DESCRIPTION
Premier 3025 Series high pressure, pressure reducing regulators are single stage, pneumatic, piston sensed pressure reducing regulators. 3025 Series regulators are rated for inlet and outlet pressures up to 20000 PSIG (1378.95 bar), and Cv 0.04. The 3025 series regulator features a low torque, ball-bearing hand knob, and optional mounting styles to ensure a smooth integration into your high pressure application.

FEATURES
- Rated for pressures up to 20000 PSIG (1378.95 bar)
- Flow capacity (Cv): 0.04
- Low torque, ball-bearing hand knob
- Optional panel mounting bracket style body or threaded body with panel mounting nuts
- Very competitive pricing
- Machined bar stock body, bonnet and piston eliminates porosity found in castings

The Premier 3025 Series pressure reducing regulator’s design is remarkably flexible. Contact Premier Industries for a custom 3025 Series regulator to meet your exact needs.

PREMIER INDUSTRIES
1590 99th Ln NE,
Minneapolis, MN 55449
763-786-4020
**HIGH PRESSURE 20000 PSIG Pressure Reducing Regulators**

**SPECIFICATIONS**
- **MAXIMUM INLET PRESSURE:** 20000 PSIG (1378.95 bar)
- **CONTROL PRESSURE RANGE:**
  - 25-3000 PSIG (1.72 - 206.84 bar)
  - 50-6000 PSIG (3.45 - 413.69 bar)
  - 100-10000 PSIG (6.89 - 689.48 bar)
  - 300-15000 PSIG (20.68 - 1034.21 bar)
  - 500-20000 PSIG (34.47 - 1378.95 bar)
- **FLOW (Cv):** 0.04
- **OPERATING TEMPERATURE:**
  - -15°F/-26°C to 165°F/74°C (BUNA-N)
  - -4°F/-20°C to 165°F/74°C (VITON®)
  - -65°F/-54°C to 165°F/74°C (EPDM)
  - **lower temperature compounds available upon request**

**MATERIALS OF CONSTRUCTION**
- **BODY:**
  - 17-4 Stainless Steel
- **BONNET:**
  - 17-4 Stainless Steel
- **WETTED PARTS, OTHER:**
  - 316 Stainless Steel
  - 17-4 Stainless Steel
- **O-RINGS:**
  - Buna-N
  - Aflas®
  - Viton®
  - EPDM
  - Kalrez® (Contact factory for pricing)
- **BACK-UP RINGS:** PCTFE & PEEK
- **VALVES:**
  - 17-4 Stainless Steel, Hardened
- **VALVE SEAT:**
  - Vespel®

**PORTING**
- **INLET PORTING:**
  - 1/4” Medium pressure, High Pressure
  - 3/8” Medium pressure, High Pressure
- **OUTLET PORTING:**
  - 1/4” Medium pressure, High Pressure
  - 3/8” Medium pressure, High Pressure
- **VENT PORT:**
  - 1/4” inlet/outlet type

**OPTIONAL ITEMS**
- Private label
- Panel mounting nuts
- Panel mounting bracket (P/N: 30-10500)
- Tamper resistant acorn nut
- Surface mount (P/N: 30-10215SM)

**PANEL NUT STYLE BODY**

**MOUNTING BRACKET STYLE BODY**

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Kalrez®, Vespel® & Viton® are registered trademarks of E.I. du Pont de Nemours and Company

AFLAS® is a registered trademark of the Asahi Glass Co., Ltd.
## 3025 SERIES

**HIGH PRESSURE**

**20000 PSIG**

*Pressure Reducing Regulators*

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### BODY STYLE

| MB | Mounting bracket style body |
| PN | Panel nut style body *(panel nuts included)* |

### OUTLET PRESSURE

| 3 | 50 - 6000 psig *(3.45 - 413.69 bar)* |
| 6 | 100 - 10000 psig *(6.89 - 689.48 bar)* |
| 7 | 300 - 15000 psig *(20.68 - 1034.21 bar)* |
| 8 | 500 - 20000 psig *(34.47 - 1378.95 bar)* |

**20000 PSIG MAX INLET** *(stainless steel)*

The end user is responsible to ensure adequate fittings are used to connect regulator to plumbing.

Kalrez® & Viton® are registered trademarks of E.I. duPont de Nemours and Company

**AFLAS®** is a registered trademark of the Asahi Glass Co., Ltd.

Contact factory for material certifications. Fees may apply.

### PORTING CONFIGURATION

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