

CYL-3 Series Pressure Regulators



The CYL-3 is an economy series high pressure regulator that was designed to accept inlet pressures up to 3600 psig and deliver outlet pressures from 0-100 psig up to 0-2000 psig. This single stage brass regulator is perfectly suited for cylinder usage with non-corrosive gases. Good regulation characteristics are provided by a carefully engineered piston sensor. Ease in outlet pressure adjustment is provided by the T handle which is offered as standard.

- Brass (alloy 360) construction
- Stainless steel diaphragm with Teflon® lining
- Stainless steel poppet
- Better than 25 Ra finish in diaphragm cavity
- 20 micron inlet filter
- Bubble tight shutoff
- Maximum inlet working pressure is 3600 psig
- Outlet pressure ranges are 100, 250, 500, 1000 and 2000 psig
- Proof pressure is 2 times maximum working pressure
- Burst pressure is 4 times maximum working pressure
- Weight: 2.7 lbs (1.22 kg)
- Mounting style is surface or panel (see Outline and mounting dimensions)

Maximum Temperature & Operating Inlet Pressures

Seat Material	Maximum Temperature		Maximum Operating Inlet Pressure
Tefzel®	150° F (66° C)	@	3600 psig (24.82 MPa)
High Density Teflon®	150° F (66° C)	@	3600 psig (24.82 MPa)