

A C D E U



VARIOUS PATENTS APPLY

# Priming Assisted Centrifugal Pump w/Autostart Model PA6C60-4045H Size 8" x 6"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
75.9	175	750	750	750	750
65.0	150	1300	1300	1350	1350
54.2	125	1650	1650	1880	1880
43.4	100	1710	2000	2225	2225
32.5	75	1750	2050	2350	2480
21.7	50	1800	2075	2400	2625
10.8	25	1840	2120	2450	2725
<b>Suction Lift</b>		<b>23'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>



**PUMP SPECIFICATIONS**

**Size:** 8" x 6" (203 mm x 152 mm) Flanged.  
**Casing:** Ductile Iron 65-45-12.  
 Maximum Operating Pressure 127 psi (876 kPa).  
**Semi-Open, Two Vane Impeller:** Ductile Iron 65-45-12.  
 Handles 3" (76,2 mm) Diameter Spherical Solids.  
**Impeller Shaft:** Stainless Steel 17-4 PH.  
**Replaceable Wear Plate:** Ductile Iron 80-60-03.  
**Removable Cleanout Cover Plate:** Gray Iron 30.  
**Intermediate Bracket:** Gray Iron 30.  
**Seal Plate:** Gray Iron 30.  
**Seal:** Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).  
**Shaft Sleeve:** Stainless Steel 17-4 PH.  
**Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.  
**Discharge Check Valve:** Gray Iron 30 Housing w/Buna-N Flapper.  
**Radial and Thrust Bearings:** Open Double Ball.  
**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.  
**Flanges:** Gray Iron 30.  
**O-Rings:** Buna-N.  
**Gaskets:** Resistant Synthetic Rubber, Cork, PTFE, Vegetable Fiber, and Compressed Synthetic Fibers.  
**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. Suction and Discharge NPT Threaded Flange Kits. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/w<sub>o</sub> DOT-Approved Lights and Electric Brakes. Single Axle Over-the-Road Trailer (Meets DOT Requirements) Available w/ Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables. EPS w/Submersible Transducer Liquid Level Sensor. \*\*  
*\*\*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:** 19.0 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 (Ind/Hvy Duty)  
 115 (86 kW) @ 2200 RPM



**THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**

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

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Specifications Subject to Change Without Notice

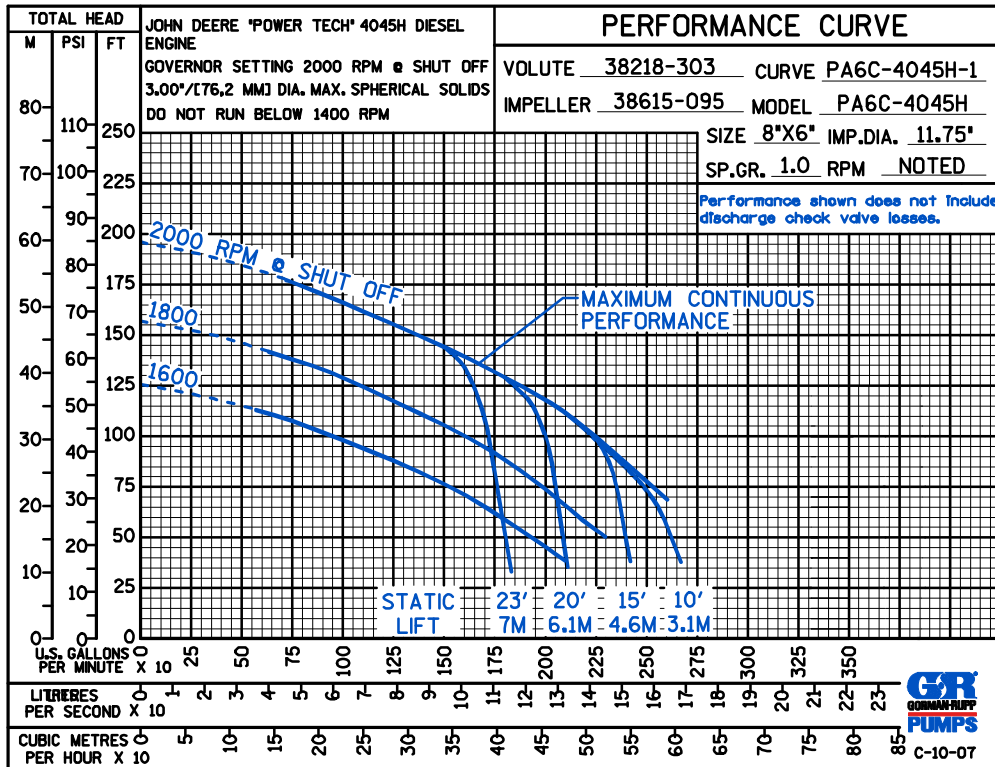
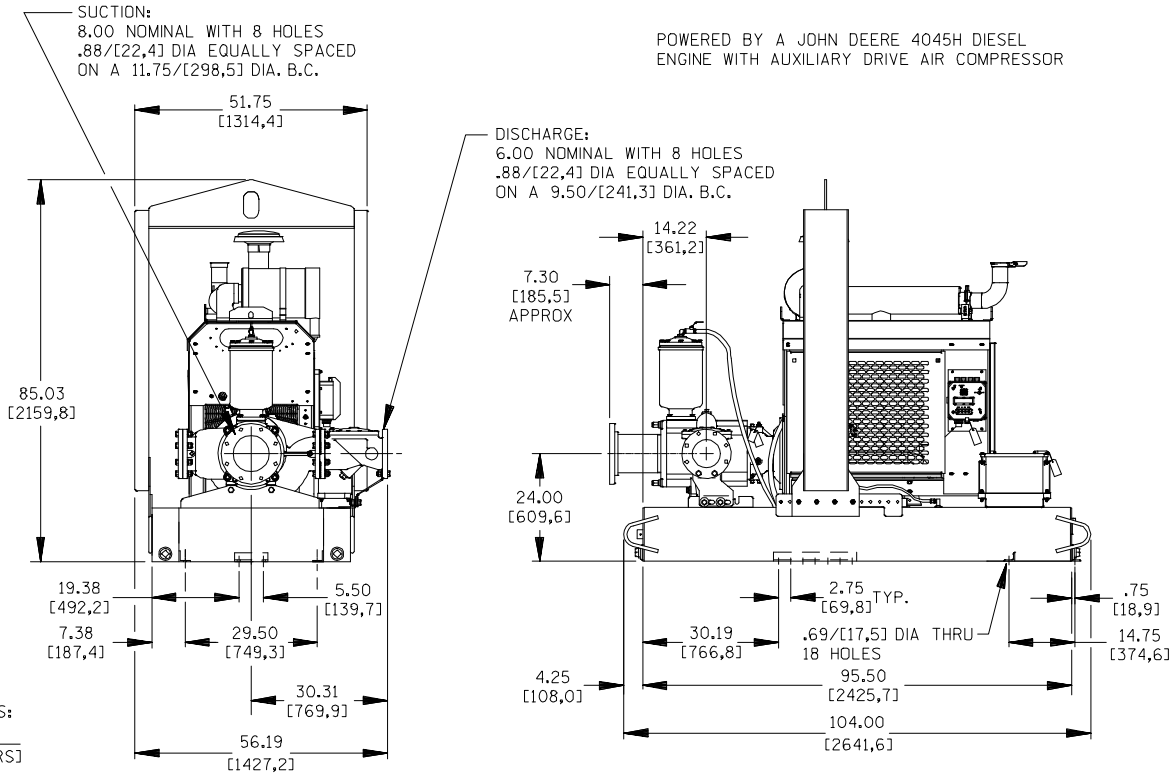
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**Specification Data**

APPROXIMATE  
DIMENSIONS and WEIGHTS

	<b>SKID BASE</b>	<b>2-WHEEL</b>
<b>NET WEIGHT:</b>	3570 LBS. (1619 KG.)	4075 LBS. (1848 KG.)
<b>SHIPPING WEIGHT:</b>	3820 LBS. (1732 KG.)	4075 LBS. (1848 KG.)
<b>EXPORT CRATE SIZE:</b>	290 CU. FT. (8,2 CU. M.)	

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