**PUMP SPECIFICATIONS**

- **Size:** 6” x 4” (152 mm x 102 mm) Flanged.
- **Casing:** Stainless Steel CD4MCu.
  - Maximum Operating Pressure 200 psi (1379 kPa).*
- **Enclosed Type, Two Vane Impeller:** Stainless Steel CD4MCu.
  - Handles 3" (76,2 mm) Diameter Spherical Solids.
- **Suction Head:** Stainless Steel CD4MCu.
- **Suction Spool:** Stainless Steel CD4MCu.
- **Impeller Shaft:** Stainless Steel 17-4 PH.
- **Externally Adjustable, Replaceable Wear Ring:** Stainless Steel CD4MCu.
- **Bearing Pedestal:** Gray Iron 30.
- **Seal Plate:** Stainless Steel CD4MCu.
- **Seal:** Mechanical, SAE 30 Non-Detergent Oil Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton * or Equivalent). Stainless Steel 316 Cage and Stainless Steel 316 Spring. Maximum Temperature of Liquid Pumped 160 °F (71 C).*
- **Shaft Sleeve:** Stainless Steel 17-4 PH.
- **Priming Chamber:** Stainless Steel 316 Housing w/Stainless Steel Float and Linkage.
- **Discharge Check Valve:** Stainless Steel Housing w/Viton Flapper.
- **Radial Bearing:** Open Roller.
- **Thrust Bearing:** Open Double Ball.
- **Bearing Cavity Lubrication:** Lithium EP2 Grease.
- **Gaskets:** Fluorocarbon (DuPont Viton * or Equivalent), Compressed Synthetic Fibers and Buna-N.
- **O-Rings:** Fluorocarbon (DuPont Viton * or Equivalent).
- **Hardware:** Stainless Steel 316 and 17-4 PH.
- **Seal Cavity Oil Level Sight Gauges**

*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

**Standard Equipment:**
- Strainer, Gear-Driven Air Compressor, Hoisting Bail, Combination Skid Base w/Fuel Tank, Single Ball Type Float Switch.*

**Optional Equipment:**

**ENGINE SPECIFICATIONS**

- **Model:** John Deere 6068H “Power Tech.”
- **EPA Tier:** Tier 3.
- **Type:** Six Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.
- **Displacement:** 415 Cu. In. (6,8 liters).
- **Full Load Operating Time:** 15.3 Hrs.
- **Starter:** 12V Electric.
- **Standard Features:** Muffler w/Weather Cap.
- **Optional:** Electronic Fuel Level Sensor.

**JOHN DEERE PUBLISHED PERFORMANCE:**

<table>
<thead>
<tr>
<th>P.S.I.</th>
<th>Feet</th>
<th>Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>128.3</td>
<td>296</td>
<td>400 400 N/A N/A</td>
</tr>
<tr>
<td>121.4</td>
<td>280</td>
<td>560 560 N/A N/A</td>
</tr>
<tr>
<td>104.0</td>
<td>240</td>
<td>1060 1280 320 320</td>
</tr>
<tr>
<td>86.7</td>
<td>200</td>
<td>1110 1370 1160 1200</td>
</tr>
<tr>
<td>69.4</td>
<td>160</td>
<td>1120 1400 1740 1880</td>
</tr>
<tr>
<td>52.0</td>
<td>120</td>
<td>1125 1415 1780 2040</td>
</tr>
<tr>
<td>34.7</td>
<td>80</td>
<td>1130 1425 1790 2060</td>
</tr>
<tr>
<td>17.3</td>
<td>40</td>
<td>1130 1430 1800 2060</td>
</tr>
</tbody>
</table>

**Suction Lift Based On 1800 RPM Engine Speed.**

- **Suction Lift:**
  - 25’
  - 20’
  - 15’
  - 10’

**WARNING!**

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

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SKID BASE

WHEEL KIT

NET WEIGHT: 5040 LBS. (2286.1 KG.)

SHIPPING WEIGHT: 5250 LBS. (2381.4 KG.)

EXPORT CRATE SIZE: 401 CU. FT. (11.4 CU. M.)

Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

SECTION 43, PAGE 231

GORMAN‐RUPP PUMPS

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POWERED BY TIER 3 JOHN DEERE 6068H DIESEL ENGINE

PERFORMANCE CURVE

TOTAL HEAD JOHN DEERE 6068H DIESEL ENGINE

VOLUTE 38218‐304 CURVE PAH4A‐6068H‐1

IMPELLER 38621‐733 MODEL PAH4A‐6068H

SP. GR. 1.0 RPM NOTED

The shown performance curve does not include discharge check valve losses.

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