Primed Assisted Centrifugal Pump
w/Autostart
Model PAH660C60-6068H
Size 8” x 6”

<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>121.4</td>
<td>280</td>
</tr>
<tr>
<td>104.0</td>
<td>240</td>
</tr>
<tr>
<td>86.7</td>
<td>200</td>
</tr>
<tr>
<td>69.4</td>
<td>160</td>
</tr>
<tr>
<td>52.0</td>
<td>120</td>
</tr>
<tr>
<td>34.7</td>
<td>80</td>
</tr>
<tr>
<td>17.3</td>
<td>40</td>
</tr>
</tbody>
</table>

PUMP SPECIFICATIONS
Size: 8” x 6” (203.2 mm x 152.4 mm) Flanged.
Maximum Operating Pressure 207 psi (1427 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.
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 18-8 Spring. Maximum Temperature of Liquid Pumped 160 °F (71 °C).*
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.

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.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Full Load Operating Time: 13.4 Hrs.
Starter: 12V Electric.
Standard Features: Muffler w/Weather Cap.

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Ind/Hvy Duty) 225 (168 kW) @ 2200 RPM

GORMAN-RUPP PUMPS
www.grpumps.com
Specifications Subject to Change Without Notice Printed in U.S.A.
NET WEIGHT: 5550 LBS. [2517.4 KG.]
SHIPPING WEIGHT: 5850 LBS. [2653.5 KG.]
EXPORT CRATE SIZE: 385 CU. FT. (10.9 CU. M.)

Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

DISCHARGE
6.00 NOMINAL WITH 8 HOLES .88/.224,4 DIA.
EQUALLY SPACED ON A 9,59/.241,3 DIA B.C.

SUCTION
6.00 NOMINAL WITH 8 HOLES .88/.224,4 DIA.
EQUALLY SPACED ON A 11,75/.298,4 DIA B.C.

GORMAN‐RUPP PUMPS

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PERFORMANCE CURVE

JOHN DEERE 6068H DIESEL ENGINE
GOVERNOR SETTING 2200 RPM @ SHUT OFF
DO NOT RUN BELOW 1400 RPM

VOLUTE 36218-323 CURVE PA66C-6068H-1
IMPELLER 36621-733 MODEL PA66C-6068H

SIZE 9"X6" IMP. DIA. 14.25"
SP.GR. 1.0 RPM NOTED

Performance shown does not include discharge check valve losses.

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