Primed Assisted Centrifugal Pump w/Autostart
Model PAH3B60-4045H FT4
Size 6” x 3”

PUMP SPECIFICATIONS
Size: 6” x 3” (152 mm x 76 mm) Flanged.
Maximum Operating Pressure 195 psi (1345 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.
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 */Stainless Steel Float and Linkage.
Discharge Check Valve: Ductile Iron Housing */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 Temper-

ature Indicated.
Standard Equipment: Gear-Driven Air Compressor. Hoisting Bail. Combination
Skid Base w/Fuel Tank Full Feature Control Panel Single Ball Type Float
Switch. **
Optional Equipment: Battery. Skid Drag Base Kit. NPT Threaded Flange Kit.
Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure
Gauge Kit. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired
Wheel Kit */DOT Approved Lights and Electric Brakes. Tandem Axle Over-
the-Road Trailer (Meets DOT Requirements) Available */Either Electric or Hy-
**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths
Available From the Factory.

ENGINE SPECIFICATIONS
Model: John Deere 4045HFC04.
Engine Type: Turbocharged Four Cylinder, Diesel Engine w/Air Compressor.
Govemor: Electronic Isochronous.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Full Load Operating Time: 18.3 Hrs.
Starter: 12V Electric.
Engine Control Features: Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shut-
downs. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shut-
down Electronic Fuel Level Sensor.

GORMAN-RUPP PUMPS
www.grpumps.com
Specifications Subject to Change Without Notice
Printed in U.S.A.
Specification Data

**SKID BASE**
- NET WEIGHT: 4250 LBS. (1927.8 KG.)
- SHIPPING WEIGHT: 4375 LBS. (1984.5 KG.)
- EXPORT CRATE SIZE: 453 CU. FT. (12.8 CU. M.)

**APPROXIMATE DIMENSIONS and WEIGHTS**

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- NET WEIGHT: 4250 LBS. (1927.8 KG.)
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- EXPORT CRATE SIZE: 453 CU. FT. (12.8 CU. M.)

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

**DISCHARGE:**
- 3.00 NOMINAL WITH 4 HOLES
- .69[17.5] DIA EQUALLY SPACED ON A 6.00[152.4] DIA BC

**SUCTION:**
- 6.00 NOMINAL WITH 6 HOLES
- .68[17.2] DIA EQUALLY SPACED ON A 9.50[241.3] DIA BC

**DIMENSIONS:**

- **INCHES**
  - 19.56 [496.7]
  - 12.00 [304.8]
  - 15.62 [396.9]
  - 19.54 [496.2]
  - 34.75 [882.6]
  - 20.27 [514.8]
  - 40.50 [1028.8]
  - 66.75 [1696.4]
  - 7.38 [187.7]
  - 9.09 [230.8]
  - 10.00 [254.0]
  - 19.56 [496.7]
  - 23.50 [596.9]
  - 29.50 [749.3]
  - 127.00 [3225.8] APPROX

- **MILLIMETERS**
  - 2.00 [50.8]
  - 8.00 [200.2]
  - 11.50 [292.1]
  - 15.70 [398.8]
  - 16.80 [426.7]
  - 30.00 [762.0]
  - 13.80 [350.8]

**PERFORMANCE CURVE**

- **VOLUTE:** 38218-307
- **IMPELLER:** 38623-533
- **MODEL:** PAH38-4045H
- **SIZE:** 6"x3" IMP. DIA. 14.75" SP.GR. 1.0

Performance shown does not include discharge check valve leakage.

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