

2440 SERIES

High Sensitivity, Low Pressure, High Flow
Back Pressure Regulators



The Premier 2440 Series Back Pressure Regulator is designed for low-pressure, high-flow applications requiring exceptional sensitivity and accuracy. Engineered to maintain upstream pressure precisely, it can control pressures down to 1 PSIG (0.07 BAR). With a Cv rating of 4.0, this regulator delivers high flow capacity while ensuring stable performance.

FEATURES

- High Flow Capacity (Cv): 4.0
- Highly Sensitive Design: Maintains precise upstream pressure for critical processes
- Low Pressure Control: Capable of regulating pressures as low as 1 PSIG (0.07 BAR)
- Competitive pricing
- Machined bar stock body, and bonnet eliminates porosity found in castings

SOME APPLICATIONS WILL REQUIRE A CUSTOM SOLUTION.
CONTACT PREMIER INDUSTRIES TO REQUEST A MODIFICATION
OR A CUSTOM DESIGN.

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SPECIFICATIONS

- **CONTROLLED PRESSURE RANGE:**
 - 0-15 PSIG / 0-1.03 BAR
 - 0-75 PSIG / 0-5.17 BAR
- **FLOW (Cv):** 4.0

OPTIONAL ITEMS

- Gauges
- Panel mounting nuts
- Private label

MATERIALS OF CONSTRUCTION

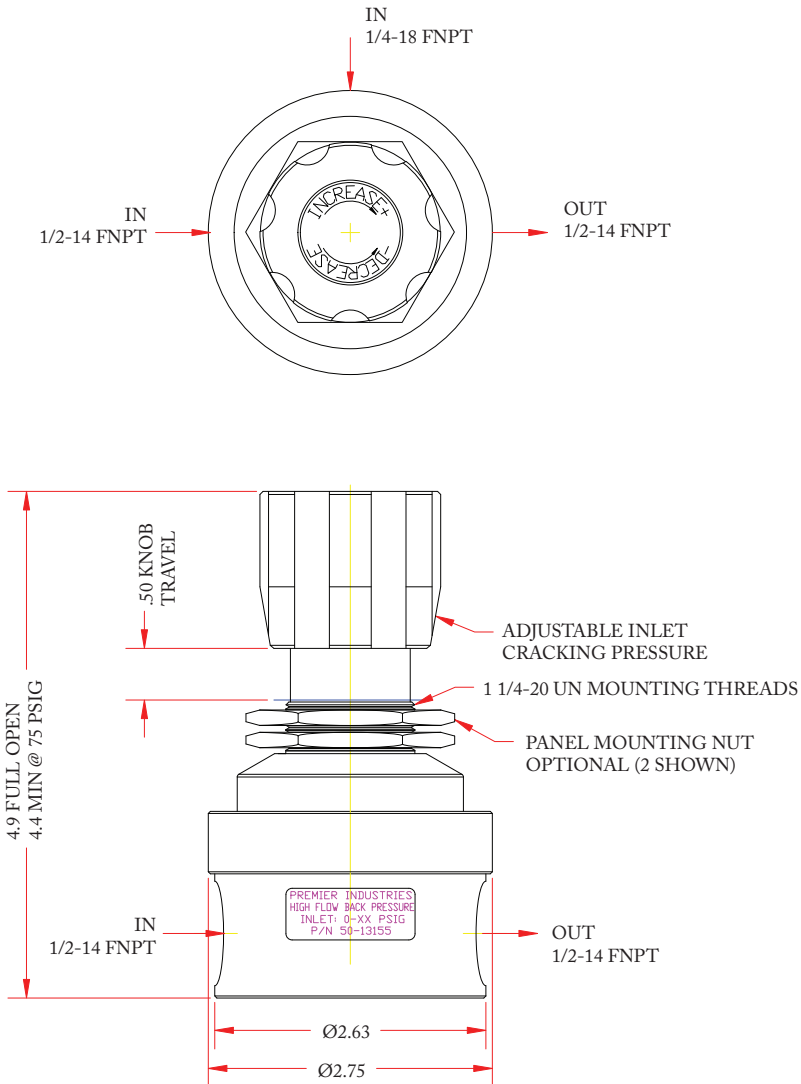
- **BONNET:**
 - 6061-T6 Aluminum, Nickel Plated
- **BODY:**
 - 303 Stainless Steel
- **DIAPHRAGM OPTIONS:**
 - Neoprene
- **MAIN VALVE SEAT:**
 - Neoprene

PORTING

- **STANDARD INLET:**
 - 1/2-18 FNPT
- **STANDARD OUTLET:**
 - 1/2-18 FNPT

Contact factory for material certifications. Fees may apply.

PART NUMBER: 50-13155



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PART #	-	1
50-13155	-	

1	CRACKING PRESSURE
BLANK	0-75 PSIG / 0-5.17 BAR
1	0-15 PSIG / 0-1.03 BAR

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