



6085



6087



6097



6098

## FEATURES

- Glycerine filled for consistent, accurate readings, shock and pulsation protection.
- 316 stainless steel fitting and bourdon tube for added corrosion resistance and performance.
- Hermetically sealed 304 stainless steel case eliminates corrosion risk and liquid or humidity within gauge.
- Built-in snubber to reduce pressure fluctuations.
- Installed on pump discharge manifold to allow accurate monitoring of pump performance and enhance system safety.

## Stainless Steel Pressure Gauges

### Models

6085, 6087  
6097, 6098

### SPECIFICATIONS

	U.S. Measure	Metric Measure
<b>MODEL 6085</b>		
Pressure Range	0-1500 PSI	(0-105 BAR)
Temperature Range	68-180°F	(20-82°C)
Fitting [Bottom Mount]	1/4" NPTM	(1/4" NPTM)
Accuracy [FSD]	±1-3%	(±1-3%)
Weight	6.88 oz.	(.19 kg)
Dimensions Diameter	2.64"	(67.1 mm)
Depth	1.12"	(28.4 mm)
Full Height	3.5"	(88.9 mm)
<b>MODEL 6087</b>		
Pressure Range	0-6000 PSI	(0-415 BAR)
Temperature Range	68-180°F	(20-82°C)
Fitting [Bottom Mount]	1/4" NPTM	(1/4" NPTM)
Accuracy [FSD]	±1-3%	(±1-3%)
Weight	6.88 oz.	(.19 kg)
Dimensions Diameter	2.64"	(67.1 mm)
Depth	1.12"	(28.4 mm)
Full Height	3.5"	(88.9 mm)
<b>MODEL 6097</b>		
Pressure Range	0-3000 PSI	(0-210 BAR)
Temperature Range	68-180°F	(20-82°C)
Fitting [Bottom Mount]	1/4" NPTM	(1/4" NPTM)
Accuracy [FSD]	±1-3%	(±1-3%)
Weight	6.88 oz.	(.19 kg)
Dimensions Diameter	2.64"	(67.1 mm)
Depth	1.12"	(28.4 mm)
Full Height	3.5"	(88.9 mm)
<b>MODEL 6098</b>		
Pressure Range	0-15000 PSI	(0-1035 BAR)
Temperature Range	68-180°F	(20-82°C)
Fitting [Bottom Mount]	1/2" NPTM	(1/2" NPTM)
Accuracy [FSD]	±1-3%	(±1-3%)
Weight	29.52 oz.	(.84 kg)
Dimensions Diameter	4.13"	(104.9 mm)
Depth	1.83"	(46.5 mm)
Full Height	5.25"	(133.4 mm)

*"Customer confidence is our greatest asset"*

**SELECTION:** Select a pressure gauge with a rating that exceeds the system operating pressure by at least 25%. This gauge is designed for the discharge line (high pressure side of system).

**INSTALLATION:** These pressure gauges are designed to monitor high pressure typically **read at the pump** or downstream to verify the performance of other components. To assure the operating pressure does not exceed the rated pump pressure, mount the **pressure gauge at the pump discharge manifold. Always read your system pressure at the pump or between the pump and regulating device.** Excessive pressure spikes may occur while the unit is in by-pass and could result in damage to the pump or void the warranty.

**OPERATION:** Best performance will be received from the gauge if used with system pressures up to 75% of maximum gauge rating. The pressure gauge automatically reads the system pressure during operation and will register pressure spikes, fluctuations and low pressure to allow you to monitor the performance of your system. Sudden changes or fluctuations in set system pressure or continued low pressure readings are the first signs that system maintenance is necessary. NOTE: Safety blow-out disc is standard feature only on model 6098.

**MAINTENANCE:** The pressure gauge is air tight and trouble free. Avoid overpressure, overheating, freezing or harsh chemicals to receive optimum life from your gauge. Replace when damaged.

## TROUBLESHOOTING

Fluctuating pressure	<ul style="list-style-type: none"><li>● Lack of liquid to pump.</li><li>● Foreign object in valves of pump.</li><li>● Worn seals or o-rings in pump or accessories.</li><li>● Air leak in system.</li></ul>
Low pressure with gun open	<ul style="list-style-type: none"><li>● Lack of liquid to pump.</li><li>● Worn seals in pump.</li><li>● Worn valves in pump.</li><li>● Gauge's rubber orifice plugged.</li></ul>
Pressure spikes	<ul style="list-style-type: none"><li>● Unloader or Regulator malfunction or improper adjustment.</li></ul>

## WARRANTY

### 90 Day Warranty

Refer to complete CAT PUMPS Warranty for further information.

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