

ACDEU



Priming Assisted Centrifugal Pump w/Autostart Model PA4A60C-F3L Size 4" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
52.9	122	185	185	185	185
52.0	120	220	220	220	220
47.7	110	395	475	475	475
43.4	100	395	565	670	715
39.0	90	420	575	690	805
34.7	80	425	575	705	820
30.3	70	430	580	710	830
26.0	60	435	585	715	835
Suction Lift		25'	20'	15'	10'

PUMP SPECIFICATIONS

Size: 4" x 4" (102 mm x 102 mm) Flanged.

Casing: Gray Iron 30.

Maximum Operating Pressure 87 psi (601 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3" (76,2 mm) Diameter Spherical Solids.

Suction Spool: Gray Iron 30.

Impeller Shaft: Stainless Steel 17-4 PH.

Replaceable Wear Plate: Steel 1018.

Intermediate Bracket: Gray Iron 30.

Seal Plate: Gray Iron 30.

Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. 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: Alloy Steel 4130.

Priming Chamber: Gray Iron 30.

Discharge Check Valve: Ductile Iron Housing w/Buna-N Flapper.

Radial Bearing: Open Single Ball.

Thrust Bearing: Open Double Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Vegetable Fiber.

O-Rings: Buna-N.

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: Belt-Driven Air Compressor. 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. NPT Threaded Flange Kit. Heated Priming Chamber Kit. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. Single Axle Over-the-Road Trailer (Meets DOT Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Chains/Cables. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).

**ENGINE SPECIFICATIONS**

Model: Deutz D914L3.

Type: Three Cylinder, Four Cycle, Air Cooled Diesel Engine.

Displacement: 197.4 Cu. In. (3,24 Liters).

Governor: Mechanical.

Lubrication: Forced Circulation.

Air Cleaner: Oil Bath.

Oil Reservoir: 11.6 U.S. Qts (11 Liters) Dry
9.5 U.S. Qts (9 Liters) Refill.

Fuel Tank: 61 U.S. Gallons (231 Liters).

Full Load Operating Time: 34.3 Hours.

Starter: 12 Volt Electric.

Standard Features: High Oil Temperature, Low Oil Pressure, V-Belt, Alternator and Start Failure Safety Shut Down Switches/Indicators. Fuel Level Gauge. Throttle Control. Instrument Panel with: Temperature Gauge, Oil Pressure Gauge, Ammeter, Hourmeter, Tachometer, Manual/Stop Key Switch, 15 Amp Fuse. Muffler w/Guard and Weather Cap.

DEUTZ PUBLISHED PERFORMANCE:

Maximum Gross Continuous B.H.P.
54.9 (41 kW) @ 2300 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

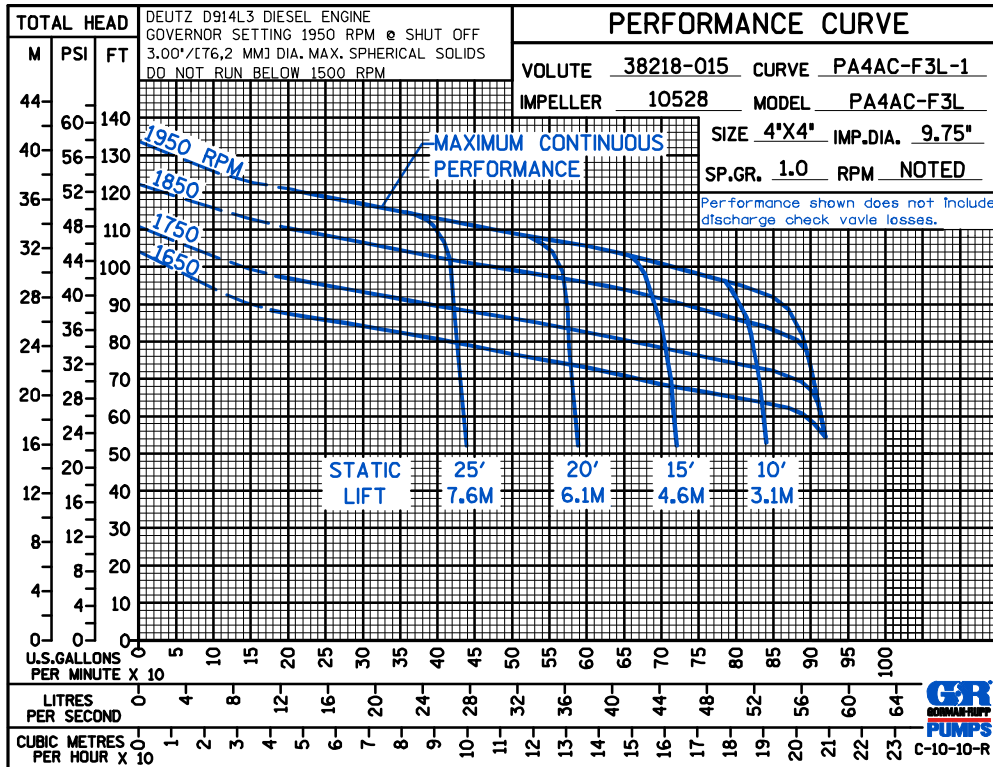
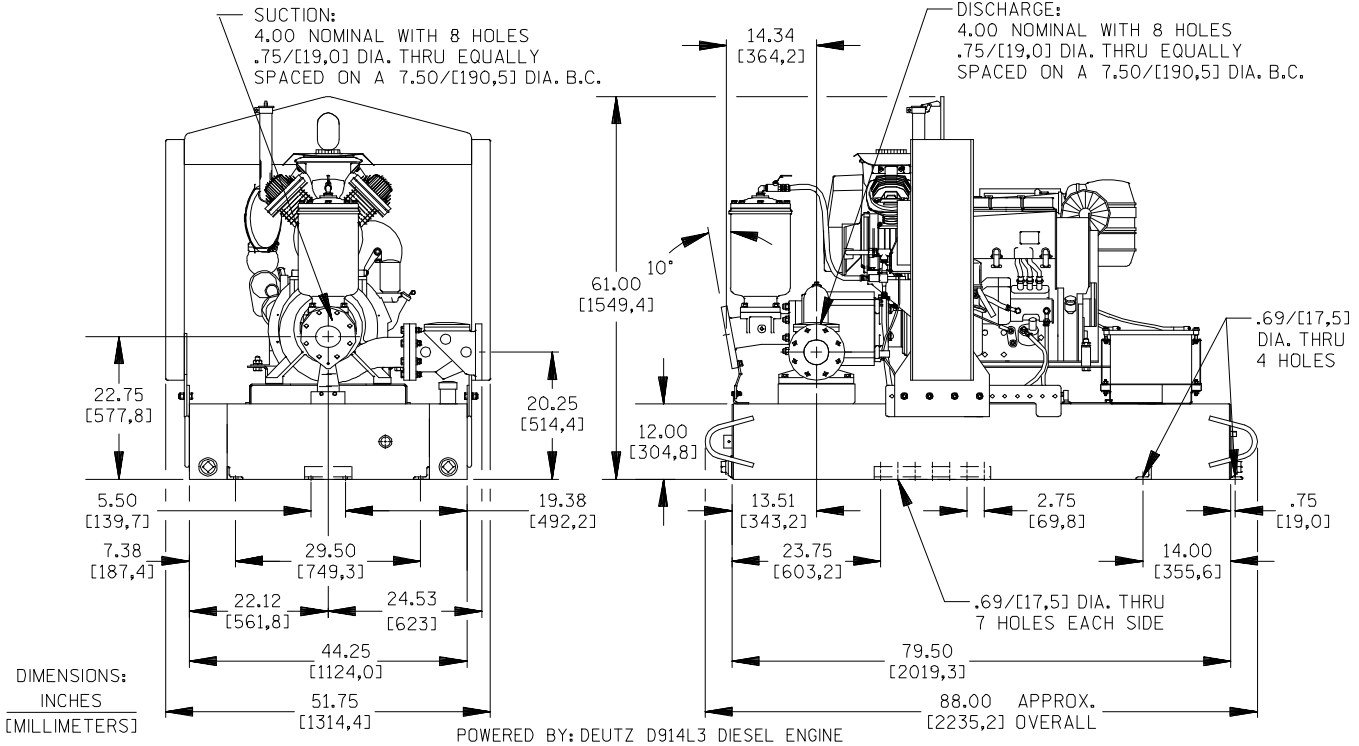
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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

SKID BASE
2360 LBS. (1070 KG.)
2510 LBS. (1138 KG.)
193 CU. FT. (5,5 CU. M.)

2-WHEEL
2855 LBS. (1295 KG.)
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