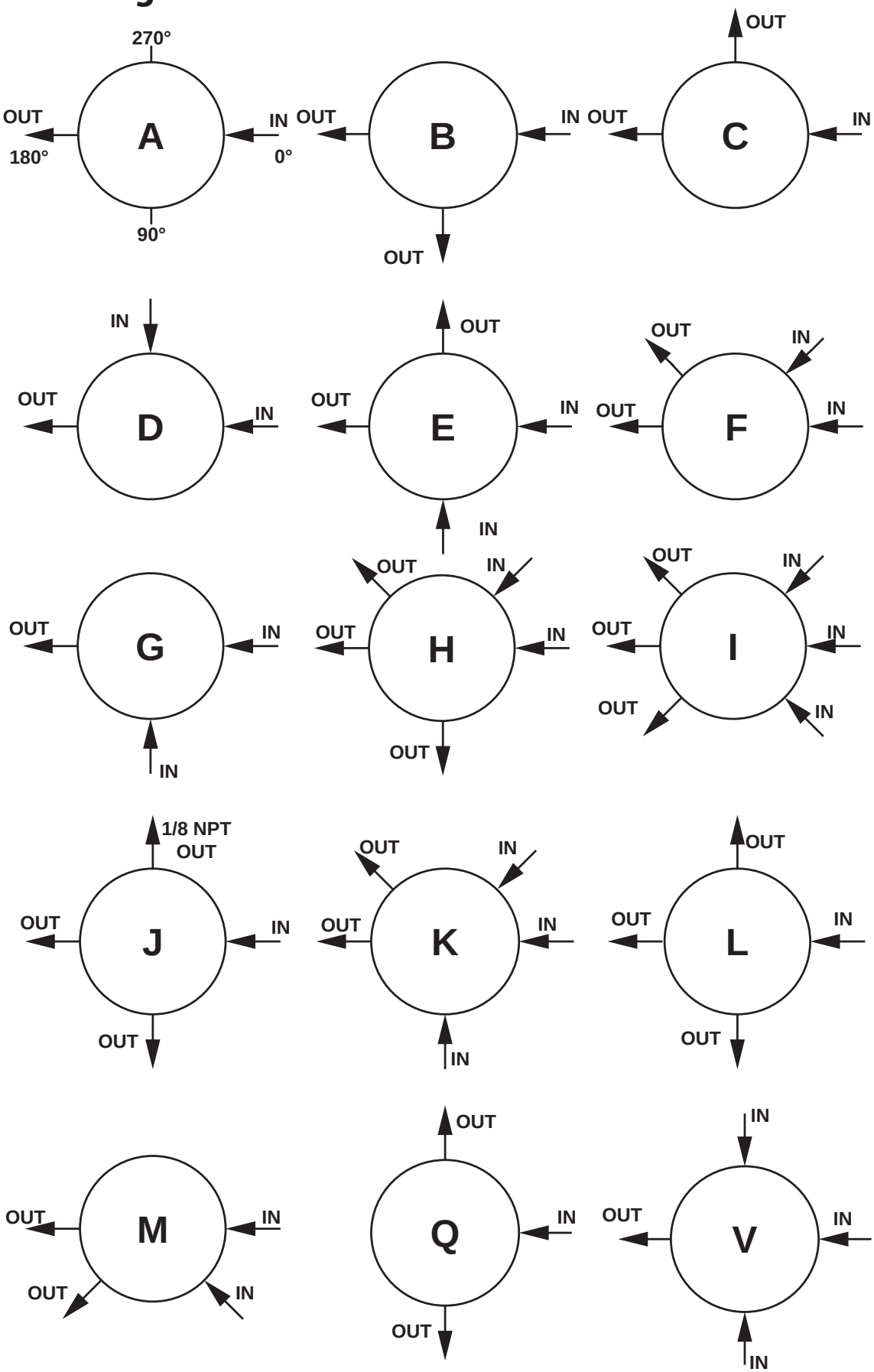
Weight = 2.74 lbs (1.22 kg)





Teflon® and Tefzel® are registered trademarks of the DuPont Company.

Porting Configurations for Cylinder Regulators



LOCATION OF PORTS FROM TOP VIEW