



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 fluid or humidity within gauge.
- Safety blow-out disc for automatic protection at limit pressures.
- 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" NPT     | (1/4" NPT)     |
| Accuracy [FSD]         | ±1-3%        | (±1-3%)        |
| Weight                 | 7.6 oz.      | (.22 kg)       |
| Dimensions Diameter    | 2.63"        | (66.8 mm)      |
| Depth                  | 1.1"         | (27.9 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" NPT     | (1/4" NPT)     |
| Accuracy [FSD]         | ±1-3%        | (±1-3%)        |
| Weight                 | 7.6 oz.      | (.22 kg)       |
| Dimensions Diameter    | 2.63"        | (66.8 mm)      |
| Depth                  | 1.1"         | (27.9 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" NPT     | (1/4" NPT)     |
| Accuracy [FSD]         | ±1-3%        | (±1-3%)        |
| Weight                 | 7.6 oz.      | (.22 kg)       |
| Dimensions Diameter    | 2.63"        | (66.8 mm)      |
| Depth                  | 1.1"         | (27.9 mm)      |
| Full Height            | 3.5"         | (88.9 mm)      |
| <b>MODEL 6098</b>      |              |                |
| Pressure Range         | 0-15000 PSI  | (0-105 BAR)    |
| Temperature Range      | 68-180°F     | (20-82°C)      |
| Fitting [Bottom Mount] | 1/2" NPT     | (1/2" NPT)     |
| Accuracy [FSD]         | ±1-3%        | (±1-3%)        |
| Weight                 | 30.8 oz.     | (.87 kg)       |
| Dimensions Diameter    | 4.0"         | (101.6 mm)     |
| Depth                  | 1.8"         | (45.7 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.

**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 fluid 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 fluid 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 malfunction or improper adjustment.</li></ul>   |

## WARRANTY

### 90 Day Warranty

Refer to complete Cat Pump Warranty for further information.

Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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### World Headquarters

#### CAT PUMPS

1681 - 94th Lane N.E. Minneapolis, MN 55449-4324

Phone (612) 780-5440 — FAX (612) 780-2958

e-mail: sales@catpumps.com

www.catpumps.com

### International Inquiries

FAX (612) 785-4443

e-mail: intlsales@catpumps.com



### CAT PUMPS (U.K.) LTD.

1 Fleet Business Park, Sandy Lane, Church Crookham, Fleet

Hampshire GU13 0BF, England

Phone Fleet 44 1252-622031 — Fax 44 1252-626655

### N.V. CAT PUMPS INTERNATIONAL S.A.

Heiveldkens 6A, 2550 Kontich, Belgium

Phone 32-3-450.71.50 — Fax 32-3-450.71.51

e-mail: cpi@catpumps.be

### CAT PUMPS DEUTSCHLAND GmbH

Buchwiese 2, D-65510 Idstein, Germany

Phone 49 6126-93030 — Fax 49 6126-930333

e-mail: catpumps@t-online.de