

Diesel Engine Driven/Sound Attenuated

**Priming Assisted Centrifugal
Environmental Silent Pump ^w/Autostart**



Model PA12A60-B-6068H-ESP

Size 12" x 12"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
45.1	104	1100	1100	1100	1100	1100
43.4	100	2000	2300	2300	2300	2300
39.0	90	2700	3620	3750	3750	3750
34.7	80	3010	4120	4650	4700	4700
30.4	70	3090	4250	5050	5200	5430
26.0	60	3150	4300	5100	5710	5900
22.7	50	3200	4350	5150	5810	6040
17.3	40	3290	4400	5200	5900	6100
13.0	30	3350	4450	5250	5910	6190
8.7	20	3400	4500	5300	5920	6320
Suction Lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

Size: 12" x 12" (305 mm x 305 mm) Flanged.
Casing: Gray Iron 30. Maximum Operating Pressure 71 psi (490 kPa).
Enclosed Type, Three Vane Impeller: Ductile Iron 60-40-18.
 Handles 3" (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Rings: Impeller - Ductile Iron 80-60-03.
 Suction Head - Copper Alloy C93200.

Seal Plate: Gray Iron 30.
Bearing Housing: Gray Iron 30.
Seal: Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon (DuPont Viton® or Equivalent) and Buna-N Elastomers. Stainless Steel 18-8 Cage and Spring.
 Maximum Temperature of Liquid Pumped 160°F (71°C).*

Shaft Sleeve: Stainless Steel 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: Single Row Roller.
Thrust Bearings: Two Open Single Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Flanges: Gray Iron 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 Indicated.

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. **Full Feature Control Panel** For Use ^w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).

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



ENGINE SPECIFICATIONS

Model: John Deere 6068H285.
EPA Tier: Tier 3.
Type: Six Cylinder, Four Cycle, Charge Air Cooled, Enclosed, Diesel Engine, ^w/Air Compressor.
Displacement: 414 Cu. In. (6,8 Liters).
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Fuel Tank: 174 U.S. Gals. (659 Liters).
Full Load Operating Time: 21.8 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 (129 kW) @ 2400 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:

9200 LBS. (4173 KG.)

SHIPPING WEIGHT:

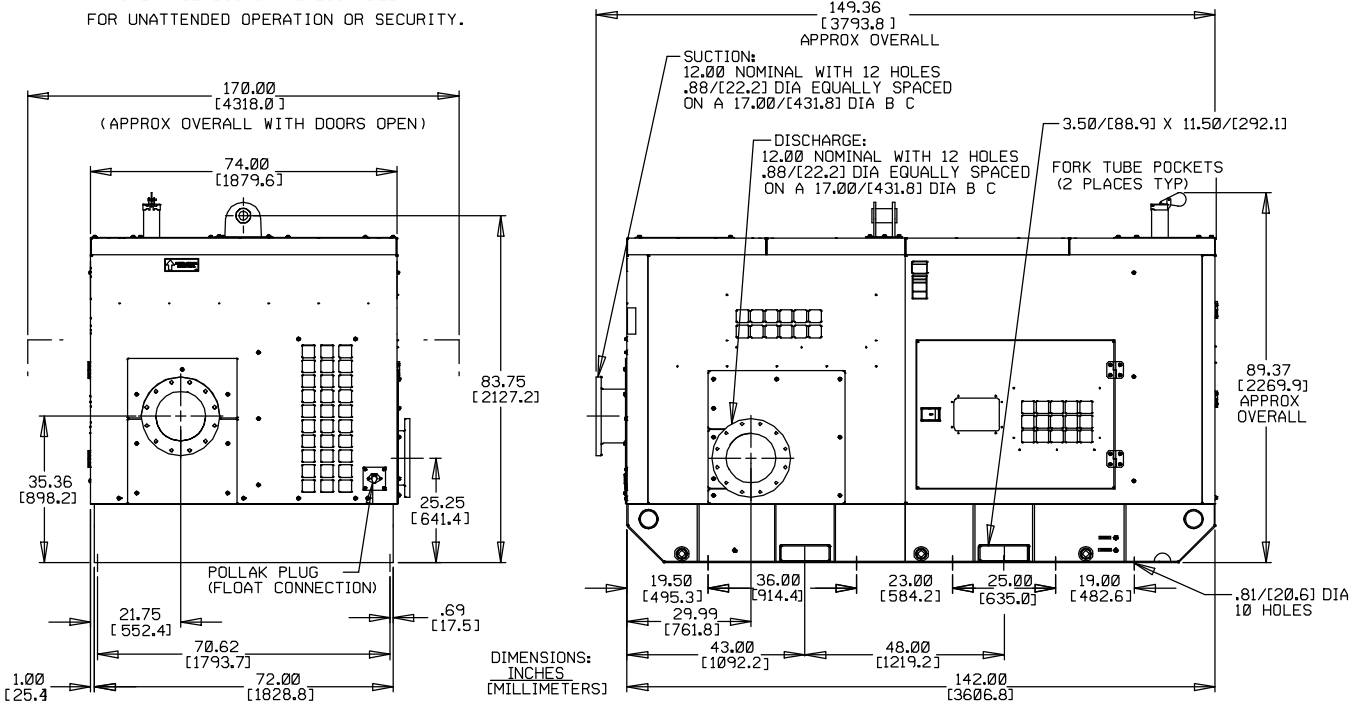
9350 LBS. (4241 KG.)

EXPORT CRATE SIZE:

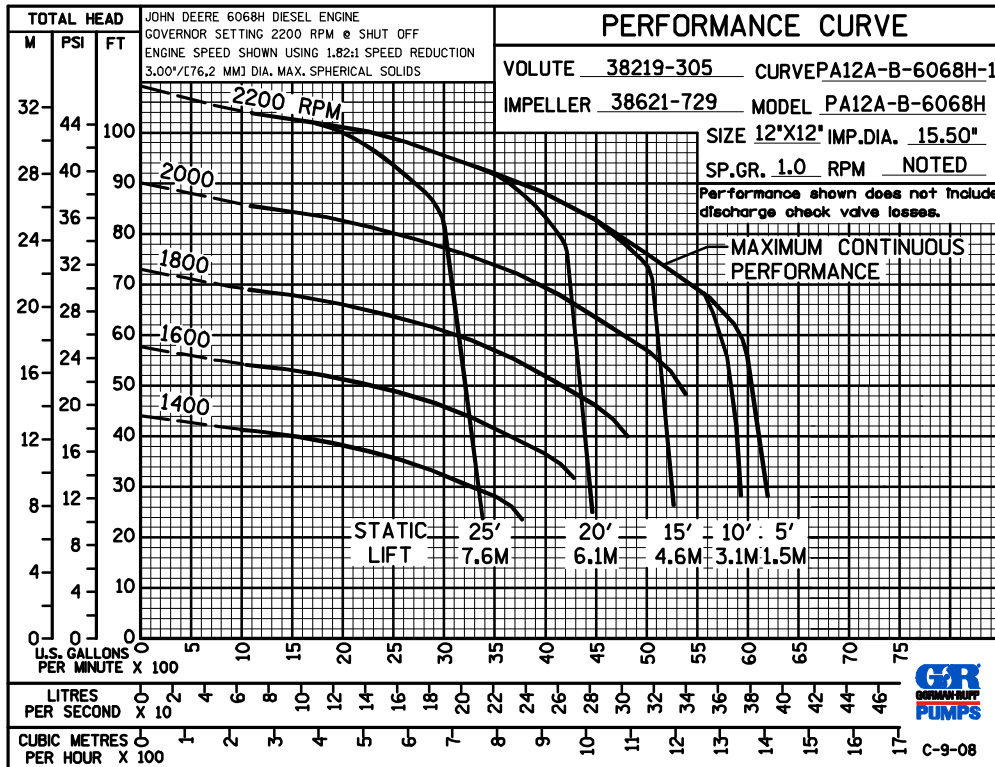
720 CU. FT. (20,4 CU. M.)

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NOTE: ALL DOORS ARE LOCKABLE FOR UNATTENDED OPERATION OR SECURITY.



POWERED BY : JOHN DEERE 6068H DIESEL ENGINE WITH AUXILIARY DRIVE AIR COM RESSOR



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