

9014 Series Pressure Regulators

High-pressure control in a miniature package

Features

- Exceptionally compact design envelope
- Unique design minimizes friction and wear
- Repeatable set pressure
- Filtered inlet prevents contaminants from affecting set pressure and lockup.
- Threaded seat provides blow-out safety
- Corrosion resistant

Specifications

- Inlet Pressure 0 to 3,000 psi
- Outlet Pressure 0 to 200 psi
- Proof $1\frac{1}{2}$ x inlet
- Burst 4 x inlet
- Cv 0.01
0.03
0.06
- Temperature -10°F to 300°F (standard)
-45°F to 165°F (optional)
- Weight 3.5 ounces
- Leakage Bubble-tight, internal and external



Materials of Construction

- Body 316 Stainless Steel
- Poppet 316 Stainless Steel
- Seat Retainer 316 Stainless Steel
- Seat PCTFE
- Knob Aluminum
- Seals Viton® or Buna-N®
- Inlet Filter 10 Micron 316 Stainless Steel
- Main Piston 316 Stainless Steel

Buna-N® is a registered trademark of E. I. du Pont de Nemours & Company
Viton® is a registered trademark of DuPont Dow Elastomers

Applications

Medical Instrumentation • Gas chromatographs
Pharmaceutical applications • Miniaturized pressure systems
Research & development labs • University lab applications



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*U.S. Para Plate valves and regulators are used where performance and reliability are a must.
Proven for over 30 years in the most demanding Aerospace and Industrial applications.*



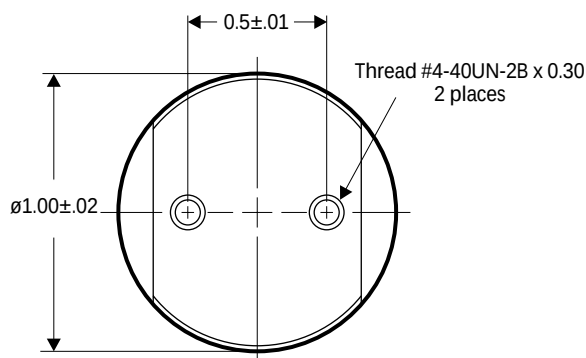
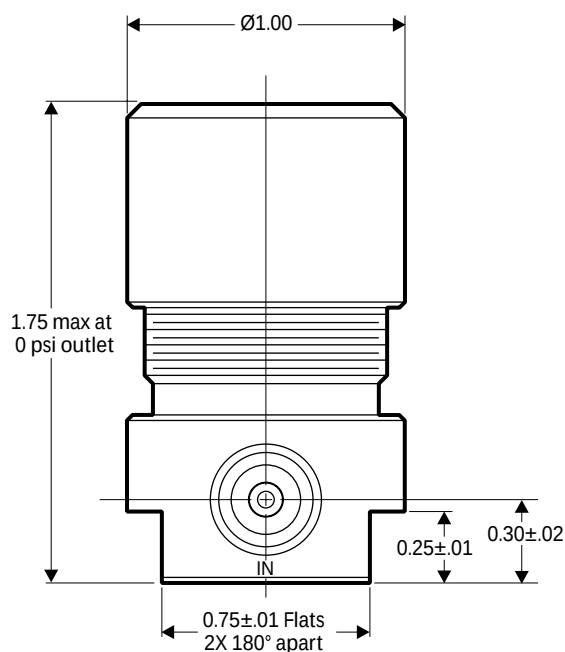
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Ordering Information

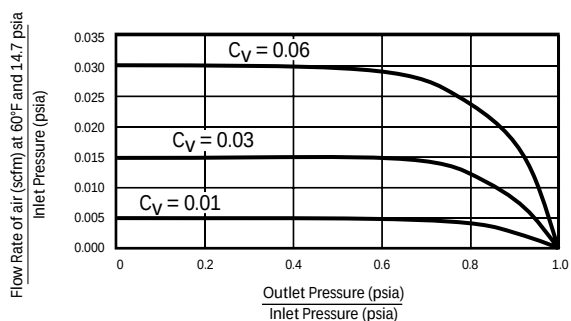
9014 C - 3 O P V	
MODEL NUMBER	
C = 316 Stainless steel	BODY & HOUSING MATERIAL
- = General service X = High level precision cleaning	CLEANING
1 = 0 to 25 psi 2 = 0 to 50 psi 3 = 0 to 100 psi 4 = 0 to 200 psi	OUTLET PRESSURE RANGE
0 = C_v 0.01 1 = C_v 0.03 2 = C_v 0.06	FLOW FACTOR
P = 1/8" NPT female T = 1/8" Tube female	I/O PORT TYPE & SIZE
V = Viton® (-10° to +300°F) B = Buna-N® (-45° to +165°F)	O-RING MATERIAL

For Oxygen service, contact factory.

(Bold Italic Type indicates standard options)



Characteristic Max Flow Curve



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