

Priming Assisted Centrifugal Pump w/Autostart



Model PAH10B60D-6136H FT4 Size 12" x 10"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
173.4	400	N/A	1650	1650	1650
151.7	350	N/A	3225	3980	4125
130.0	300	N/A	3260	4220	5150
108.4	250	2100	3290	4230	5210
86.7	200	2190	3300	4230	5220
65.0	150	2195	3300	4230	5250
43.3	100	2200	3300	4240	5250
21.7	50	2210	3305	4240	5280
Suction Lift		25'	20'	15'	10'

PHOTO NOT AVAILABLE AT TIME OF PUBLISHING

PUMP SPECIFICATIONS

Size: 12" x 10" (305 mm x 254 mm) Flanged.

Casing: Ductile Iron 65-45-12.

Maximum Casing Pressure 250 psi (1723 kPa).*

Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100° F (37° C) Based on System Component Limitations.*

Enclosed Type, Four Vane Impeller: Ductile Iron 80-55-06.

Handles 2" (50,8 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150M.

Replaceable Wear Ring: Ductile Iron 65-45-12.

Bearing Pedestal: Gray Iron 30.

Seal Plate: Ductile Iron 65-45-12.

Seal: Mechanical, SAE Non-Detergent Oil-Lubricated. Silicon Carbide Rotating Face and 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 303/304.

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

Discharge Check Valve: Ductile Iron Housing w/Welded Nickel Seat and Buna-N Flapper.

Radial Bearing: Open Single Ball.

Thrust Bearing: Open Double Ball.

Bearing Cavity Lubrication: Lithium EP2 Grease.

Suction Spool: Gray Iron 30.

Gaskets: Resistant Synthetic Rubber, Vegetable Fiber w/Compressed Synthetic Fibers.

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: Belt Driven Diaphragm Primer Hoisting Bail. Combination Skid Base w/Fuel Tank. [Full Feature Control Panel Single Ball Type Float Switch](#).**

Optional Equipment: Battery. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit. Liquid Level Sensor. Threaded Flange Kit.

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



ENGINE SPECIFICATIONS

Model: John Deere 6136CI440

EPA Tier: Tier 4.

Type: Six Cylinder, Charge Air Cooled, Diesel Engine. Enclosed w/Air Compressor

Displacement: 827 Cu. In. (13,6 liters).

Governor: Electronic Isochronous.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Fuel Tank: 284 U.S. Gals. (1075 liters).

Full Load Operating Time: 10.5 Hrs.

Starter: 12V Electric.

Optional Features: 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 Start-up Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor). Muffler w/Weather Cap.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Intermittent)
585 (436 kW) @ 2100 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

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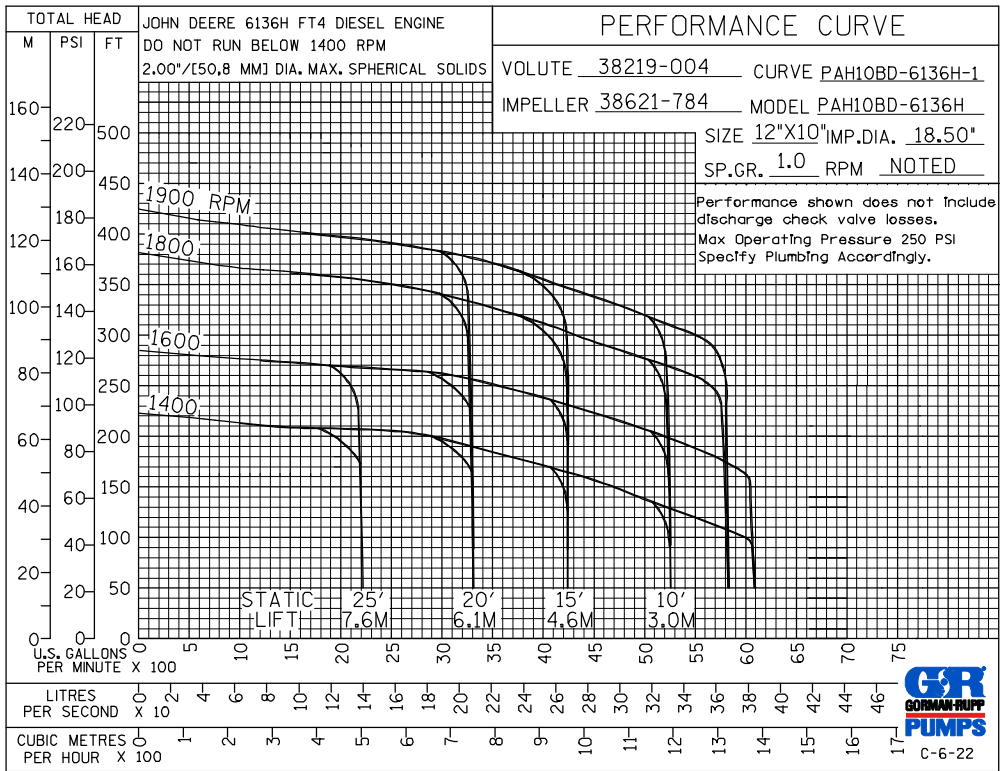
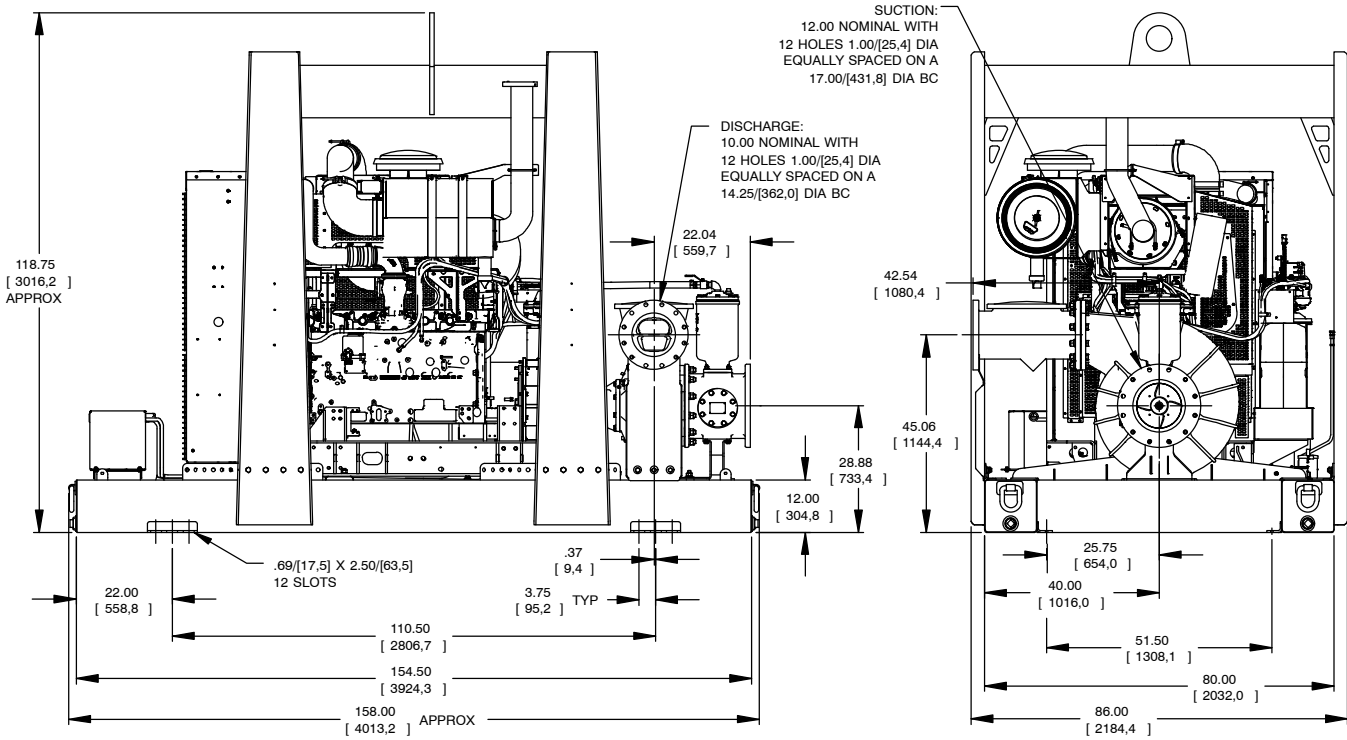
Specification Data

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APPROXIMATE
DIMENSIONS and
WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

12,030 LBS. (5457 KG.)
12,280 LBS. (5570 KG.)
1034 CU. FT. (29,3 CU. M.)



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