



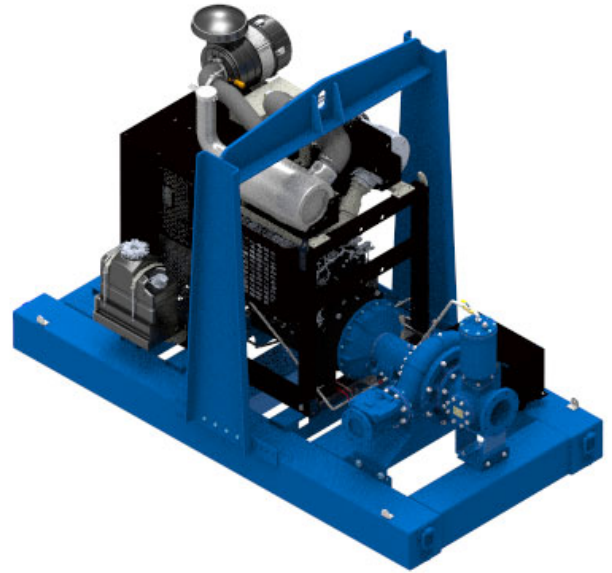
Priming Assisted Centrifugal Pump w/Autostart

Model PAH6E60-6090H FT4

Size 8" x 6"



| Total Head P.S.I. | Head Feet | Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance | | | | |
|----------------------|--------------|---|------------|------------|------------|-----------|
| | | 25' | 20' | 15' | 10' | 5' |
| 169.0 | 390 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 151.7 | 350 | 1060 | 1765 | 2350 | 2660 | 2900 |
| 130.0 | 300 | 1065 | 1780 | 2350 | 2660 | 3200 |
| 108.4 | 250 | 1070 | 1795 | 2350 | 2660 | 3210 |
| 86.7 | 200 | 1080 | 1800 | 2350 | 2660 | 3235 |
| 65.0 | 150 | 1085 | 1805 | 2355 | 2660 | 3245 |
| 43.4 | 100 | 1090 | 1825 | 2360 | 2660 | 3255 |
| 22.7 | 50 | 1090 | 1845 | 2365 | 2660 | 3280 |
| Suction Lift | | 25' | 20' | 15' | 10' | 5' |



PUMP SPECIFICATIONS

Size: 8" x 6" (203 mm x 152 mm) Flanged.
Casing: Ductile Iron 65-45-12.
 Maximum Casing Pressure 257 psi (1951 kPa).*
 Maximum Operating Pressure 250 psi (1772 kPa) at Temperatures up to 100 F (37 C) Based on System Component Limitations.*
Enclosed Type, Two 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.
Replaceable Wear Ring: Ductile Iron 65-45-12.
Bearing Pedestal: Gray Iron 30.
Seal Plate: Ductile Iron 65-45-12.
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 w/Buna-N Flapper.
Radial Bearing: Open Roller.
Thrust Bearing: Open Double Row Ball.
Bearing Cavity Lubrication: Lithium EP2 Grease.
Gaskets: Red Rubber, Compressed Synthetic Fibers and Buna-N.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Seal Cavity Oil Level Sight Gauges.
Standard Equipment: Gear-Driven Air Compressor. Hoisting Bail [Full Feature Control Panel](#). Combination Skid Base w/Fuel Tank. [Single Ball Type Float Switch](#) **
 *Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.
Optional Equipment: Battery. Skid Base Kit. [Tandem Axle Over-the-Road Trailer](#). Liquid Level Transducer.
 **50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.



ENGINE SPECIFICATIONS

Model: John Deere 6090HFC09.
EPA Tier: Final Tier 4.
Type: Six Cylinder, Charge-Air Cooled Diesel Engine. Enclosed. With Air Compressor
Displacement: 549 Cu. In. (9,0 liters).
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Fuel Tank: 216 U.S. Gals. (818 liters).
Full Load Operating Time: 14.9 Hrs.
Starter: 12V Electric.
Standard Features: Muffler w/Guard and Weather Cap, DOC/DPF and SCR Exhaust After-Treatment System.
Engine Control Features: Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shut-downs. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown Electronic Fuel Level Sensor.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Intermittent)
375 (280 kW) @ 2000 RPM



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

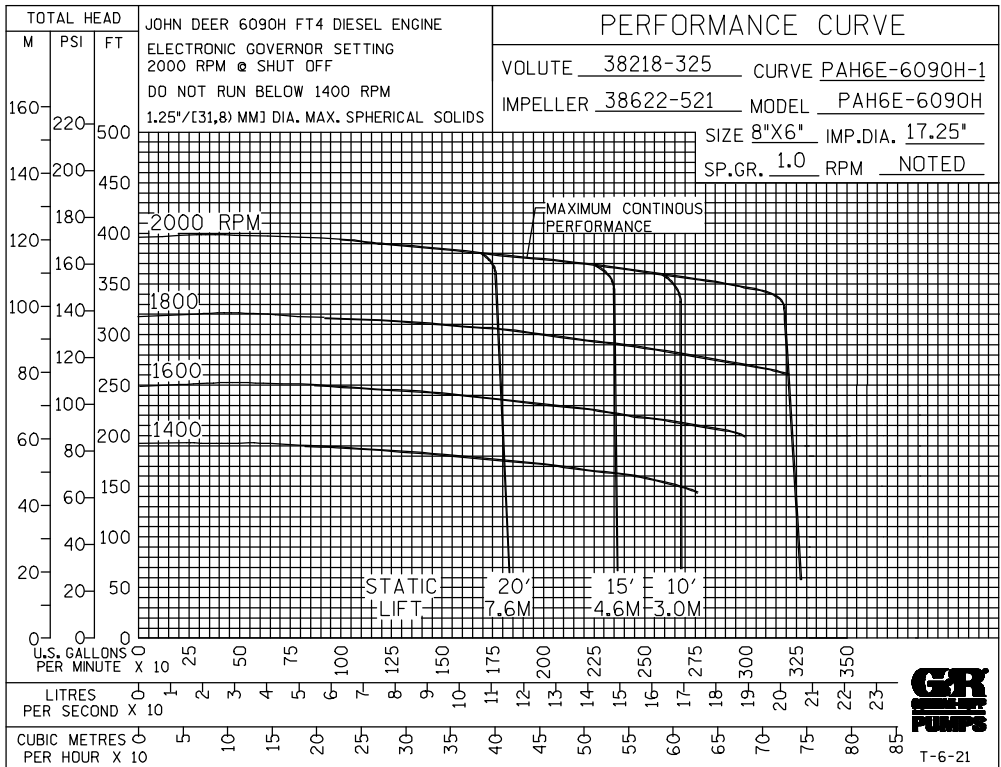
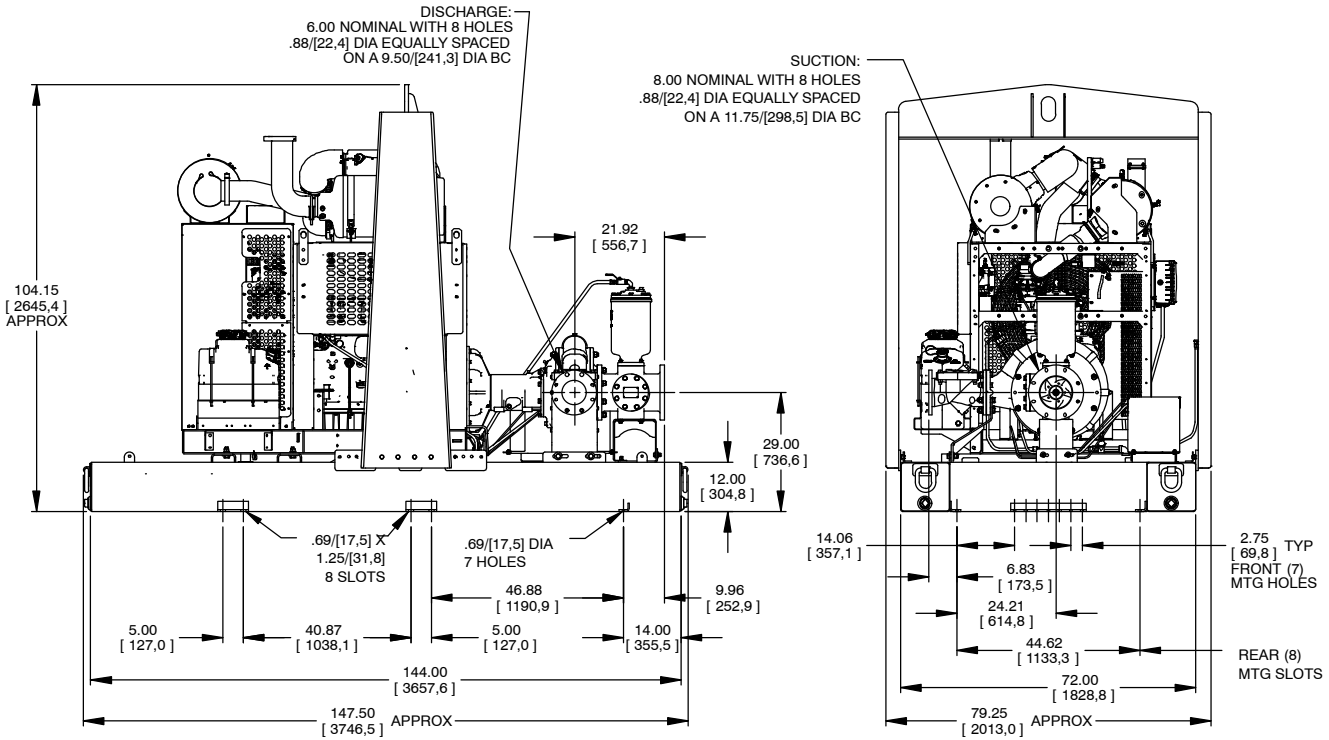
Specification Data

SECTION 43, PAGE 350

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

8870 LBS. [4023 KG.]
8870 LBS. [4023 KG.]
783 CU. FT. (22,2 CU. M.)



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.