**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.

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: 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, NPT Threaded Flange Kit, Heated Priming Chamber Kit, Suction Vacuum and Discharge Pressure Gauge Kit, Wheel Kit w/ DOT-Approved Lights and Electric Brakes, Tandem Axle Over-the-Road Trailer (Meets DOT Requirements) Available w/ 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.


Lubrication: Forced Circulation.

Air Cleaner: Dry Type.


Full Load Operating Time: 16.1 Hrs.

Starter: 12V Electric.


**JOHN DEERE PUBLISHED PERFORMANCE:**

Maximum Gross BHP (Continuous) 125 (93 kW) @ 2200 RPM
### APPROXIMATE DIMENSIONS and WEIGHTS

**SKID BASE**
- NET WEIGHT: 4280 LBS. (1941.4 KG.)
- SHIPPING WEIGHT: 4405 LBS. (1998.1 KG.)
- EXPORT CRATE SIZE: 453 CU. FT. (12.8 CU. M.)

**SECTION 43, PAGE 211**

**DISCHARGE:**
- 4.00 NOMINAL WITH 8 HOLES
- 0.75 [19.0] DIA EQUALLY SPACED ON A 7.50 [190.5] DIA BC

**Suction:**
- 6.00 NOMINAL WITH 8 HOLES
- 0.88 [22.4] DIA EQUALLY SPACED ON A 9.50 [241.3] DIA BC

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

**DIMENSIONS:**
- INCHES [MILLIMETERS]
  - 66.75 [1695.4] APPROX
  - 79.50 [2019.3] APPROX
  - 21.54 [547.0]
  - 12.00 [304.8]
  - 20.27 [514.8]
  - 23.50 [596.9]
  - 35.25 [895.3]
  - 60.00 [1524.0]
  - 8.09 [205.4]
  - 3.38 [85.7]
  - 66.75 [1695.4]
  - 62.09 [1577.2]
  - 15.62 [396.9]
  - 11.88 [301.2]
  - 19.56 [496.7]

**PERFORMANCE CURVE**
- VOLUTE 38218-308 CURVE PAH40-4045H-1
- IMPPELLER 38623-534 MODEL PAH40-4045H

**Specifications Subject to Change Without Notice**

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