

ACDEU

Priming Assisted Centrifugal Environmental Silent Pump w/Autostart



VARIOUS PATENTS APPLY

Model PA6C60-4045T-ESP

Size 6" x 6"



| Total Head | | Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance | | | | |
|---------------------|------|---|------------|------------|------------|-----------|
| P.S.I. | Feet | | | | | |
| 63.3 | 146 | 200 | 200 | 200 | 200 | 200 |
| 60.7 | 140 | 400 | 400 | 400 | 400 | 400 |
| 52.0 | 120 | 820 | 1000 | 1000 | 1000 | 1000 |
| 43.4 | 100 | 960 | 1380 | 1420 | 1420 | 1420 |
| 34.7 | 80 | 1040 | 1500 | 1770 | 1770 | 1760 |
| 26.0 | 60 | 1100 | 1510 | 1815 | 2050 | 2040 |
| 17.4 | 40 | 1140 | 1505 | 1820 | 2120 | 2240 |
| 8.7 | 20 | 1200 | 1550 | 1820 | 2150 | 2360 |
| Suction Lift | | 25' | 20' | 15' | 10' | 5' |



PUMP SPECIFICATIONS

Size: 6" x 6" (152 mm x 152 mm) NPT Male.
Casing: Ductile Iron 65-45-12.
 Maximum Operating Pressure 99 psi (683 kPa).*
Semi-Open, Two Vane Impeller: Ductile Iron 65-45-12.
 Handles 3" (76,2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Plate: Ductile Iron 80-60-03.
Bearing Housing: Gray Iron 30.
Seal Plate: Gray Iron 30.
Seal: Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 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 17-4 PH.
Priming Chamber: Gray Iron 30 Housing w/Stainless Steel Float and Linkage.
Discharge Check Valve: Ductile Iron Housing w/Buna-N Flapper.
Radial and Thrust Bearings: Open Double Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
O-Rings: Buna-N.
Gaskets: Resistant Synthetic Rubber, Cork, PTFE, Vegetable Fiber, and Compressed Synthetic Fibers.
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: Soundproof (EPA Average 73 dBA at 23 feet [7 meters] Under Load per CPB Standards) Lightweight Aluminum Enclosure - Removable for Maintenance of Pump or Engine - w/Padlockable Door Panels. Spill Containment Base w/Integral Drains and Fork Lift Pockets. Gear-Driven Air Compressor. Strainer. Single Ball Type Float Switch.**
Optional Equipment: Battery. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/w/o DOT-Approved Lights and Electric Brakes. Over-the-Road Trailer (Meets DOT Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables/Chains. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15M] Cable Standard, Alternate Lengths Available).
***50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*

WARNING!
 Do not use in explosive atmosphere or for pumping volatile flammable liquids.

ENGINE SPECIFICATIONS

Model: John Deere 4045T.
Type: Four Cylinder, Four Cycle, Turbocharged, Liquid Cooled Diesel Engine.
Displacement: 275 Cu. In. (4,5 liters).
Governor: Electronic Isochronous.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Oil Reservoir: 17.5 U.S. Qts. (16,6 liters) Dry; 15.5 U.S. Qts. (14,7 liters) Refill.
Fuel Tank: 88 U.S. Gals. (330 liters).
Full Load Operating Time: 21.7 Hrs.
Starter: 12V Electric.
Standard Features: Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches/Indicators. 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 Gross Continuous BHP (Industrial Heavy Duty) 85 (63 kW) @ 2200 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

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Specifications Subject to Change Without Notice

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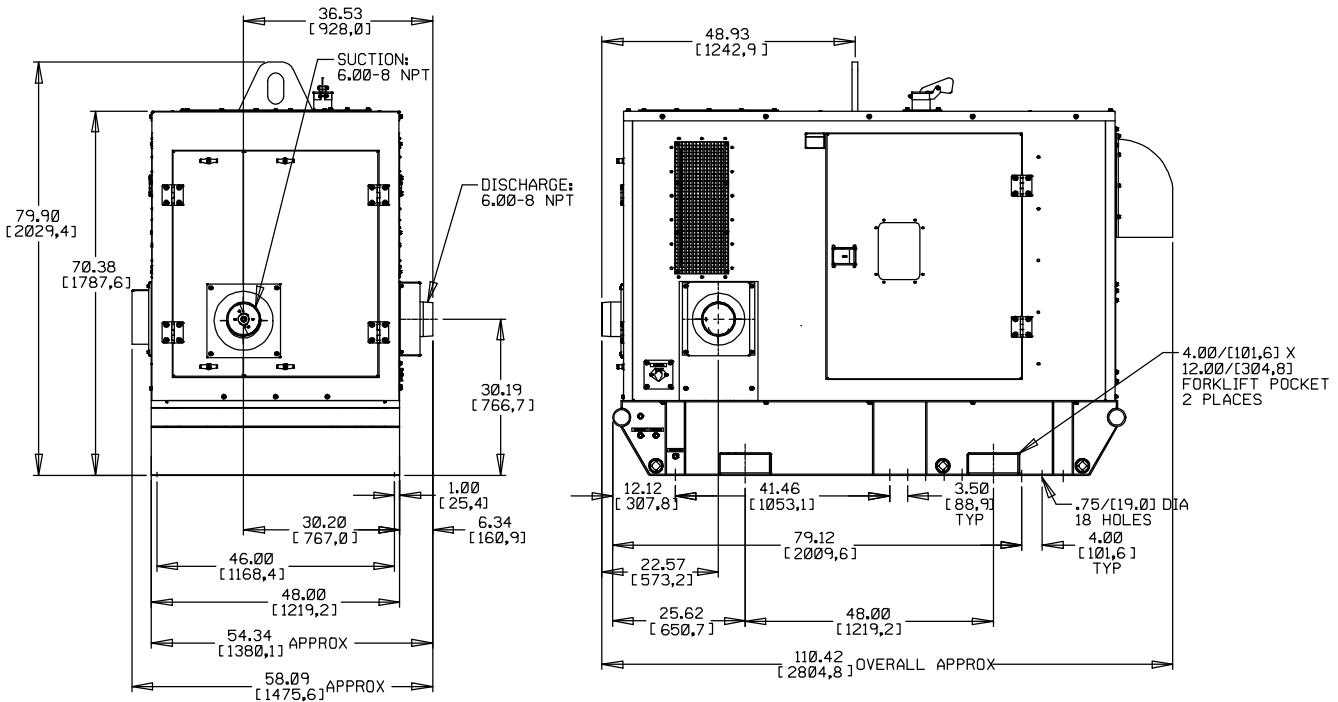
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

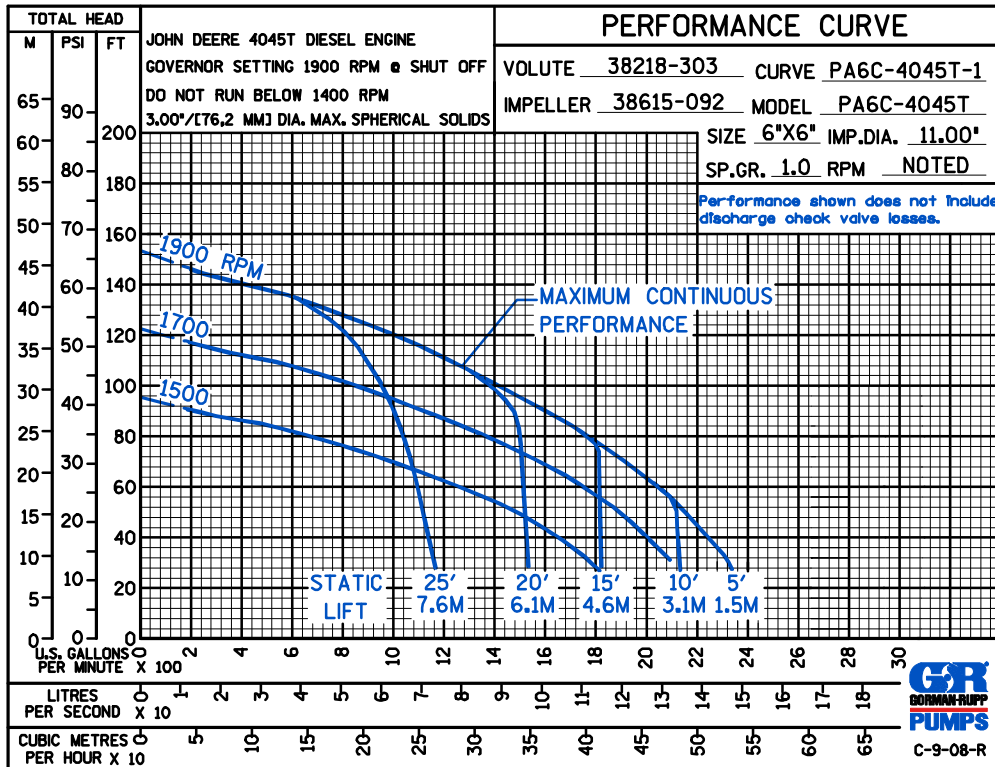
SKID BASE
NET WEIGHT: 4430 LBS. (2009 KG.)
SHIPPING WEIGHT: 4660 LBS. (2114 KG.)
EXPORT CRATE SIZE: 320 CU. FT. (9,1 CU. M.)

HIGHWAY TRAILER
6105 LBS. (2769 KG.)
6105 LBS. (2769 KG.)



POWERED BY A JOHN DEERE 4045T DIESEL ENGINE

DIMENSIONS:
 INCHES
 (MILLIMETERS)



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