Specification Data

Diesel Engine Driven

Prime Aire

Priming Assisted Centrifugal Pump w/Autostart
Model PAH4B60-4045H FT4
Size 6” x 4”

PUMP SPECIFICATIONS
Size: 6” x 4” (152 mm x 102 mm) Flanged.
Maximum Operating Pressure 159 psi (1096 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.
Pedestal: Gray Iron 30.
Seal Plate: Gray Iron 30.
Seal: Mechanical, SAE 30 Non-Detergent Oil-Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorecarbon 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 Roller.
Thrust Bearing: Open Double Ball.
Gaskets: Vegetable Fiber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Seal Cavity Oil Level Sight Gauges.

<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>101.9</td>
<td>235</td>
</tr>
<tr>
<td>97.5</td>
<td>225</td>
</tr>
<tr>
<td>86.7</td>
<td>200</td>
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<tr>
<td>75.9</td>
<td>175</td>
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<tr>
<td>65.0</td>
<td>150</td>
</tr>
<tr>
<td>54.2</td>
<td>125</td>
</tr>
<tr>
<td>43.4</td>
<td>100</td>
</tr>
<tr>
<td>32.5</td>
<td>75</td>
</tr>
<tr>
<td>21.7</td>
<td>50</td>
</tr>
<tr>
<td>10.8</td>
<td>25</td>
</tr>
</tbody>
</table>

**Suction Lift Based On 1800 RPM Engine Speed.

ENGINE SPECIFICATIONS
Model: John Deere 4045HFC04
EPA Tier: Tier 4
Type: Four Cylinder, Turbocharged, Diesel Engine with Air Compressor.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Full Load Operating Time: 20.5 Hrs.
Starter: 12V Electric.

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Continuous) 125 (93 kW) @ 2200 RPM

Specifications Subject to Change Without Notice Printed in U.S.A.