

SPECIFICATIONS



MAXIMUM INLET PRESSURE

3500 PSIG 241.3 bar

CONTROL PRESSURE RANGES

- 0-10 PSIG 0 - 0.69 bar
- 0-25 PSIG 0 - 1.72 bar
- 0-50 PSIG 0 - 3.45 bar
- 0-100 PSIG 0 - 6.89 bar
- 0-250 PSIG 0 - 17.24 bar
- 0-500 PSIG 0 - 34.47 bar

Flow Capacity (CV):

- 0.08 or 0.20

PORTING

Standard Inlet:
1/4" FNPT

Standard Outlet:
1/4-18" NPT
on 1.75" and 2.0" diameter bodies

MATERIAL OF CONSTRUCTION

Body Options:

- 316 Stainless Steel
- SAE 360 Brass/Nickel Plated

Diaphragm Options:

- Neoprene
- 316 Stainless Steel

Bonnet Options:

- SAE 360 Brass/Nickel Plated
- 6061-T6 Aluminum/Gold Anodize

Diaphragm Seal:

Teflon®

Valve Seat:

Teflon®

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The 2500 Series pressure reducing regulators are versatile, single stage, diaphragm sensed, general purpose cylinder and line regulators.

The 2500 Series regulators are available with: multiple materials/porting configurations, and many optional items (pressure relief valves, shut off valves etc). Models are available for both corrosive and non-corrosive service, fitted with your choice of stainless steel or neoprene diaphragm. The 2500 Series regulators feature a 15 micron valve cartridge filter, 3500 PSIG max inlet pressure, and Cv 0.08 or 0.20.

FEATURES AND BENEFITS

Compact size with optional body diameters of 1.5", 1.75", and 2.0" 3500 PSIG (241.3 bar) max inlet pressure CV 0.08 or 0.20

Optional stainless steel diaphragm minimizes inboard diffusion of air into regulator (neoprene diaphragm also available) Optional integral needle style shut off valve

Optional low profile hand knob

Reduced particle contamination with 15 micron valve cartridge filter Machined bar stock body, bonnet, and piston eliminates porosity found in castings

2500 SERIES REGULATOR DRAWING

