

1-1/2" Hydraulic Pressure Regulator

Series 20337

Features

- ▶ Original Shear-Seal® technology
- ▶ API Compliant for Sensitivity
- ▶ High flow capacity
- ▶ Large pressure range
- ▶ Tolerates contaminated media
- ▶ Fail-safe motor control options
- ▶ All stainless steel option

Applications

- ▶ Hydraulic drilling controls
- ▶ BOP closing units
- ▶ Hydraulic powered tube reels



General Specifications*

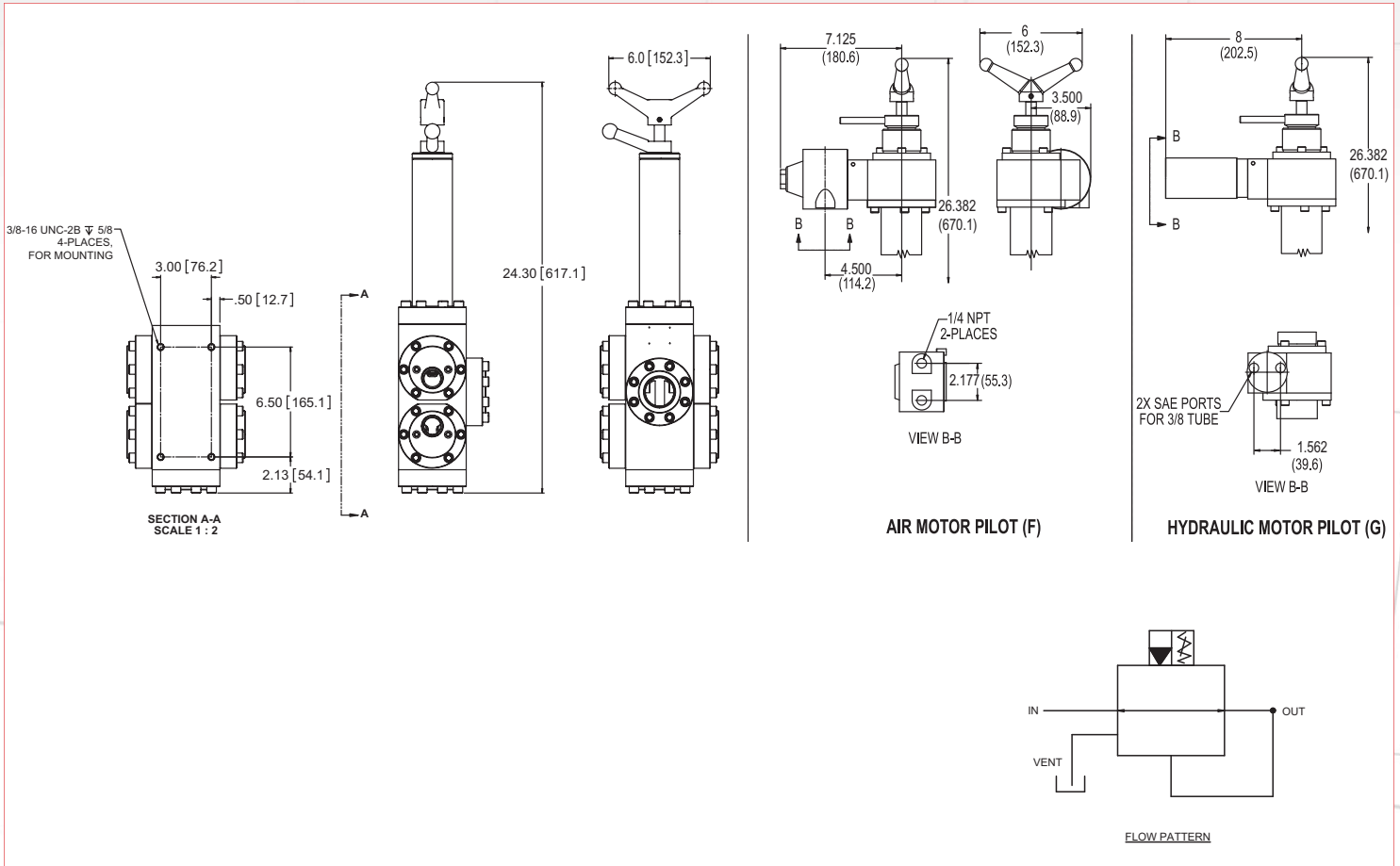
Pressure: Supply/Inlet Pressure:	3,000 PSI (207 bar)	Materials of Construction: Body:	Stainless steel
Regulated Pressure (Manual, Pneumatic Motor & Hydraulic Motor):	Base model: 180 - 1600 PSI (12 - 110 bar) -1 model: 350 - 2800 PSI (24 - 193 bar)	Flanges:	Phosphate coated alloy steel (stainless steel optional)
Set Pressure Sensitivity:	Base model: < [±90] PSI -1 model: < [±150] PSI	Spring Tower Housing:	Phosphate coated alloy steel (stainless steel optional)
API Compliance:	API 16D, 4.3.2.2	Standard O'ring material:	Buna N
Fluid Temperature Range:	-40° to +250°F (-40° to +121°C)	Socket Head Screws:	Stainless steel
Proof Pressure:	4,500 PSI (310 bar)	Wetted Parts:	Stainless steel
Burst Pressure:	7,500 PSI (517 bar)	Pneumatic Pilot Motor ("F" prefix): Pilot Motor Working Pressure:	80 - 100 PSI (5.5-6.9 bar)
Flow: Flow Rate:	120 GPM (@ 50 ft/s)	Porting:	1/4" NPT
Cv 1 inlet:	11.4	Operating Temperature Range:	32° to +250°F (0° to +120°C)
Cv 2 inlet:	17.5	Hydraulic Pilot Motor ("G" prefix): Pilot Motor Working Pressure:	400 - 1,650 PSI (6.9 - 114 bar)
Porting: Inlet 1:	1" NPT	Porting:	SAE for 3/8" Tube (Size -6)
Inlet 2:	1" NPT	Temperature Rating:	-40° to +250°F (-40° to +121°C)
Outlet:	1-1/2" NPT	Approximate Shipping Weights: Manual:	67 lbs. (30.4 kg)
Vent:	1" NPT	Pneumatic or Hydraulic Motor:	90 lbs. (40.8 kg)

* See product configurator for additional options.

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Technical Drawings



Product Configurator

Example: **F** **20337S3WQ2** **-1**

Adjustment Method

- Manual (blank)
- F Pneumatic failsafe motor
- G Hydraulic failsafe motor

Series

20337S3WQ2 1-1/2" pressure regulator

Pressure Configuration

Base Regulator No.	Outlet Pressure "PSI"
Blank	180 - 1600 PSI (12 - 110 bar)
-1	350 - 2800 PSI (24 - 193 bar)

