



HIGH SENSITIVITY LOW PRESSURE, HIGH FLOW *Back Pressure Regulators*

2400 SERIES

PREMIER INDUSTRIES

1590 99th Ln NE,
Minneapolis, MN 55449
763-786-4020



MADE IN THE USA

Minneapolis, MN

DESCRIPTION

Premier 2400 series low pressure, high flow, back pressure regulators are highly sensitive; they are capable of controlling pressures down to 1 PSIG (0.07 bar). These precision, diaphragm sensed, back pressure regulators are useful for numerous R&D controls, industrial controls, monitors, and systems. 2400 Series regulators feature a flow capacity of Cv 0.6, Viton® diaphragm with stainless steel liner, and a controlled pressure range of 0-25 PSIG (0-1.72 bar) (other pressures available upon request). Premier 2400 series regulators are capable of regulating a broad range of media as compatible with their materials of construction.

FEATURES

- Flow Capacity (Cv): 0.6
- Compact size
- Viton® diaphragm with stainless steel liner
- Very competitive pricing
- Machined bar stock body, and bonnet eliminates porosity found in castings
- Models are available for both corrosive and non-corrosive service

2400 SERIES

HIGH SENSITIVITY LOW PRESSURE, HIGH FLOW *Back Pressure Regulators*



SPECIFICATIONS

- **CONTROLLED PRESSURE RANGE:** 0-25 PSIG (0-1.72 bar)
(other pressures available upon request)
- **FLOW (Cv):** 0.6

MATERIALS OF CONSTRUCTION

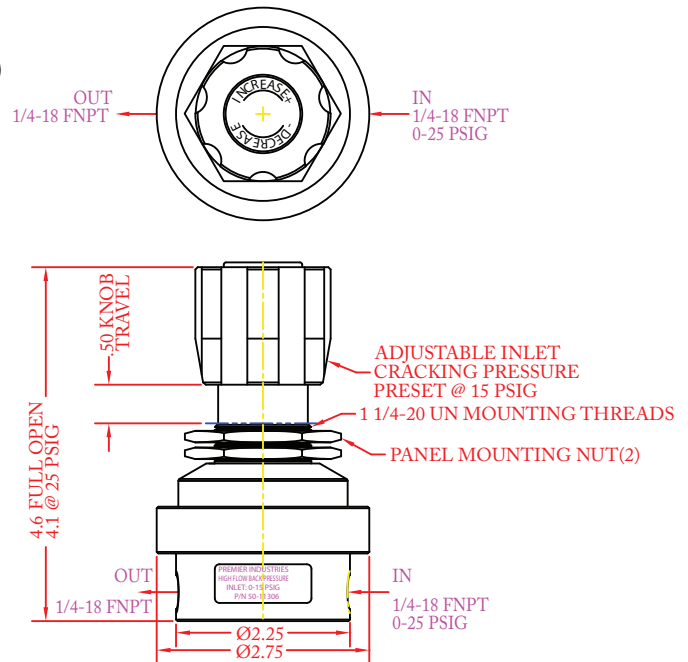
- **BONNET:**
 - 6061-T6 Aluminum, Nickel Plated
- **BODY:**
 - 303 Stainless Steel
 - 6061-T6 Aluminum, Nickel Plated
- **DIAPHRAGM OPTIONS:**
 - Viton® with 316 Stainless Steel liner
- **MAIN VALVE SEAT:**
 - Viton®

PORTING

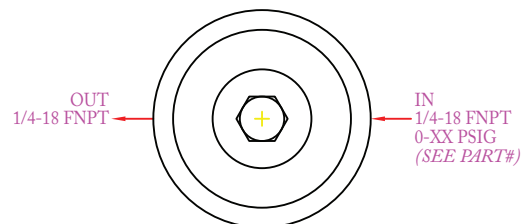
- **STANDARD INLET:**
 - 1/4-18 FNPT
- **OPTIONAL INLETS:**
 - *available upon request*
- **STANDARD OUTLET:**
 - 1/4-18 FNPT
- **OPTIONAL OUTLETS:**
 - *available upon request*

OPTIONAL ITEMS

- Gauges
- Hand knob
- Panel mounting bonnet & nuts
- Tamper resistant acorn nut
- New dome loaded design (P/N 50-12671)
- Private label



(Part number shown above: 50-11306)



(Part number shown above: 50-11188)