TWO STAGE HIGH/LOW HYDRAULIC PUMPS
**DIMENSIONAL DRAWINGS**

**GC Series**

![Diagram](image)

### GC Series

<table>
<thead>
<tr>
<th>P/N</th>
<th>Nominal Flow (GPM)</th>
<th>✓ Rotation</th>
<th>Shaft Dia.</th>
<th>Ext.</th>
<th>Mount Type</th>
<th>Inlet Ports</th>
<th>Outlet Ports</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1300483</td>
<td>5</td>
<td>CW</td>
<td>1/2</td>
<td>1.5&quot;</td>
<td>4-bolt</td>
<td>1/2&quot; NPTF</td>
<td>1/2&quot; NPTF</td>
<td>4.91 4.03 2.53</td>
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<td>1.5&quot;</td>
<td>4-bolt</td>
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<td>1/2&quot; NPTF</td>
<td>4.91 4.03 2.53</td>
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<td>CW</td>
<td>1/2</td>
<td>1.5&quot;</td>
<td>4-bolt</td>
<td>1/2&quot; NPTF</td>
<td>1/2&quot; NPTF</td>
<td>4.91 4.03 2.53</td>
</tr>
<tr>
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<td>CW</td>
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<td>4-bolt</td>
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<td>1/2&quot; NPTF</td>
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<td>CCW</td>
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<td>4-bolt</td>
<td>1/2&quot; NPTF</td>
<td>1/2&quot; NPTF</td>
<td>4.91 4.03 2.53</td>
</tr>
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<td>11</td>
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<td>1.5&quot;</td>
<td>4-bolt</td>
<td>x 1&quot; tube</td>
<td>1/2&quot; NPTF</td>
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<td>1.5&quot;</td>
<td>4-bolt</td>
<td>x 1&quot; tube</td>
<td>1/2&quot; NPTF</td>
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<td>x 1&quot; tube</td>
<td>1/2&quot; NPTF</td>
<td>5.47 4.59 3.09</td>
</tr>
</tbody>
</table>

* At 3600 RPM.
** SAE ports available, consult factory.
✓ Ports and valves on opposite side of casting.
✔ As viewed from the shaft end.
■ These two pumps have square keys, 1/8” x 1”, instead of #404 Woodruff Key.
☒ Indicates a 1” inlet tube is used.
♦ Indicates 1/2” NPTF port.

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DIMENSIONAL DRAWINGS
D Series

**D Series**

<table>
<thead>
<tr>
<th>P/N</th>
<th>Nominal Flow GPM*</th>
<th>✓ Rotation</th>
<th>Shaft Dia.</th>
<th>Mount Type</th>
<th>Ports**</th>
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<tr>
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<td>CW</td>
<td>5/8</td>
<td>SAE A</td>
<td>1&quot; NPTF</td>
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<tr>
<td>1300489</td>
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<td>CW</td>
<td>5/8</td>
<td>SAE A</td>
<td>3/4&quot; NPTF</td>
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</table>

* At 3600 RPM.
** SAE ports available, consult factory.
✓ As viewed from the shaft end.
### Pump Selection Guide

<table>
<thead>
<tr>
<th>P/N</th>
<th>Nominal Flow GPM *</th>
<th>High Pressure Gear Displ. in.³</th>
<th>Low Pressure Gear Displ. in.³</th>
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<tr>
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<td>.465</td>
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<tr>
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<td>1.395</td>
</tr>
</tbody>
</table>

* At 3600 RPM.
All pumps factory preset at 650 PSI; for settings outside range, contact factory.

NOTE: All pumps above are 3000 PSI max. working pressure, 400-900 PSI unload adjustable range, and 500-4000 RPM range.
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### PRODUCT RANGE

**He Power Packs**
- 12/24/48 VDC 0.8 - 3.5 kW and 0.75 - 3 kW AC modular power packs

**Pressure Switches**
- 5 - 350 bar connecting / disconnecting

**He Classic Power Packs**
- 12/24/48 VDC modular power packs in weatherproof boxes

**W100 Hydraulic Pumps**
- 0.5 - 2.0 cc/section, 227 bar

**W300 Hydraulic Pumps**
- 0.8 - 5.7 cc/section, 230 bar

**W600 Hydraulic Pumps**
- 4 - 12 cc/section, 276 bar

**WM600 Hydraulic Motors**
- 4 - 12 cc/section, 276 bar

**W900 Hydraulic Pumps**
- 5 - 31 cc/section, 276 bar

**WM900 Hydraulic Motors**
- 5 - 31 cc/section, 276 bar

**WQ800 The Quiet Pump**
- 5 - 27 cc/section, 230 bar

**W1500 Hydraulic Pumps**
- 19 - 50 cc/section, 276 bar

**WM1500 Hydraulic Motors**
- 19 - 50 cc/section, 276 bar

**G25 Hydraulic Pumps**
- 23 - 87 cc/section, 250 bar

**GM25 Hydraulic Motors**
- 23 - 87 cc/section, 250 bar

**GPA Internal Gear Pumps**
- 1.7 - 63 cc/section, 100 bar

**GC Hydraulic Pumps/Fluid Motors**
- 1.06 - 11.65 cc/section, 276 bar

**II-Stage Hydraulic Pumps**
- 4.2 - 22.8 cc/section, 276 bar

**Rotary Flow Dividers**
- 3.8 - 13.3 cc/section, 300 bar

**D Hydraulic Pumps**
- 3.8 - 22.9 cc/section, 207 bar

**H Hydraulic Pumps**
- 9.8 - 39.4 cc/section, 207 bar

**G20/G30 Hydraulic Pumps**
- 23 - 161 cc/section, 276 bar

**GM20/GM30 Hydraulic Motors**
- 23 - 161 cc/section, 276 bar

**G20/G30 (LS) Hydraulic Pumps**
- 23 - 161 cc/section, 276 bar

**Transmission Pumps**

**Fuel Pumps**

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