Specification Data

Diesel Engine Driven

Priming Assisted Centrifugal Pump w/Autostart

Model PAH8C60-6068H

Size 10” x 8”

<table>
<thead>
<tr>
<th>Total Head</th>
<th>Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.S.I.</td>
<td>Feet</td>
</tr>
<tr>
<td>104.1</td>
<td>240</td>
</tr>
<tr>
<td>86.7</td>
<td>200</td>
</tr>
<tr>
<td>75.9</td>
<td>175</td>
</tr>
<tr>
<td>65.0</td>
<td>150</td>
</tr>
<tr>
<td>54.2</td>
<td>125</td>
</tr>
<tr>
<td>43.6</td>
<td>100</td>
</tr>
<tr>
<td>32.5</td>
<td>75</td>
</tr>
<tr>
<td>21.7</td>
<td>50</td>
</tr>
</tbody>
</table>

PUMP SPECIFICATIONS

Size: 10” x 8” (254 mm x 203.2 mm) Flanged.


Maximum Operating Pressure 179 psi (1234 kPa). *

Enclosed Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3” (76,2 mm) Diameter Spherical Solids.

Suction Head: Gray Iron 30


Impeller Shaft: Alloy Steel 4150M.

Replaceable Wear Ring: Ductile Iron 65-45-12.

Bearing Pedestal: Gray Iron 30.

Seal Plate: Gray Iron 30.


Shaft Sleeve: Stainless Steel 303/304.

Priming Chamber: Gray Iron 30 Housing w/Stainless Steel Float and Linkage.

Discharge Check Valve: Ductile Iron Housing w/Buna-N Flapper.

Radial Bearing: Open Single Ball.

Thrust Bearing: Open Double Ball.


Gaskets: Vegetable Fiber, Buna-N, Fluorocarbon (DuPont Viton® or Equivalent).

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Seal Cavity Oil Level Sight Gauges.

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


**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.

WARNING!

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

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).

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.


Full Load Operating Time: 14.4 Hrs.

Starter: 12V Electric.

Standard Features: Muffler w/Weather Cap.

Optional: Electronic Fuel Level Sensor.


JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Ind/Hvy Duty) 225 (168 kW) @ 2200 RPM

GORMAN-RUPP PUMPS

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Specification Data

APPROXIMATE
DIMENSIONS and WEIGHTS

SECTION 43, PAGE 420

NET WEIGHT:
5650 LBS. [2562.8 KG.]

SHIPPING WEIGHT:
5650 LBS. [2562.8 KG.]

EXPORT CRATE SIZE:
455 CU. FT. (12.9 CU. M.)

GORMAN‐RUPP PUMPS

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Performance Curve

Volute 38218‐324 Curve PAHBC‐6068H‐1
Impeller 38621‐787 Model PAHBC‐6068

Size 10"x8" Imp. Dia. 14.25"
Sp.Gr. 1.0 RPM NOTED

Performance shown does not include discharge check valve losses.