

1" Pressure Regulator

Series 20415

Features

- ▶ Original Shear-Seal® technology
- ▶ Self adjusting
- ▶ High flow capacity
- ▶ Tolerates contaminated media
- ▶ Fail-safe motor control options
- ▶ Self venting

Applications

- ▶ Coiled tube reels
- ▶ Land-based oil drilling controls
- ▶ BOP control units



General Specifications*

Pressure: Supply/Inlet Pressure: 3,000 psi (207bar) Regulated Pressure Range: High Sensitivity 500 - 1600 PSI (34 -110 bar) Full Range 500 - 2800 PSI (34 - 193 bar) Regulated Pressure Range “F” Prefix Pneumatic failsafe motor: High Sensitivity 500 - 1600 PSI (34 -110 bar) Full Range 500 - 2800 PSI (34 - 193 bar) Regulated Pressure Range “G” Prefix Hydraulic failsafe motor: High Sensitivity 500 - 1600 PSI (34- 110 bar) Full Range 500 - 2800 PSI (34 - 193 bar) Fluid Temperature Range: -40° to +250°F (-40° to +121°C) Proof Pressure: 4,500 PSI (310 bar)		Materials of Construction: Body: Stainless steel (std.) Flanges: Phosphate coated alloy steel (std.) Option: Stainless steel Spring Tower: Manual Stainless steel (std.) Pneumatic Motor model Painted alloy steel (std.) Hydraulic Motor model Painted alloy steel (std.) Option: Stainless steel Standard O’ring Material: Buna N Socket Head Screws: Zinc plated alloy steel (std.) Option: Stainless steel Wetted Parts: Stainless steel & bronze	
Flow: Flow Rate: 70 GPM (@ 50 ft/s) Cv Inlet: 9.8 Cv Vent: 0.6		Pneumatic Pilot Motor (“F” prefix): Pilot Motor Working Pressure: 80 - 120 PSI (5.5 - 8.3 bar) Porting: 1/4” NPT Operating Temperature Range: 32° to +250°F (0° to +120°C)	
Porting: Inlet 1: 1” NPT Standard, SAE Optional Outlet (regulated): 1” NPT Standard, SAE Optional Vent: 1/2” NPT Standard, SAE Optional Gauge Port: 3/8” NPT Standard, SAE Optional		Hydraulic Pilot Motor (“G” prefix): Pilot Motor Working Pressure: 400 - 1600 PSI (6.9 - 110 bar) Porting: SAE for 3/8” Tube (Size -6) Operating Temperature Rating: -40° to +250°F (-40° to +121°C)	
Approximate Shipping Weight: Manual: 47 lbs. (21.3 kg) Pneumatic or Hydraulic Motor: 70 lbs. (31.8 kg)			

* See product configurator for additional options.