PUMP SPECIFICATIONS

Size: 6” x 3” (152 mm x 76 mm) Flanged.


Maximum Casing Pressure 260 psi (1793 kPa).*

Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100°F (37°C) Based on System Component Limitations.*

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.

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.

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.

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 6068H “Power Tech.”

Type: Six Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.


Governor: Electronic.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.


Full Load Operating Time: 22.3 Hrs.

Starter: 12V Electric.


JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Ind/Hvy Duty)

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<th>RPM</th>
<th>1000</th>
<th>1200</th>
<th>1400</th>
<th>1600</th>
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Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance

<table>
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<tr>
<th>P.S.I.</th>
<th>Feet</th>
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<th>20'</th>
<th>15'</th>
<th>10'</th>
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<td>900</td>
<td>1100</td>
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**WARNING!**

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

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