DYNISCO MODEL PG441R

Economical, Rigid Stem Mechanical Pressure Gauge

Description

Dynisco's family of mechanical pressure gauges is the ideal choice for applications requiring simple, maintenance free pressure indications. Polymer pressure is sensed by a metal diaphragm, mounted flush with the inside surface of the extruder barrel with pressure indicated on the readout gauge. The sealed diaphragm design eliminates the need for grease and prevents melt contamination and gauge plugging. Once installed the gauge head can be rotated 300˚ for unobstructed viewing.

Features

- Direct, local readings
- No maintenance or electrical power needed
- Stem - up, stem - down versions
- 0 - 5000 or 0 - 10,000 psi
- Gauge head rotates 300˚
- Stainless steel construction

Benefits

- Measure/display pressure in one location
- Easy to use
- Easy to install
- Choice of pressure ranges
- Easy to read
- Rugged, reliable



Specifications

NEW EXTENDED LIFE COATING

Performance Characteristics

Ranges (psi): 0 - 5,000 (350 kg/cm²) or 0 - 10,000 (700 kg/cm²)
Accuracy: 3% of full scale
Zero adjustability: 6% of full scale
Material in contact with pressure media: 15 - 5 PH stainless steel, DyMax™ coated

Mounting torque: 500 inch - lbs. maximum
Weight: 2 lbs.
Maximum pressure: 1.5 x full scale
Needle sweep: 270˚

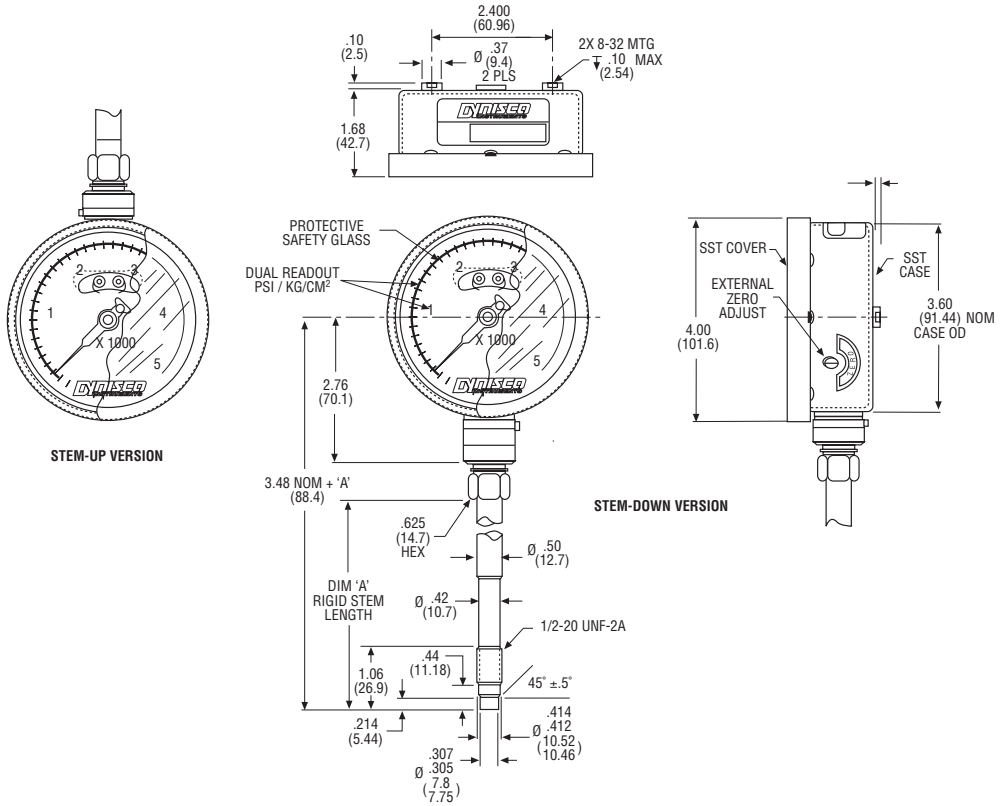
Temperature Characteristics

Transducer diaphragm:
Maximum diaphragm temperature: 750°F (400°C)
Zero shift due to temperature change: <35 psi/100°F (63 psi/100°C)

Housing:
Maximum case temperature: 275°F (135°C)
Case material: Stainless steel
Window: Safety glass

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All dimensions are in inches (millimeters) unless otherwise specified

Ordering Guide

Model	Pressure Range (psi)		Rigid Stem		Mounting	
	Code	Range	Code	Length	Code	Stem
PG441R	5M	0 - 5,000	6	6 "		Down
	10M	0 - 10,000	12	12 "	U	Up

Ordering Example: PG441R - 5M - 6

Delivery

Express delivery. Call for delivery information on other configurations.