



# Priming Assisted Centrifugal Pump w/Autostart Model PAH4D60-4045H Size 6" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
122.2	282	460	460	460	460
104.0	240	520	760	895	930
86.7	200	520	762	998	1110
69.3	160	522	765	1000	1210
52.0	120	525	770	1000	1225
34.7	80	527	770	1002	1240
17.3	40	530	770	1005	1250
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>

## PUMP SPECIFICATIONS

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

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

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.

**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 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 Single Ball.

**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/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 Cables/Chains. EPS w/Submersible Transducer Liquid Level Sensor.

*\*\*50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*



## 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:** 13.9 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

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

# Specification Data

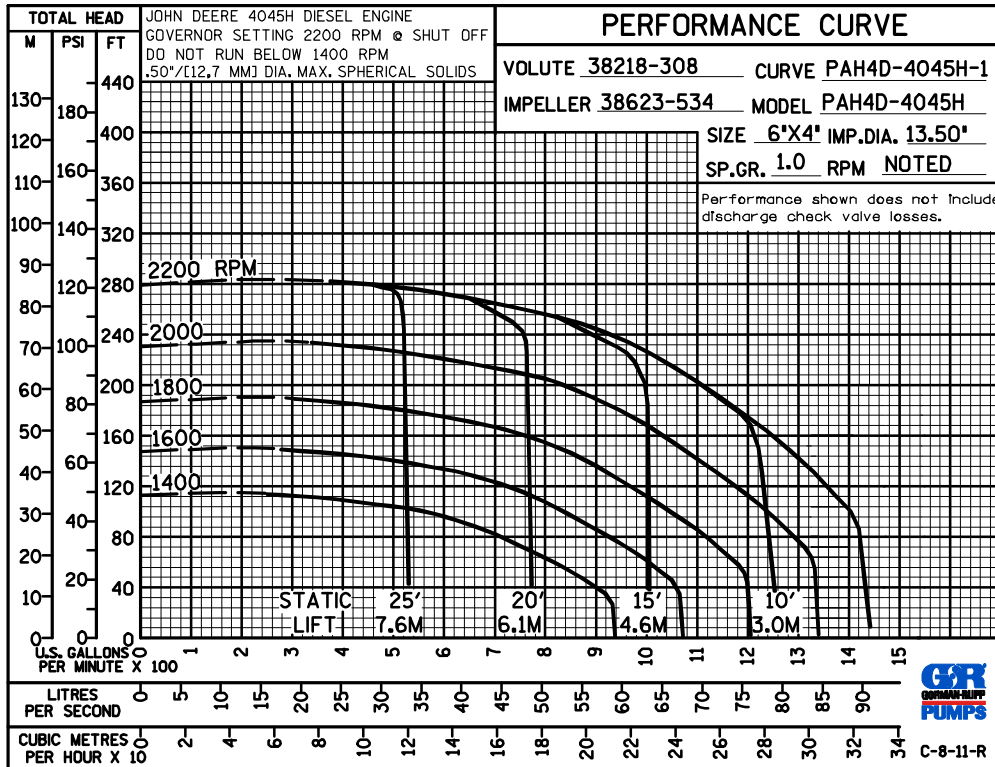
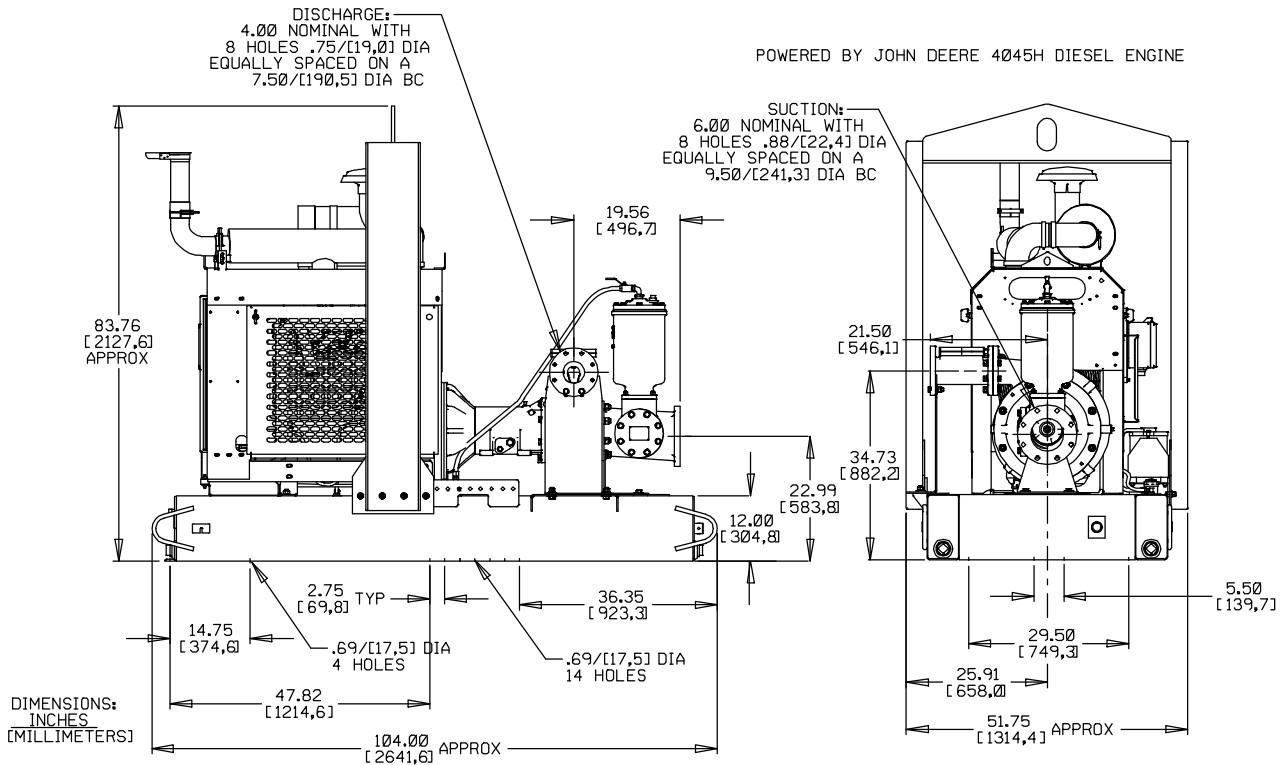
APPROXIMATE DIMENSIONS and WEIGHTS

## SKID BASE

## 2-WHEEL

**NET WEIGHT:** 3408 LBS. (1546 KG.) 3903 LBS. (1770 KG.)  
**SHIPPING WEIGHT:** 3708 LBS. (1682 KG.) 3903 LBS. (1770 KG.)  
**EXPORT CRATE SIZE:** 330 CU. FT. (9,3 CU. M.)

SECTION 43, PAGE 210



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