Brass Model: **1560**

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>U.S. Measure</th>
<th>Metric Measure</th>
</tr>
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<tbody>
<tr>
<td>Flow</td>
<td>9.0 gpm</td>
</tr>
<tr>
<td>Pressure Range</td>
<td>100 to 4000 psi</td>
</tr>
<tr>
<td>Pump RPM*</td>
<td>1280 rpm</td>
</tr>
<tr>
<td>Inlet Pressure Range</td>
<td>Flooded to 70 psi</td>
</tr>
<tr>
<td>Std. Liquid Temperature</td>
<td>140° F</td>
</tr>
</tbody>
</table>

**Above 130°F** call Cat Pumps for inlet conditions and elastomer recommendations.

| Bore           | 0.787”       | 20 mm       |
| Stroke         | 1.181”       | 30 mm       |
| Crankcase Capacity | 42 oz.   | 1.26 l      |
| Inlet Ports (2) | 3/4” NPT(F) | 3/4” NPT(F) |
| Discharge Ports (2) | 1/2” NPT(F) | 1/2” NPT(F) |
| Pulsator Port (1) | 1/8” NPT(F) | 1/8” NPT(F) |
| Pulley Mounting | Either Side | Either Side |
| Shaft Diameter | 1.181”       | 30 mm       |
| Weight         | 59.9 lbs.    | 27.2 kg     |
| Dimensions     | 16.93 x 12.99 x 6.44” | 430 x 330 x 163.5 mm |

*Pump minimum is 100 RPM.

### FEATURES

- Triplex design offers high efficiency and low pulsation.
- Durable V-Packings are lubricated and cooled by the liquid being pumped.
- Pre-set Lo-Pressure Seals provide secondary protection against external leaks and require no packing adjustment.
- Special high-density, polished, concentric plungers provide a true wear surface and extended seal life.
- Stacked valve design for ease in servicing.
- Special pulsator assembly port for jetting option.
- Standard NBR Seals with alternative options for temperatures and chemical compatibility.
  - FPM – .0110
  - High Temp, 200° F (Intermittent Run Dry) – .3400

### ELECTRIC HORSEPOWER REQUIREMENTS

<table>
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<tr>
<th>Flow (gpm)</th>
<th>Pressure (psi)</th>
<th>RPM</th>
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<tr>
<td></td>
<td>psi 2500</td>
<td>psi 3000</td>
</tr>
<tr>
<td>9</td>
<td>15.4</td>
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<tr>
<td>8</td>
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<td>16.4</td>
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<td>12.0</td>
<td>14.4</td>
</tr>
<tr>
<td>6</td>
<td>10.3</td>
<td>12.3</td>
</tr>
</tbody>
</table>

### DETERMINING

**THE PUMP R.P.M.**

\[
\text{Rated gpm} = \text{"Desired" gpm}
\]

**THE REQUIRED H.P.**

\[
\text{Hp (Electric Brake)} = \frac{\text{gpm} \times \text{psi}}{1460}
\]

**MOTOR PULLEY SIZE**

\[
\text{Motor Pulley O.D.} = \text{Pump Pulley O.D.}
\]

See complete Drive Packages (includes: pulleys, belts, hubs, key) Tech Bulletin 003. Refer to pump Service Manual for repair procedure and additional technical information.
<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>MATL</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<td>S</td>
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</table>

Model
Standard - 1560
January 2018

*Review individual parts in each kit for material code identification. Italic are optional items. R Components comply with RoHS Directive.
† Production parts are different than service parts. See Tech Bulletins 002, 003, 024, 035, 036, 043, 053, 074, 083 and 118 for additional information.

MATERIAL CODES (Not Part of Part Number):
ABS=ABS Plastic AL=Aluminum ALE=Aluminum Epoxy BB=Brass BZ=Bronze CC=Ceramic CM-Chrome-moly CU=Copper F=Cast Iron FBB=Forged Brass FBR=Fiber FCM=Forged Chrome-moly FPM=Fluorocarbon NBR=Medium Nitrile (Buna-N) NV=Nylon PE=Polyethylene POP=Polypropylene PTFE=Pure Polytetrafluoroethylene PVDF=Polyvinylidene Fluoride s=304SS SBZ=304SS/Bronze ST2=Special PTFE 2 STCP=Steel/Chrome Plated STG=Special Blend PTFE White STHT=Special PTFE High Temp STL=Steel STZP=Steel/Zinc Plated

EXPLODED VIEW
CAUTIONS AND WARNINGS

All High Pressure Systems require a primary pressure regulating device (i.e. regulator, unloader) and a secondary pressure relief device (i.e. pop-off valve, relief valve). Failure to install such relief devices could result in personal injury or damage to pump or property. Cat Pumps does not assume any liability or responsibility for the operation of a customer's high pressure system.

Read all CAUTIONS and WARNINGS before commencing service or operation of any high pressure system. The CAUTIONS and WARNINGS are included in each service manual and with each Accessory Data sheet. CAUTIONS and WARNINGS can also be viewed online at www.catpumps.com/cautions-warnings or can be requested directly from Cat Pumps.

WARRANTY

View the Limited Warranty on-line at www.catpumps.com/warranty.

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