



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					
101.9	235	400	400	400	N/A	N/A
97.5	225	640	640	640	N/A	N/A
86.7	200	920	1040	1040	N/A	N/A
75.9	175	960	1235	1420	760	760
65.0	150	960	1245	1550	1220	1220
54.2	125	960	1247	1570	1580	1580
43.4	100	960	1265	1570	1770	1840
32.5	75	960	1265	1575	1830	1910
21.7	50	960	1270	1580	1840	1920
10.8	25	960	1280	1580	1845	1930
Suction Lift		25'	20'	15'	†10'	†5'

†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 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 w/Stainless Steel Float and Linkage.
- Discharge Check Valve:** Ductile Iron Housing with Welded Nickel Seat and Buna-N 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: Strainer. Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Single Ball Type Float Switch.**

Optional Equipment: Battery. 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 w/w/o 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. 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



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

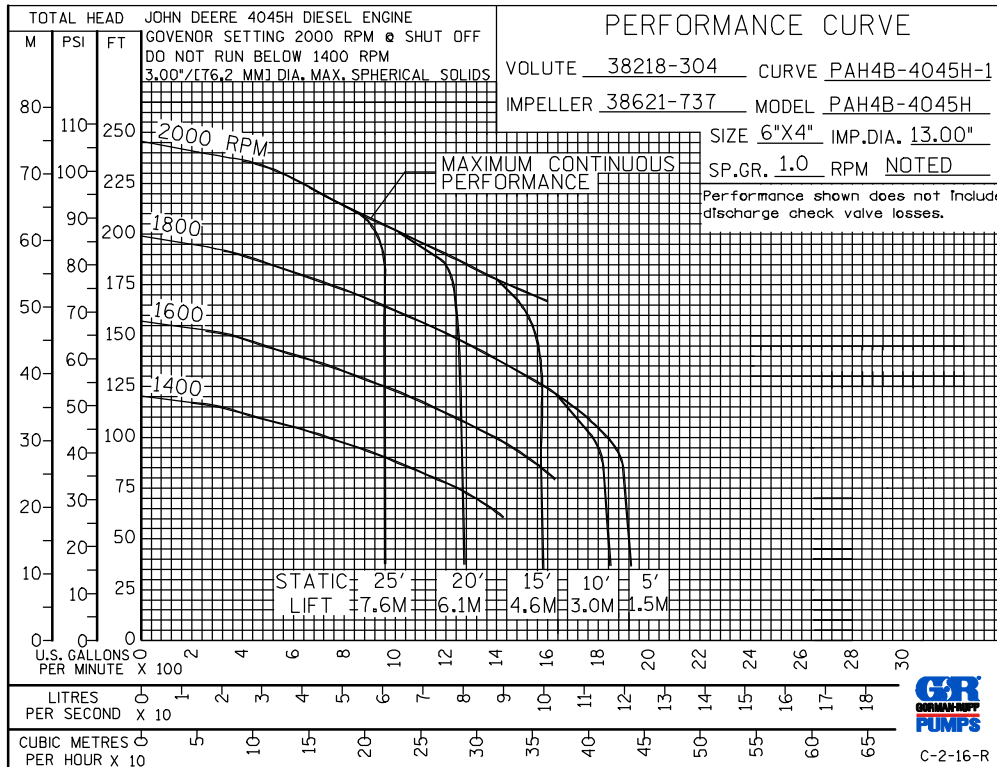
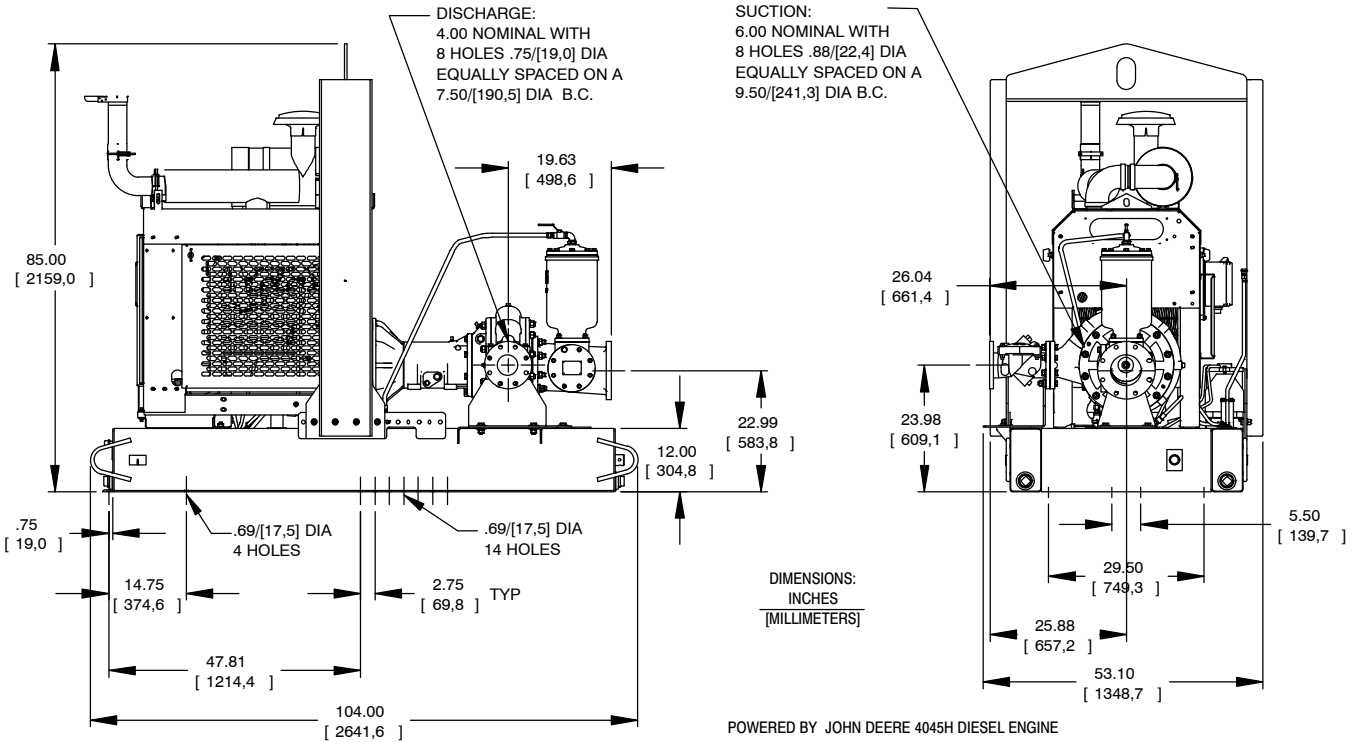
APPROXIMATE DIMENSIONS and WEIGHTS

SKID BASE

2-WHEEL

NET WEIGHT: 3428 LBS. (1555 KG.) 3923 LBS. (1779 KG.)
SHIPPING WEIGHT: 3728 LBS. (1691 KG.) 3923 LBS. (1779 KG.)
EXPORT CRATE SIZE: 372 CU. FT. (11 CU. M.)

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