

2400DL SERIES

Dome Loaded, High Sensitivity, Low Pressure, High Flow
Back Pressure Regulators



Premier 2400DL series dome loaded, low pressure, high flow, back pressure regulators are fitted with a large Viton® diaphragm for increased sensitivity. These precision, back pressure regulators feature a cracking pressure of 0-75 PSIG (0-5.17 bar), 1.3 to 1 dome load, and Cv 0.6. Premier 2400DL series regulators are capable of regulating a broad range of media as compatible with their materials of construction.

FEATURES

- Flow Capacity (Cv): 0.6
- Cracking pressure: 0-75 PSIG (0-5.17 bar)
- Viton® diaphragm
- 1.3 to 1 dome load
- Compact size
- Machined bar stock body, and bonnet eliminates porosity found in castings
- Models are available for both corrosive and non-corrosive service

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

SPECIFICATIONS

- **CRACKING PRESSURE:** 0-75 PSIG (0-5.17 bar)
- **FLOW (Cv):** 0.6

MATERIALS OF CONSTRUCTION

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

PORTING

- **STANDARD INLET:**
 - 1/4-18 FNPT
- **STANDARD OUTLET:**
 - 1/4-18 FNPT
- **LOAD PORT:**
 - 1/4-18 FNPT

OPTIONAL ITEMS

- Private label

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Contact factory for material certifications. Fees may apply.*

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