

## 3025 SERIES

High Pressure, 20000 PSIG MAX  
Pressure Reducing Regulators



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. Captured venting standard.

### FEATURES

- Rated for pressures up to 20000 PSIG (1378.95 bar)
- Cv 0.04
- Captured venting
- Low torque, ball-bearing hand knob
- Optional tamper resistant acorn nut
- 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

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

## SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:**
  - 20000 PSIG (1378.95 bar)
- **CONTROL PRESSURE RANGE:**
  - 125-500 PSIG (8.62 - 34.47 bar)
  - 125-1500 PSIG (8.62 - 103.42 bar)
  - 300-3000 PSIG (20.68 - 206.84 bar)
  - 600-6000 PSIG (41.37 - 413.69 bar)
  - 950-10000 PSIG (65.50 - 689.48 bar)
  - 1450-15000 PSIG (99.97 - 1034.21 bar)
  - 2000-20000 PSIG (137.90 - 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-RING OPTIONS:**
  - Buna-N
  - Aflas®
  - Viton®
  - EPDM
  - FFKM (*Contact Premier for pricing*)
- **BACK-UP RINGS:** PCTFE & PEEK
- **VALVES:** 17-4 Stainless Steel, Hardened
- **VALVE SEAT:** Vespel®
- **STANDARD LUBRICATION:** Krytox® GPL 206

## PORTING

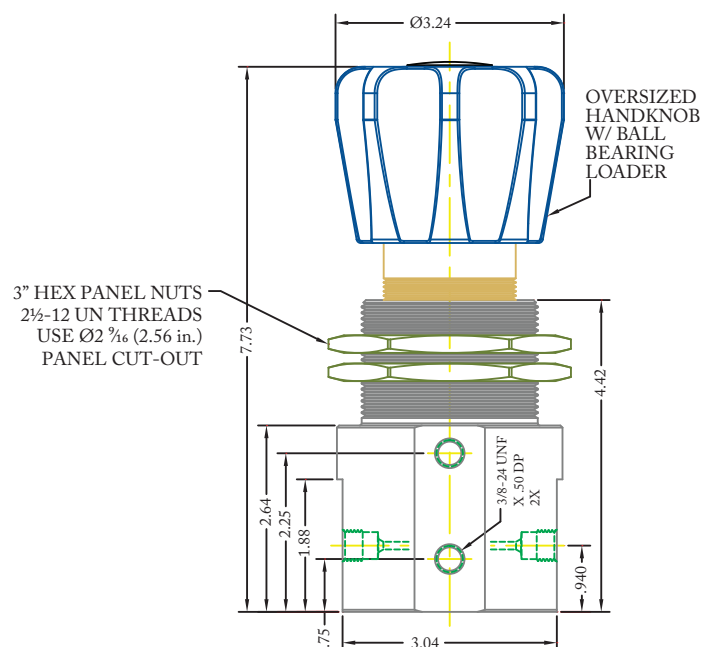
- **INLET PORTING OPTIONS:**
  - 1/4" Medium pressure, High Pressure
  - 3/8" Medium pressure, High Pressure
- **OUTLET PORTING OPTIONS:**
  - 1/4" Medium pressure, High Pressure
  - 3/8" Medium pressure, High Pressure
- **VENT PORT:**
  - 1/4" inlet/outlet type
- **OPTIONAL GAUGE PORT:**
  - 1/4" inlet/outlet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

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AFLAS® is a registered trademark of the Asahi Glass Co., Ltd.  
Krytox® is a registered trademark of The Chemours Company FC, LLC.*

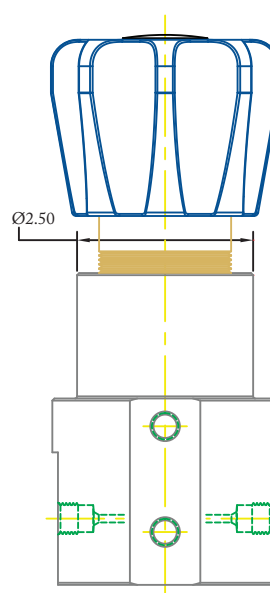
*Contact factory for material certifications. Fees may apply.*

**PART NUMBER: 30-10215G**

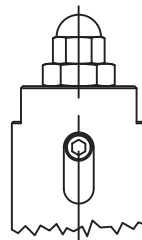
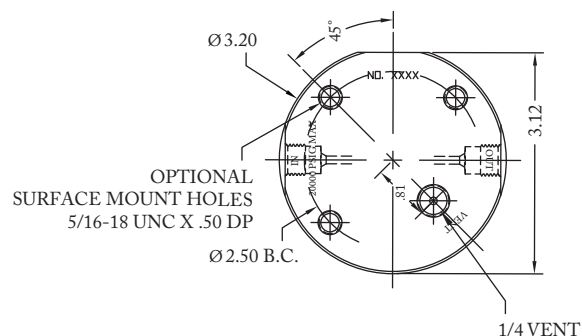
## PANEL NUT STYLE BODY



## MOUNTING BRACKET STYLE BODY

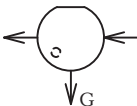


**TAMPER RESISTANT  
ACORN NUT** (*Optional*)



| PART #    | 1 | 2 | - | 3 | 4 | 5 | 6 | 7 | - | 8 | 9 | - | MODS |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|------|
| 30-10215G |   |   | - |   |   |   |   |   | - |   |   | - |      |

| 1 2 | BODY STYLE                                    |
|-----|-----------------------------------------------|
| MB  | MOUNTING BRACKET STYLE BODY                   |
| PN  | PANEL NUT STYLE BODY<br>(PANEL NUTS INCLUDED) |
| 3   | OUTLET PRESSURE                               |
| 0   | 125 - 500 PSIG<br>(8.62 - 34.47 BAR)          |
| 2   | 125 - 1500 PSIG<br>(8.62 - 103.42 BAR)        |
| 3   | 300 - 3000 PSIG<br>(20.68 - 206.84 BAR)       |
| 6   | 600 - 6000 PSIG<br>(41.37 - 413.69 BAR)       |
| 7   | 950 - 10000 PSIG<br>(65.50 - 689.48 BAR)      |
| 8   | 1450 - 15000 PSIG<br>(99.97 - 1034.21 BAR)    |
| 9   | 2000 - 20000 PSIG<br>(137.90 - 1378.95 BAR)   |
| 4   | FLOW (Cv)                                     |
| 0   | Cv: 0.04                                      |

| 5                                                                                         | PORTING CONFIGURATION                                                             |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| B                                                                                         |  |
| S                                                                                         |  |
| 6                                                                                         | PORT SIZE                                                                         |
| 4                                                                                         | 1/4"                                                                              |
| 6                                                                                         | 3/8"                                                                              |
| <i>VENT PORT: 1/4" inlet/outlet port type<br/>GAUGE PORT: 1/4" inlet/outlet port type</i> |                                                                                   |
| 7                                                                                         | PORT TYPE<br>(IN/OUT/VENT)                                                        |
| 4                                                                                         | MEDIUM PRESSURE                                                                   |
| 5                                                                                         | HIGH PRESSURE                                                                     |

| 8 9           | O-RING MATERIAL                                    |
|---------------|----------------------------------------------------|
| 00            | BUNA-N                                             |
| 01            | AFLAS®                                             |
| 02            | VITON®                                             |
| 05            | EPDM                                               |
| 11            | FFKM<br><i>(Contact Premier for pricing)</i>       |
| MODIFICATIONS |                                                    |
| BLANK         | NONE                                               |
| AC            | KRYTOX 240AC                                       |
| ANT           | ACORN NUT                                          |
| BA            | BRONZE SPRING ACTUATOR                             |
| MK            | H2O SERVICE W/<br>RESISTANT GREASE                 |
| PU            | PORT SIZE UNIFORM<br>(IN/OUT/GAUGE)                |
| SM            | SURFACE MOUNT                                      |
| VPL           | VESPEL SCP-5000 SEATS<br>(Cv 0.04 OPTION REQUIRED) |

**20000 PSIG MAX INLET  
(STAINLESS STEEL)**

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

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