



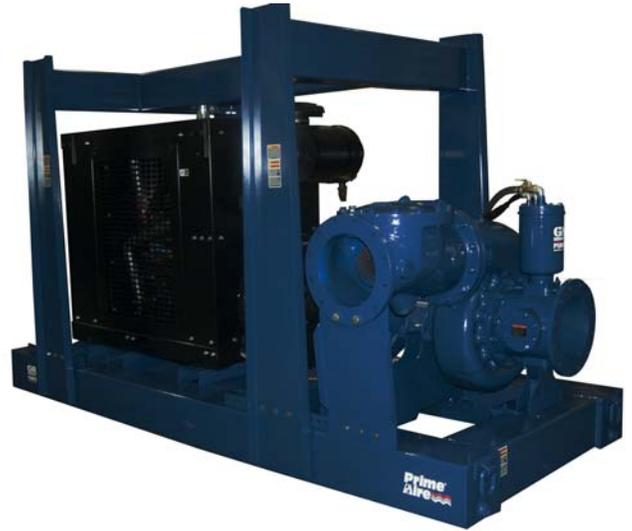
# Priming Assisted Centrifugal Pump w/Autostart

## Model PA14B60-B-6090H

### Size 14" x 14"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
91.0	140	N/8	3000	3000	3000	3000
52.0	120	N/A	4900	6250	6500	6500
43.4	100	3750	5750	6850	7800	8300
34.7	80	3950	5650	7150	8400	9650
26.0	60	4000	5800	7290	8550	9850
17.3	40	4050	5900	7300	8600	9900
8.7	20	4100	5975	7350	8700	9975
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>	<b>5'</b>



### PUMP SPECIFICATIONS

**Size:** 14" x 14" (356 mm x 356 mm) Flanged.

**Casing:** Ductile Iron 65-45-12.

Maximum Operating Pressure 98 psi (676 kPa).\*

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

Handles 3-1/2" (88,9 mm) Diameter Spherical Solids.

**Impeller Shaft:** Alloy Steel 4150.

**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 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/Buna-N Flapper.

**Radial Bearing:** Open Roller.

**Thrust Bearing:** Open Double Ball.

**Bearing Cavity Lubrication:** Lithium EP2 Grease.

**Gaskets:** Vegetable Fiber, Red Rubber and Buna-N.

**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:** Gear Driven Air Compressor. 1.67:1 Gear Reducer. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. [Single Ball Type Float Switch](#). \*\*

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

**Optional Equipment:** Battery. Suction Vacuum and Discharge Pressure Gauge Kit. [Full Feature Control Panel](#) For Use w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).



### ENGINE SPECIFICATIONS

**Model:** John Deere 6090H "Power Tech."

**EPA Tier:** Tier 3.

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

**Displacement:** 548 Cu. In. (9,0 liters).

**Lubrication:** Forced Circulation.

**Air Cleaner:** Dry Type.

**Fuel Tank:** 292 U.S. Gals. (1105 liters).

**Full Load Operating Time:** 16.3 Hrs.

**Starter:** 12V Electric.

**Standard Features:** Muffler w/Weather Cap.

**Optional Features:** Electronic Fuel Level Sensor..

**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 (For Use With Optional Fuel Level Sensor).

### JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Intermittent)  
375 (280 kW) @ 2200 RPM



## GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

**Specification Data**

APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT:**

**11660 LBS. (5289 KG.)**

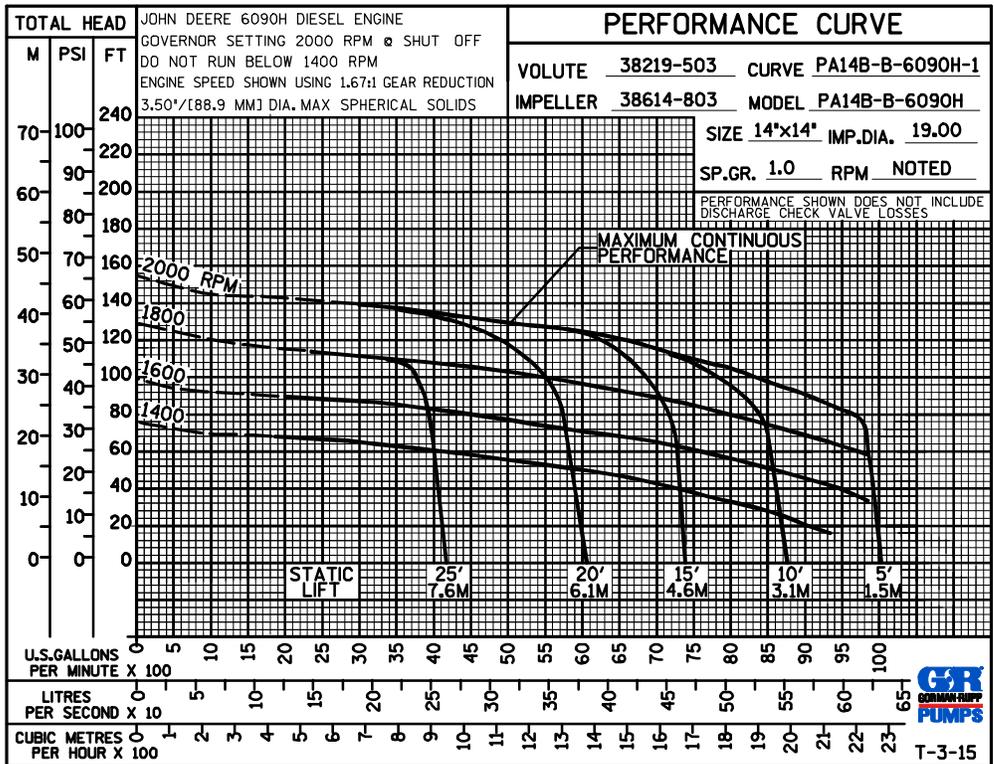
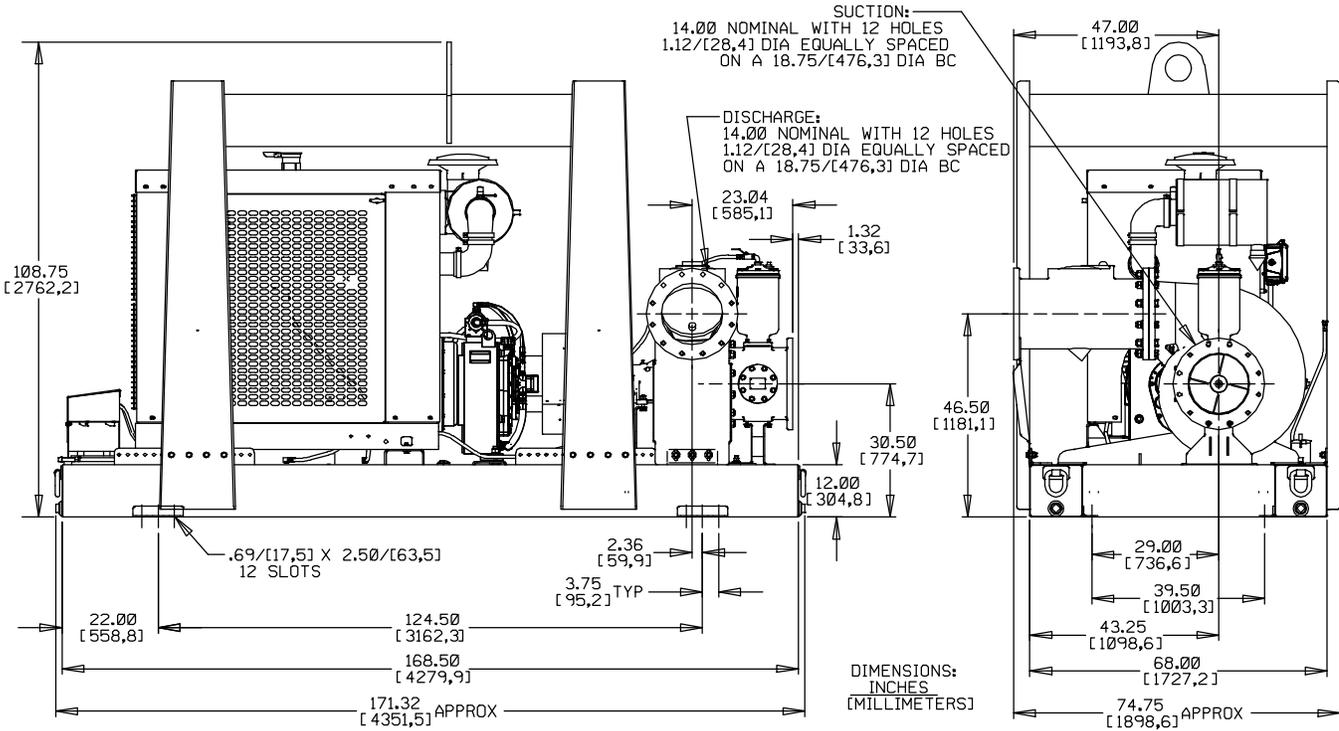
**SHIPPING WEIGHT:**

**12160 LBS. (5516 KG.)**

**EXPORT CRATE SIZE:**

**908 CU. FT. (26 CU. M.)**

**SECTION 42, PAGE 1895**



**GORMAN-RUPP PUMPS**

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.