PAGE 1801 FEBRUARY 2007

ACDEU

Diesel Engine Driven/Sound Attenuated

Priming Assisted Centrifugal Environmental Silent Pump W/Autostart



Model PA12A60—B—6068T—ESP



VARIOUS PATENTS APPLY

Size 12" x 12"

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous				
P.S.I.	Feet	Performance				
45.1	104	1100	1100	1100	1100	1100
43.4	100	2000	2000	2000	2000	2000
39.0	90	2720	3550	3550	3550	3550
34.7	80	3010	4090	4525	4525	4525
30.4	70	3100	4250	5050	5200	5200
26.0	60	3150	4300	5100	5650	5700
22.7	50	3200	4350	5150	5800	6000
17.3	40	3390	4400	5200	5870	6100
13.0	30	3350	4450	5250	5900	6150
8.7	20	3400	4500	5300	5920	6320
Suction Lift		25'	20'	15'	10'	5'



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

Casing: Gray Iron No. 30. Maximum Operating Pressure 71 psi (489 kPa).* Enclosed Type, Three Vane Impeller: Ductile Iron No. 60-40-18. Handles 3" (76,2 mm) Diameter Spherical Solids.

Impeller Shaft: Stainless Steel No. 17-4 PH.

Replaceable Wear Rings: Impeller - Ductile Iron No. 80-60-03. Suction Head - Copper Alloy C93200.

Seal Plate: Gray Iron No. 30.

Bearing Housing: Gray Iron No. 30.

Seal: Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon
Carbide Rotating and Stationary Faces. Stainless Steel No. 316 Stationary Seat. Fluorocarbon (DuPont Viton® or Equivalent) and Buna-N Elastómers. Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).

Shaft Sleeve: Stainless Steel No. 304.

Priming Chamber: Gray Iron No. 30 Housing W/Stainless Steel Float and Linkage.

Discharge Check Valve: 125# Ductile Iron Housing W/Buna-N Flapper. Radial Bearing: Single Row Roller.

Thrust Bearings: (2) Open Single Row Ball.

Bearing and Seal Cavity Lubrication: SAE No. 30 Non-Detergent Oil.

Flanges: Gray Iron No. 30.

Gaskets: Vegetable Fiber, Buna-N, Resistant Synthetic Rubber and Cork. O-Rings: Buna-N and Neoprene.

Hardware: Standard Plated Steel.

Bearing and Seal Cavity Oil Level Sight Gauges.

*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Índicated.

Standard Equipment: Gear-Driven Air Compressor. Soundproof (EPA Average 72 dBA at 23 feet [7 meters] Under Load) Lightweight Aluminum Enclosure - Removable for Maintenance of Pump or Engine - W/Padlockable Door Panels. Spill Containment Base W/Integral Drains and Fork Lift Pockets. Strainer. Single Ball Type Float Switch.

Optional Equipment: Battery. Heated Priming Chamber Kit. Automatic Air Release Valve. Suction Vacuum and Discharge Pressure Gauge Kit. EPS W/Submersible Transducer Liquid Level Sensor.**

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





ENGINE SPECIFICATIONS

Model: John Deere 6068T "Power Tech".

Type: Six Cylinder, Four Cycle, Turbo-Charged, Liquid Cooled Diesel Engine.

Displacement: 414 Cu. In. (6,8 Liters).

Governor: Mechanical.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.
Oil Reservoir: 20 U.S. Qts. (19 Liters) Dry; 19 U.S. Qts. (18 Liters) Refill.

Fuel Tank: 174 U.S. Gals. (659 Liters).

Full Load Operating Time: 23.6 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, Audible Startup Warning Delay. Muffler w/Guard and Weather Cap. Throttle Control.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Continuous BHP 153 (114 kW) @ 2500 RPM



THE GORMAN-RUPP COMPANY ● MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED ● ST. THOMAS, ONTARIO, CANADA

www.arpumps.com

Specifications Subject to Change Without Notice

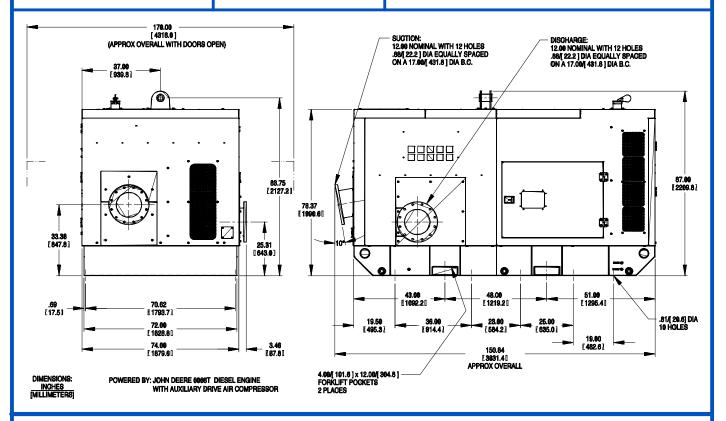
Printed in U.S.A

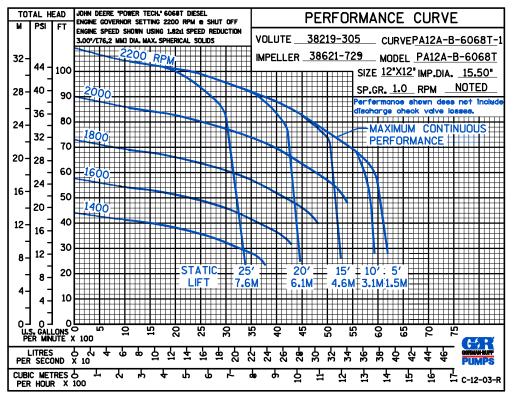
Specification Data

SECTION 42, PAGE 1801

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: SHIPPING WEIGHT: EXPORT CRATE SIZE: 9200 LBS. (4173 KG.) 9350 LBS. (4241 KG.) 720 CU. FT. (20,4 CU. M.)







THE GORMAN-RUPP COMPANY ● MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

Specifications Subject to Change Without Notice

Printed in U.S.A.