

A C D E U



Priming Assisted Centrifugal Pump w/Autostart

Model PA4C60-4045H

Size 6" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
128.3	296	350	350	350	350
121.4	280	630	720	720	720
104.0	240	690	975	1110	1200
86.7	200	700	980	1120	1220
69.4	160	700	980	1120	1220
52.0	120	700	980	1120	1220
34.7	80	700	980	1120	1220
17.3	40	700	980	1120	1220
Suction Lift		25'	20'	15'	10'



PUMP SPECIFICATIONS

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

Casing: Gray Iron 30.

Maximum Operating Pressure 217 psi (1496 kPa).*

Enclosed Type, Two Vane Impeller: Gray Iron 30.

Handles 3" (76.2 mm) Diameter Spherical Solids.

Impeller Shaft: Stress-Proof Stainless Steel.

Replaceable Wear Ring: Gray Iron 30.

Back Plate: Gray Iron 30.

Bearing Frame: Gray Iron 30.

Seal: Mechanical Type w/Run-Dry Oil-Lubrication System. Silicon Carbide Rotating Face. Tungsten Titanium Carbide Stationary Face. Fluorocarbon Elastomers (DuPont Viton[®] or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*

Shaft Sleeve: Chrome Plated Stainless Steel 416.

Priming Chamber: Gray Iron 30 Housing w/Stainless Steel Float and Linkage.

Discharge Check Valve: 125# Ductile Iron Housing w/Buna-N Flapper.

Radial Bearing: Open Single Row Ball.

Thrust Bearings: Two Open Single Row Ball.

Bearing Lubrication: Grease.

Flanges: Gray Iron 30.

Gaskets: Vegetable Fiber w/Cork and Resistant Synthetic Rubber.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Seal Oil Reservoir Sight Gauge.

*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/wo 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: 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 (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

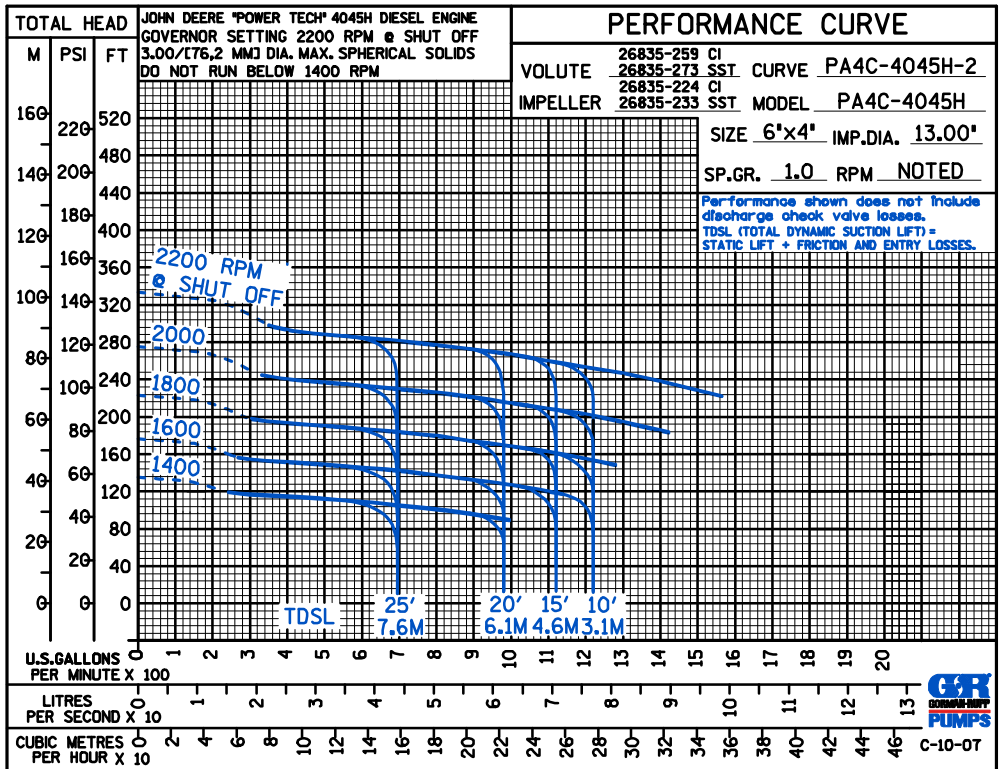
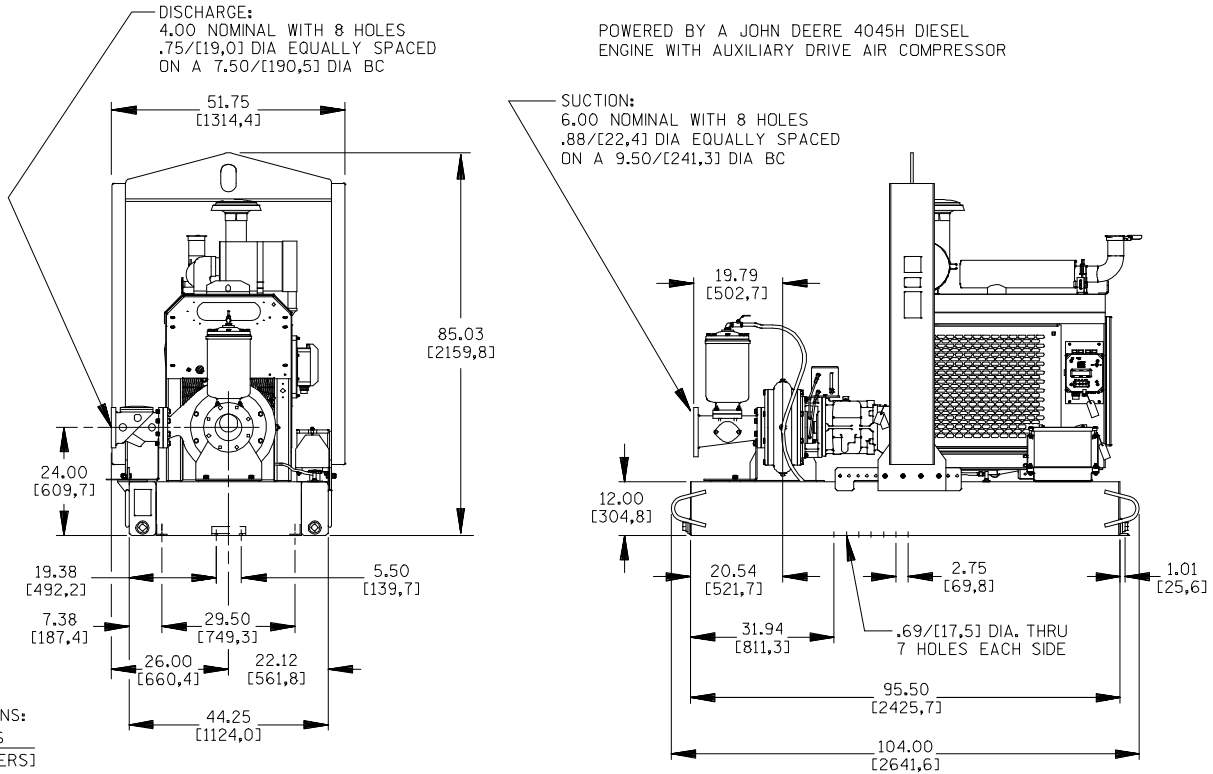
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Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

	SKID BASE	2-WHEEL
NET WEIGHT:	3740 LBS. (1696 KG.)	4235 LBS. (1921 KG.)
SHIPPING WEIGHT:	3890 LBS. (1764 KG.)	4235 LBS. (1921 KG.)
EXPORT CRATE SIZE:	305 CU. FT. (8,6 CU. M.)	



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