

A C D E U

Sound Attenuated Environmental Silent Pump Priming Assisted Centrifugal Pump



Diesel Engine Driven
Model PA6C60-4045D-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	1770
26.0	60	1100	1510	1815	2050	2050
17.4	40	1140	1505	1820	2120	2250
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 No. 65-45-12. Maximum Operating Pressure 100 psi (690 kPa).*

Open Type, Two Vane Impeller: Ductile Iron No. 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.

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

Replaceable Wear Plate: Ductile Iron No. 80-60-03.

Removeable Cleanout Cover Plate: Carbon Steel Plate.

Intermediate: Gray Iron No. 30.

Seal Plate: 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 Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*

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

Priming Chamber: Gray Iron No. 30.

Discharge Check Valve: Gray Iron No. 30 and Buna-N.

Radial and Thrust Bearings: Open Double Ball.

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

Flanges: Gray Iron No. 30.

Gaskets: Resistant Synthetic Rubber, Cork, PTFE, Vegetable Fiber, and Compressed Synthetic Fibers.

Hardware: Standard Plated Steel.

Bearing and Seal Cavity Oil Level Sight Gauges.

Standard Equipment: Soundproof (EPA Average 67 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. Gear-Driven Air Compressor. Strainer. Single Level Actuated (Microswitch) Type Liquid Level Control System with 50 Ft. (15,2 M) of Cable (Double Float System and Alternate Cable Lengths Available; Consult the Factory).

Optional Equipment: Battery. Suction Vacuum and Discharge Pressure Gauge Kit. Over-the-Road Trailer (Meets D.O.T. Requirements) ^w/Electric Brakes (Hydraulic Surge Brakes Optional), Running Lights, Two Trailer Jack Stands and Safety Chains. Submersible Transducer and Electronic Pressure Switch (EPS) Control ^w/Start/Stop Setpoint Adjustments.

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



ENGINE SPECIFICATIONS

Model: John Deere 4045D "Power Tech."

Type: Four Cylinder, Four Cycle, Liquid Cooled Diesel Engine.

Displacement: 276 Cu. In. (4,5 liter).

Governor: Mechanical.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Oil Reservoir: 9 U.S. Qts. (8,5 liter) Dry;
8 U.S. Qts. (7,5 liter) Refill.

Fuel Tank: 84 U.S. Gal. (318 liter).

Full Load Operating Time: 28 Hrs.

Starter: 12V Electric.

Standard Features: Electronic Autostart Control Panel ^w/LCD Backlit Display, Low Oil Pressure, High Coolant Temperature and Engine Over-Crank Safety Shut Down Switches/Indicators, Tachometer, Hourmeter, Voltmeter, Coolant Temperature Gauge, Oil Pressure Gauge, On/Off Key Switch, Throttle Control. Exhaust Silencer ^w/Blanket and Weather Cap.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Continuous BHP 72 (54kW) @ 2500 RPM
Maximum Dynamic BHP 80 (60 kW) @ 2500 RPM



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Specifications Subject to Change Without Notice

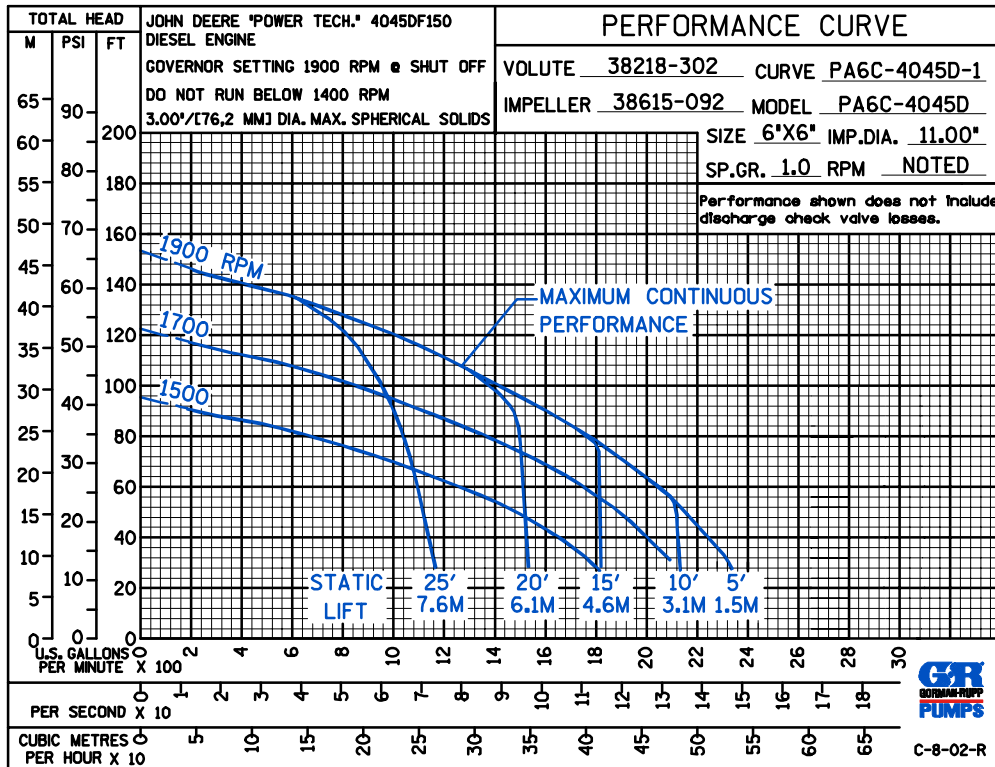
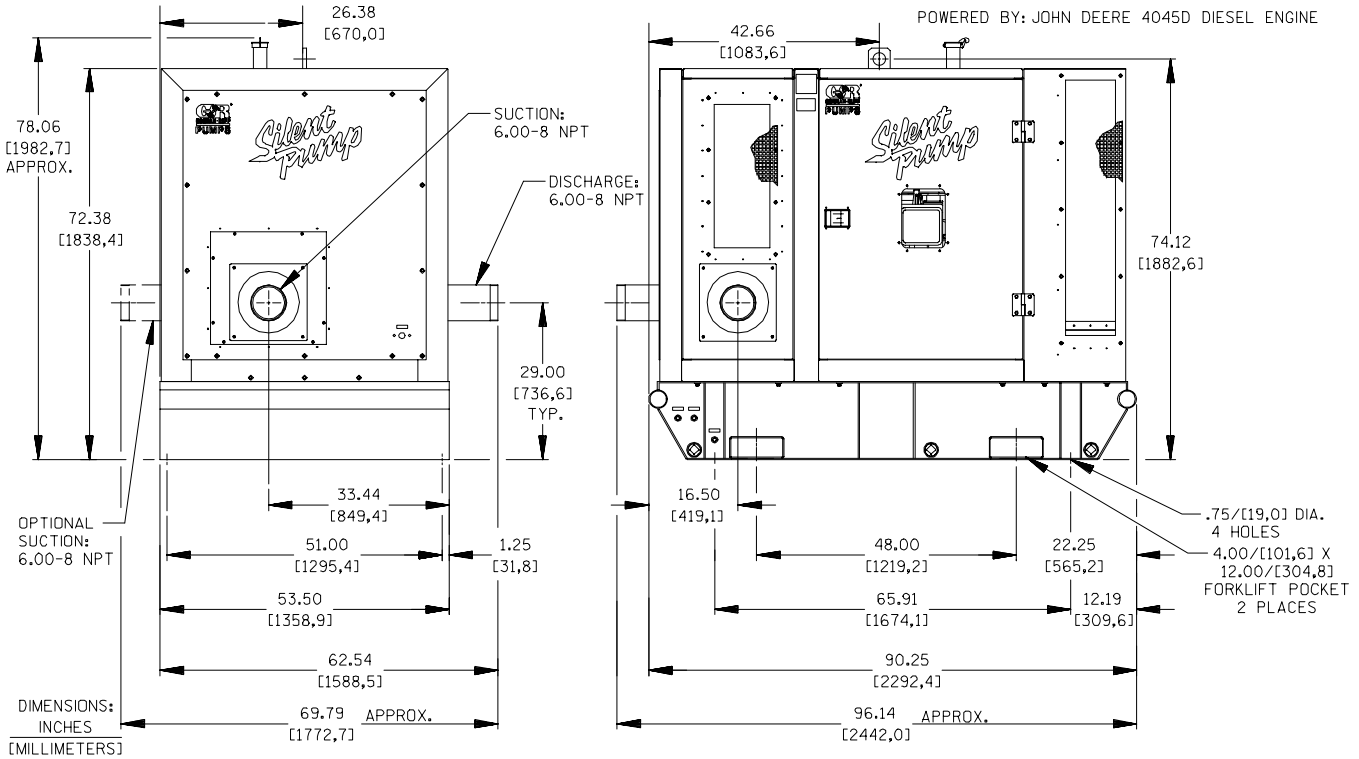
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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

	SKID BASE	HIGHWAY TRAILER
NET WEIGHT:	4430 LBS. (2009 KG.)	6105 LBS. (2769 KG.)
SHIPPING WEIGHT:	4660 LBS. (2114 KG.)	6105 LBS. (2769 KG.)
EXPORT CRATE SIZE:	397 CU. FT. (11.2 CU. M.)	1020 CU. FT. (28,9 CU. M.)



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