PUMP SPECIFICATIONS

Size: 6" x 4" (152 mm x 102 mm) Flanged.
Maximum Operating Pressure 184 psi (1269 kPa).*
Enclosed Type, Five Vane Impeller: Ductile Iron 65-45-12.
Handles 1/2" (12.7 mm) Diameter Spherical Solids.
Suction Head: Ductile Iron 65-45-12.
Impeller Shaft: Alloy Steel 4150M.
Replaceable Wear Ring: Ductile Iron 65-45-12.
Bearing Pedestal: Gray Iron 30.
Seal Plate: Gray Iron 30.
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.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Seal Cavity Oil Level 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.**


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

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ENGINE SPECIFICATIONS

Model: John Deere 4045H “Power Tech”.
Type: Four Cylinder, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.
Governor: Electronic Isochronous.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Oil Reservoir: 15.5 U.S. Qts. (14.7 liters) Dry; 14.5 U.S. Qts. (13.7 liters) Refill.
Full Load Operating Time: 13.9 Hrs.
Starter: 12V Electric.


JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Intermittent Duty) 140 (104 kW) @ 2400 RPM
**Specification Data**

**SECTION 43, PAGE 210**

**SKID BASE 2-WHEEL**

- **NET WEIGHT:** 3408 LBS. (1546 KG.)
- **SHIPPING WEIGHT:** 3708 LBS. (1682 KG.)
- **EXPORT CRATE SIZE:** 330 CU. FT. (9.3 CU. M.)

**APPROXIMATE DIMENSIONS and WEIGHTS**

**SKID BASE**

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- **EXPORT CRATE SIZE:** 330 CU. FT. (9.3 CU. M.)

**POWERED BY JOHN DEERE 4045H DIESEL ENGINE**

**PERFORMANCE CURVE**

- **VOLUTE 38218-308**
- **CURVE PAH40-4045H**
- **IMP. 38623-534**
- **MODEL PAH40-4045H**

**TOTAL HEAD**

<table>
<thead>
<tr>
<th>N</th>
<th>PSI</th>
<th>FT</th>
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</thead>
<tbody>
<tr>
<td>120</td>
<td>140</td>
<td>160</td>
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<tr>
<td>440</td>
<td>460</td>
<td>480</td>
</tr>
</tbody>
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**PERFORMANCE CURVE**

- **SIZE 6'X4' IMPELLER, 13.50'**
- **SP.GR. 1.0 RPM NOTED**

**GORMAN-RUPP PUMPS**

www grpumps.com

Specifications Subject to Change Without Notice

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