



VARIOUS PATENTS APPLY

Priming Assisted Centrifugal Pump w/Autostart Model PAH4A60-6068H 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	400	400	N/A	N/A
121.4	280	560	560	N/A	N/A
104.0	240	1060	1280	320	320
86.7	200	1110	1370	1160	1200
69.4	160	1120	1400	1740	1880
52.0	120	1125	1415	1780	2040
34.7	80	1130	1425	1790	2060
17.3	40	1130	1430	1800	2060
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 200 psi (1379 kPa).*

Enclosed Type, Five 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.

Externally Adjustable, 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 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.](#)**

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

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) Tandem Axle Pneumatic-Tired Wheel Kit w/w/o DOT Approved Lights and Electric Brakes. [Tandem Axle Over-the-Road Trailer.](#) [Full Feature Control Panel](#) For Use w/Submersible Transducer Liquid Level Sensor.



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

ENGINE SPECIFICATIONS

Model: John Deere 6068H "Power Tech."

EPA Tier: Tier 3.

Type: Six Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.

Displacement: 415 Cu. In. (6,8 liters).

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Fuel Tank: 130 U.S. Gals. (492 liters).

Full Load Operating Time: 15.3 Hrs.

Starter: 12V Electric.

Standard Features: Muffler w/Weather Cap.

Optional: Electronic Fuel Level Sensor.

Engine Control Features: Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Industrial Heavy Duty)
173 (168 kW) @ 2400 RPM



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

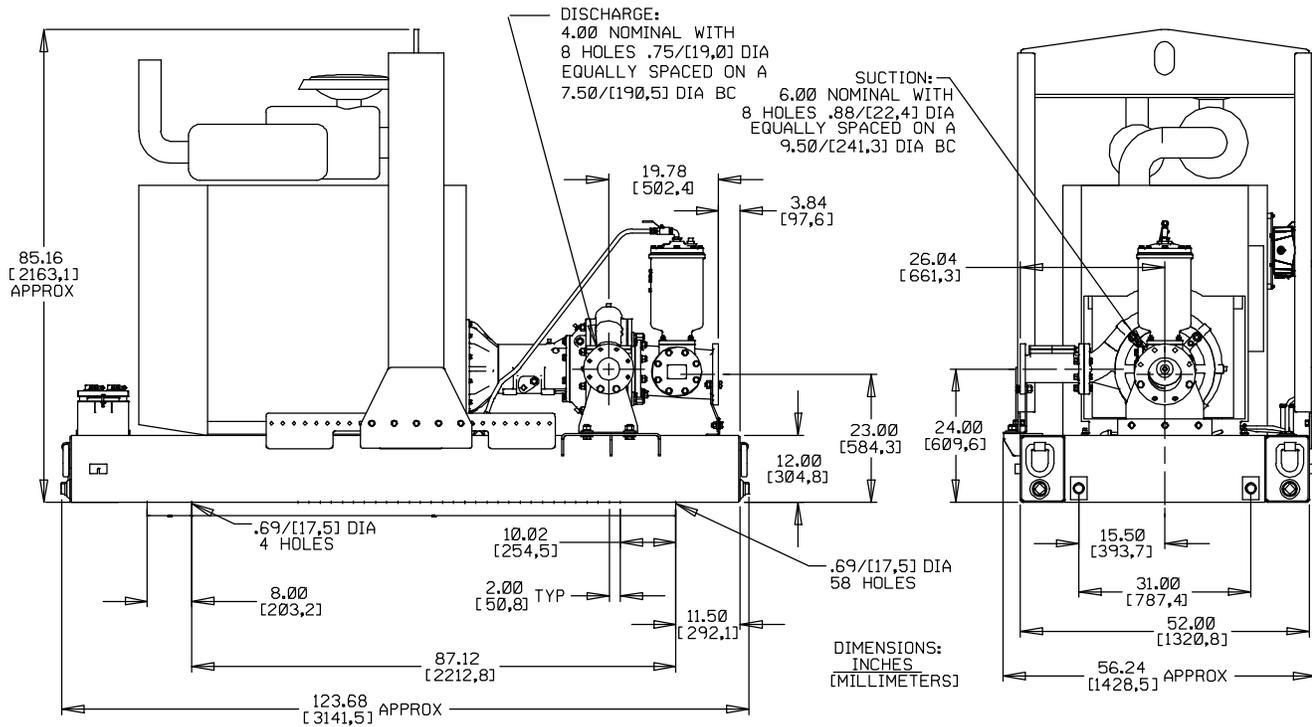
NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

SKID BASE

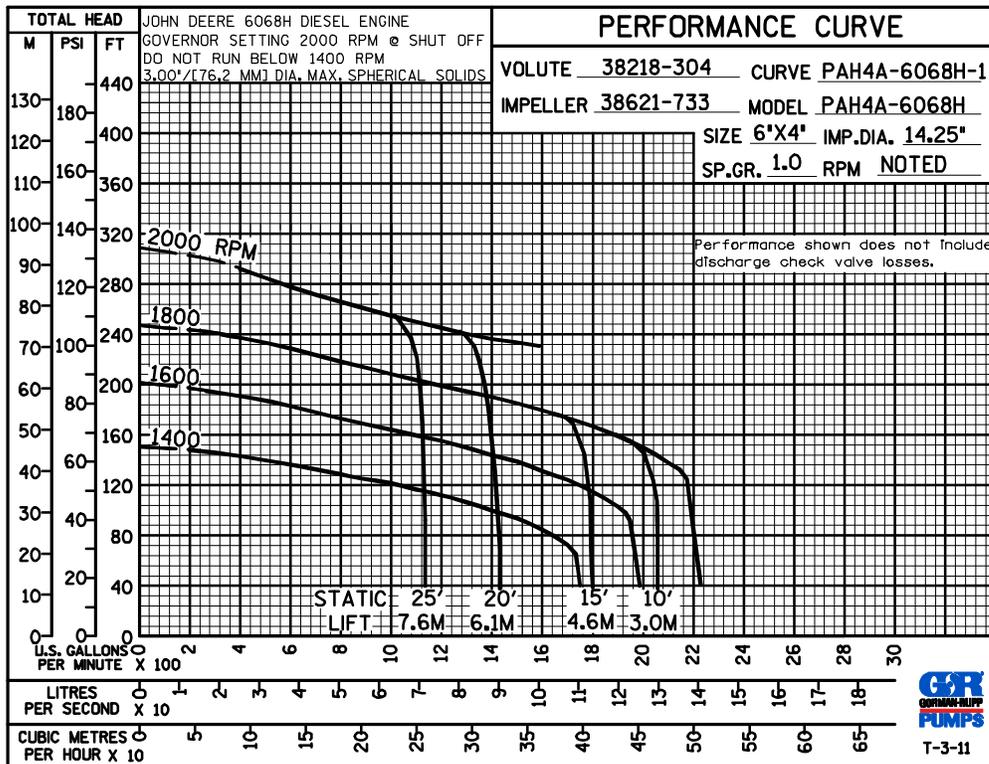
5890 LBS. (2671 KG.)
6100 LBS. (2767 KG.)
452 CU. FT. (13 CU. M.)

WHEEL KIT

6300 LBS. (2857 KG.)
6300 LBS. (2857 KG.)



POWERED BY TIER 3 JOHN DEERE 6068H DIESEL ENGINE



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