

2780 SERIES

Micro, Piston Sensed
Pressure Reducing Regulators



(Part #: 50-11519)



(Part #: 50-11022)

Miniature, economical, piston-sensed, fixed flow, pressure reducing regulators. Premier 2780 Series regulators are used where size, weight, and cost are important. These light-weight, compact regulators feature a fixed flow rate that is factory preset between 0.25 LPM - 9.0 LPM (*or unrestricted*). The 2780 Series regulators shown above are all aluminum, simple and dependable.

FEATURES

- Extremely compact & light-weight
- Factory preset flow settings from 0.25 liters/min to 7.0 liters/min or unrestricted
- Machined bar stock body, and bonnet eliminates porosity found in castings
- Numerous optional features are available.
- Economical pricing

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

SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:**
(Dependent on inlet connection)
 - P/N: 50-11095: 1000 psig (68.95 bar)
 - P/N: 50-11022: 400 psig (27.58 bar)
 - P/N: 50-11080: 500 psig (34.47 bar)
 - P/N: 50-11519: 500 psig (34.47 bar)
- **STANDARD PRESET CONTROL PRESSURE:**
 - 50/60 PSIG
 - Other preset control pressures optional
- **FLOW (Cv):**
 - Factory preset Cv 0.25-7.0 LPM
(dependent on configuration)
- **WEIGHT:** ~ 0.05 - 0.10 lbs.

MATERIALS OF CONSTRUCTION

- **BODY OPTIONS:**
 - 6061-T6 Aluminum, Clear Anodized
 - SAE 360 Brass *(50-11022 only)*
 - 303 Stainless Steel *(50-11022 only)*
- **BONNET OPTIONS:**
 - 6061-T6 Aluminum, Clear Anodized
 - SAE 360 Brass *(50-11022 only)*
 - 303 Stainless Steel *(50-11022 only)*
- **PISTON:**
 - 303 Stainless Steel
- **SEALS:**
 - Viton®
 - *Numerous other compounds available upon request*
- **VALVE SEAT:**
 - PTFE

PORTING

- **INLET PORTING OPTIONS:**
 - C10 (5/8-18 UNF)
 - CGA 600
 - #10-32 UNF (Female)
- **OUTLET PORTING OPTIONS:**
 - 3/16" Hose Barb
 - #10-32 UNF (Female)

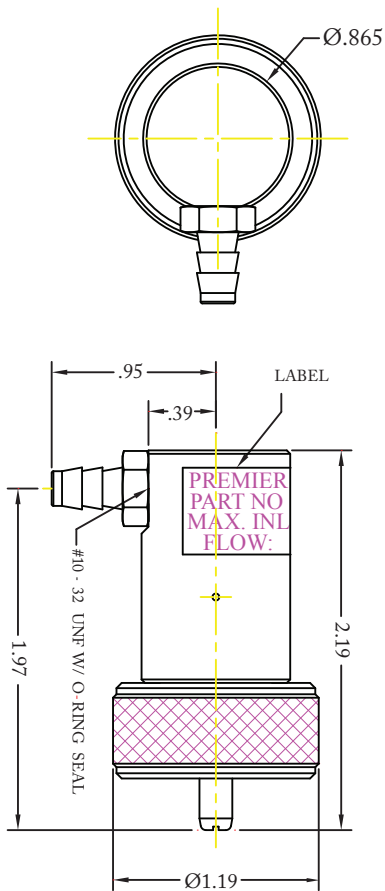
OPTIONS

- Anodized colors for aluminum bodies and bonnets
- Private label

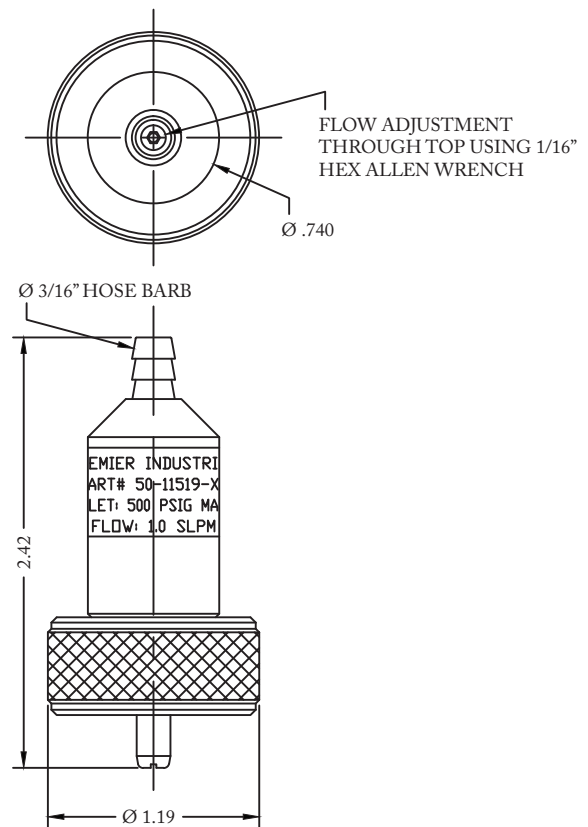
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Contact factory for material certifications. Fees may apply.

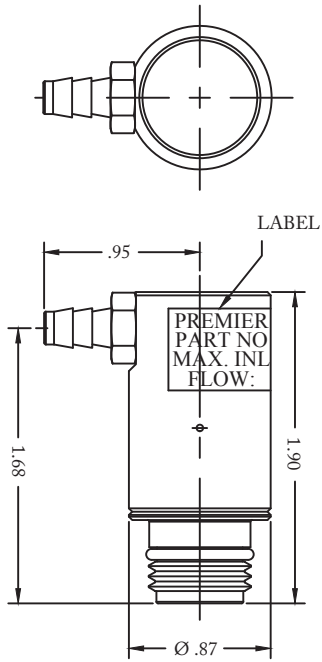
PART NUMBER: 50-11080



PART NUMBER: 50-11519



PART NUMBER: 50-11095



PART NUMBER: 50-11022

