## Specification Data

### Diesel Engine Driven

**Priming Assisted Centrifugal Pump w/Autostart**

**Model PAH4F60-4045H FT4**

**Size 6” x 4”**

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### Pump Specifications

**Size:** 6” x 4” (152 mm x 102 mm) Flanged.

**Casing:** Ductile Iron 65-45-12.

**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.

**Suction Spool:** 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 18-8 Cage and Stainless Steel 316 Spring. Maximum Temperature of Liquid Pumped 160 °F (71 °C).*

**Shaft Sleeve:** Stainless Steel 303/304.

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

**Discharge Check Valve:** Ductile Iron Housing */Viton Flapper.

**Radial Bearing:** Open Roller.

**Thrust Bearing:** Open Double Ball.

**Bearing Cavity Lubrication:** Lithium EP2 Grease.

**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

**Gear-Driven Air Compressor, Hoisting Bail, Combination Skid Base w/Fuel Tank, Single Ball Type Float Switch, Full Feature Control Panel**

### Optional Equipment

**Battery, Skid Drag Base Kit, Heated Priming Chamber Kit, NPT Threaded Flange Kit, Suction Vacuum and Discharge Pressure Gauge Kit, Wheel Kit */ DOT Approved Lights and Electric Brakes, Tandem Axle Over-the-Road Trailer, (Meets DOT Requirements) Available */Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Chains/Cables. Liquid Level Transducer.**

*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 4045HFC04

**EPA Tier:** Tier 4.

**Type:** Four Cylinder, Turbocharged, Diesel Engine with Air Compressor.

**Displacement:** 276 Cu. In. (4.5 liters).

**Lubrication:** Forced Circulation.

**Air Cleaner:** Dry Type.

**Fuel Tank:** 110 U.S. Gals. (417 liters).

**Full Load Operating Time:** 15.5 Hrs.

**Starter:** 12V Electric.

**Standard Features:** Weather Cap. DOC/SCR Exhaust After Treatment System.


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

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GORMAN-RUPP PUMPS

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**SKID BASE**

- NET WEIGHT: 4360 LBS. (1977,7 KG.)
- SHIPPING WEIGHT: 4485 LBS. (2034,4 KG.)
- EXPORT CRATE SIZE: 453 CU. FT. (12,8 CU. M.)

**APPROXIMATE DIMENSIONS and WEIGHTS**

- **SKID BASE**
  - NET WEIGHT: 4360 LBS. (1977,7 KG.)
  - SHIPPING WEIGHT: 4485 LBS. (2034,4 KG.)
  - EXPORT CRATE SIZE: 453 CU. FT. (12,8 CU. M.)

- **POWERED BY:** JOHN DEERE 4045H FT4 DIESEL ENGINE

- **SUCTION:**
  - 6.00 NOMINAL WITH 8 HOLES
  - .88 [22,4] DIA EQUALLY SPACED
  - ON A .950 [241,3] DIA BC

- **DISCHARGE:**
  - 4.00 NOMINAL WITH 8 HOLES
  - .75 [19,0] DIA EQUALLY SPACED
  - ON A .750 [190,5] DIA BC

- **DIMENSIONS:**
  - [INCHES] [MILLIMETERS]
  - 20.20 [513,0]
  - 24.50 [622,3]
  - 26.04 [661,3]
  - 3.38 [85,7]

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