

ACDEU



Priming Assisted Centrifugal Pump w/Autostart Model PAH4B60-4045H Size 6" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
102.7	237	400	400	400	N/A
97.5	225	640	640	640	N/A
86.7	200	920	1040	1040	N/A
83.2	192	945	1120	1160	320
75.9	175	960	1220	1420	760
65.0	150	960	1240	1555	1220
54.2	125	960	1260	1575	1580
43.3	100	960	1260	1580	1775
32.5	75	960	1260	1580	1835
Suction Lift		25'	20'	15'	10' ‡

‡Suction Lift Based On 1800 RPM Engine Speed.

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 41L40.
- Replaceable Wear Ring:** Ductile Iron 65-45-12.
- Pedestal:** Gray Iron 30.
- Seal Plate:** Gray Iron 30.
- Seal:** Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Cage and 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 Roller.
- Thrust Bearing:** Open Double Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
- Gaskets:** Vegetable Fiber.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel.
- Bearing and 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. Strainer. Single Ball Type Float Switch.**
- Optional Equipment:** Battery. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/wo 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. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15M] Cable Standard, Alternate Lengths Available).
- **50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*



WARNING!

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

ENGINE SPECIFICATIONS

- Model:** John Deere 4045H "Power Tech".
- Type:** Four Cylinder, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.
- Displacement:** 275 Cu. In. (4,5 liters).
- 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.
- Fuel Tank:** 88 U.S. Gals. (330 liters).
- Full Load Operating Time:** 17.9 Hrs.
- Starter:** 12V Electric.
- Standard Features:** Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches. Fuel Level Sensor. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Manual/Stop/Auto Key Switch, 10 Amp Pushbutton Circuit Breaker, Startup Warning Delay. Muffler w/Weather Cap. Throttle Control.

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



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

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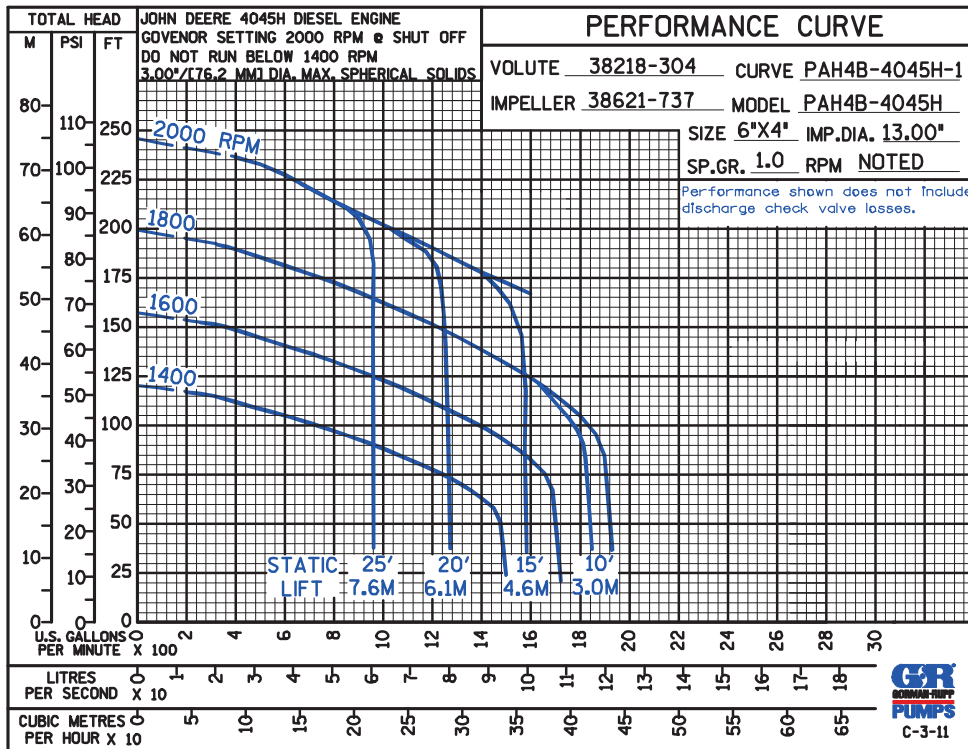
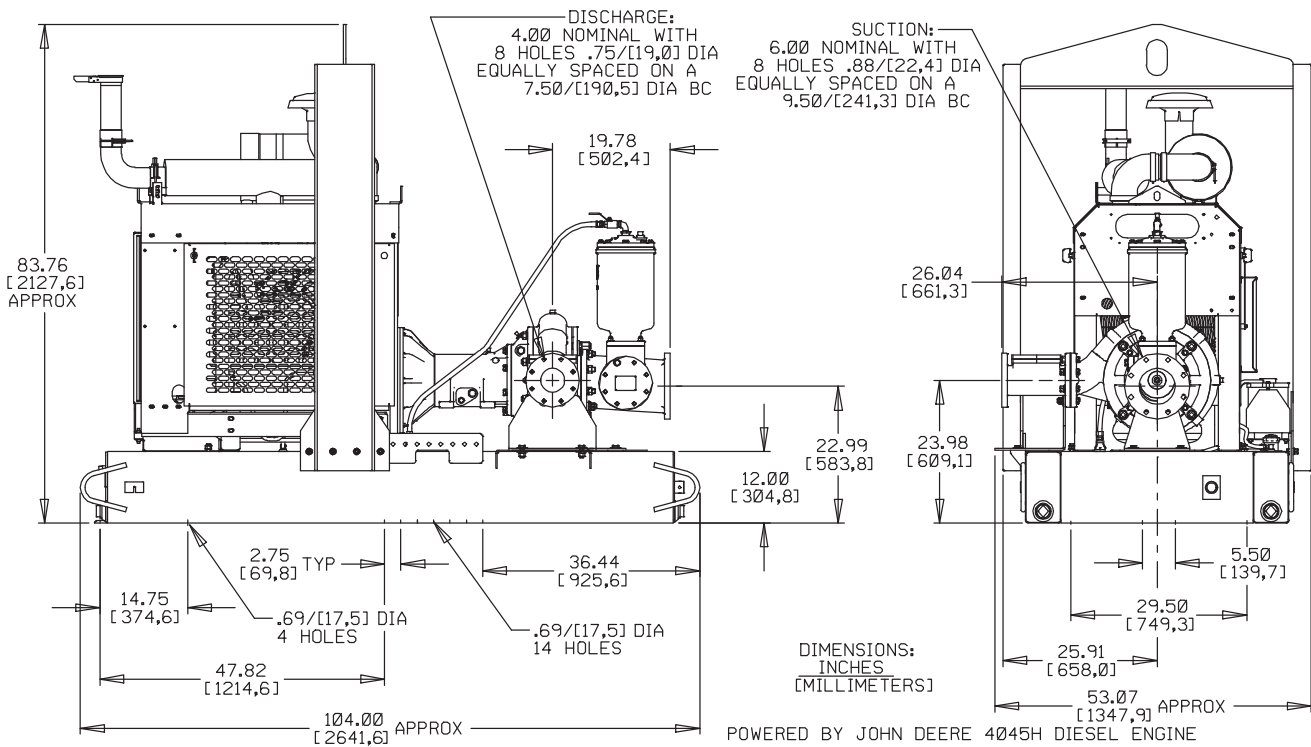
Specification Data

SECTION 43, PAGE 200

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

CONSULT FACTORY
CONSULT FACTORY
372 CU. FT. (11 CU. M.)



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