Wheatley, P50-A (5S-2M), Simplex, Plunger Pump

- 5 horsepower 2.188” stroke horizontal simplex single acting plunger pump
- Available in four different fluid end materials
- Pump speeds up to 350 RPM

**Specs**

<table>
<thead>
<tr>
<th>Spec</th>
<th>U.S. Standard</th>
</tr>
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<tbody>
<tr>
<td>Type:</td>
<td>simplex</td>
</tr>
<tr>
<td>Minimum Plunger Diameter:</td>
<td>1⅛”</td>
</tr>
<tr>
<td>Maximum Plunger Diameter:</td>
<td>1¾”</td>
</tr>
<tr>
<td>Stroke length:</td>
<td>2 3/16”</td>
</tr>
<tr>
<td>Maximum Working Pressure:</td>
<td>2,042 PSI</td>
</tr>
<tr>
<td>Rod/Piston Load:</td>
<td>2030lb</td>
</tr>
<tr>
<td>Gallons per Minute:</td>
<td>7.97</td>
</tr>
<tr>
<td>Barrels per Day:</td>
<td>273</td>
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<tr>
<td>Brake Horse Power:</td>
<td>5.4</td>
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</tbody>
</table>

**Features/Benefits**

**Power End Features:**

- Cast iron power frame
- Alloy steel crosshead pins
- Heavy-duty roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Cast iron connecting rods
- Ductile Iron crankshaft with ground journals & polished throws
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- One piece plungers
- Flooded sump, splash distribution lubrication
- Rated rod load is 2030 lbs

**Fluid End Features:**

- Bolted Covers forged Liquid Ends
- Threaded type glands & integral stuffing boxes
- Bronze stuffing box bushings and packing followers
- Optional flanged connections available
- Abrasion Resistant Valves
- Plungers - Solid Ceramic, or Tungsten Coated
- Spring loaded Plunger Packing
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