

ACDEU



Diesel Engine Driven 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 No. 30. Maximum Operating Pressure 87 psi (601 kPa).
Open Type, Two Vane Impeller: Ductile Iron No. 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel No. 4140.
Replaceable Wear Plate: Steel No. 1018.
Intermediate Bracket: 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 Housing w/Buna-N Flapper.
Radial Bearing: Open Single Ball.
Thrust Bearing: 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.
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. High Speed (55 MPH/89 KM/H) Wheel Kit with ST205/75R14 Pneumatic Tires. Over-the-Road Trailer (Meets D.O.T. and Transport Canada Requirements) Available w/ Either Electric or Hydraulic Surge Brakes, Running Lights, Two Trailer Jack Stands and Safety Chains. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).



SHOWN WITH OPTIONAL WHEEL KIT

WARNING!

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

ENGINE SPECIFICATIONS

Model: Deutz F3L.
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: 10 U.S. Qts (9,6 Liters) Dry
 9.5 U.S. Qts (9,0 Liters) Refill.
Fuel Tank: 61 U.S. Gallons (231 Liters).
Full Load Operating Time: 33.7 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. Autostart Instrument Panel with: Temperature Gauge, Oil Pressure Gauge, Ammeter, Hourmeter, Tachometer, Manual/Stop/Auto Key Switch, 15 Amp Fuse, Audible Startup Warning Delay, Muffler w/Guard and Weather Cap.
DEUTZ PUBLISHED PERFORMANCE:
 Maximum Continuous B.H.P. 50.3 (37 kW) @ 2300 RPM
 Maximum Dynamic B.H.P. 55.8 (41 kW) @ 2300 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

www.gormanrupp.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

SECTION 42, PAGE 310

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:

SHIPPING WEIGHT:

EXPORT CRATE SIZE:

SKID BASE

2360 LBS. (1070 KG.)

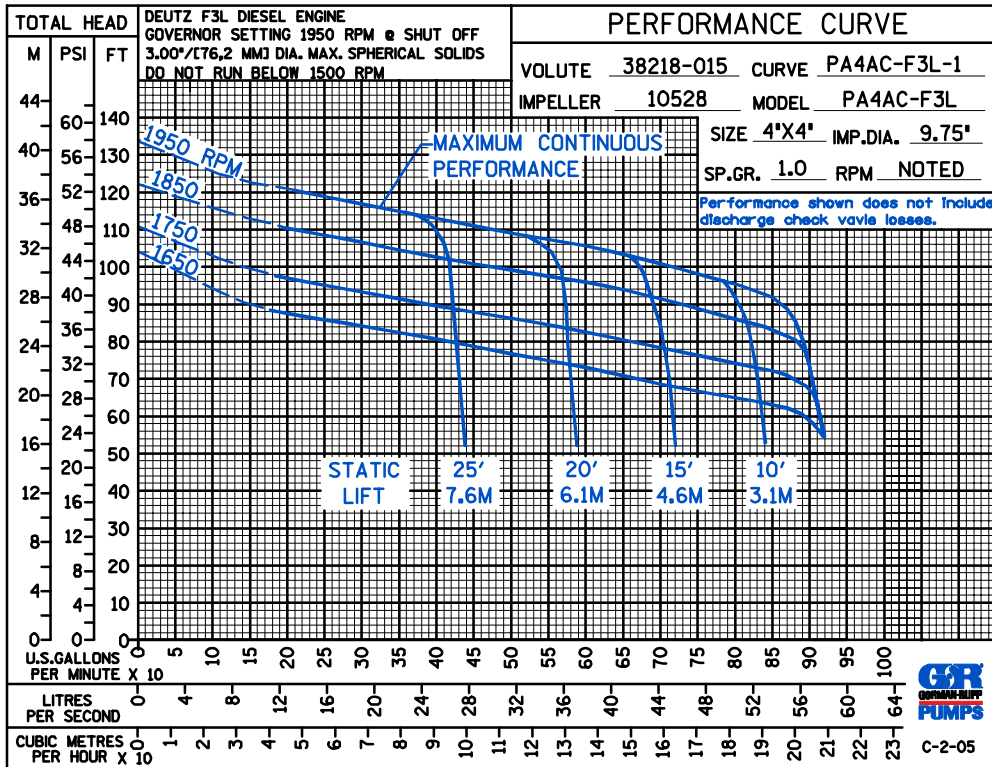
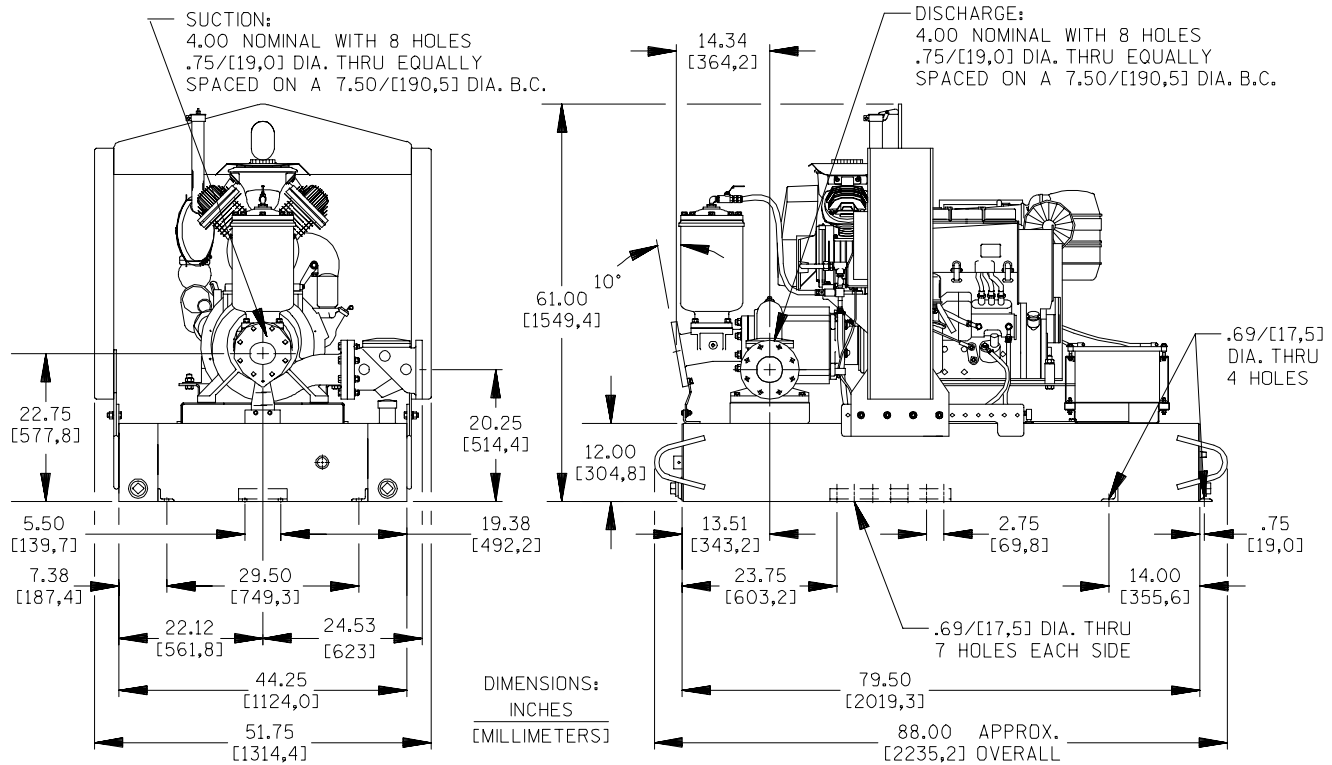
2510 LBS. (1138 KG.)

193 CU. FT. (5,5 CU. M.)

2-WHEEL

2855 LBS. (1295 KG.)

2855 LBS. (1295 KG.)



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.