

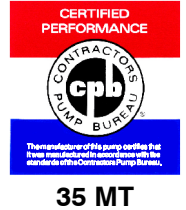
ACDEU

Self Priming Centrifugal Pump

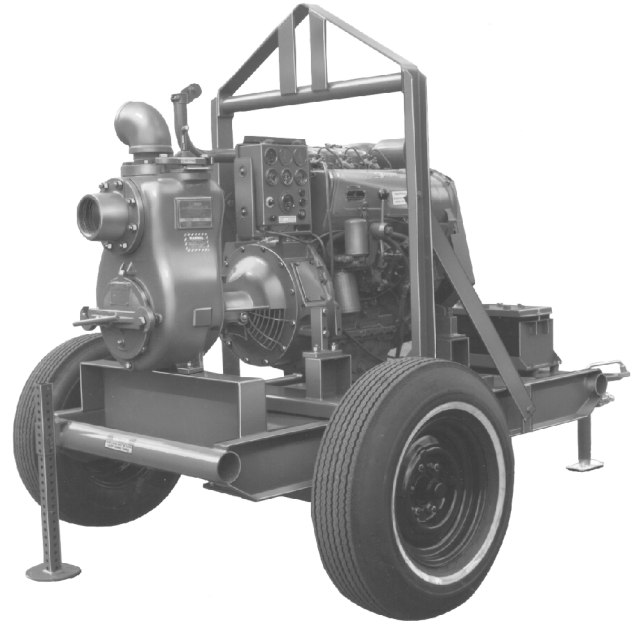
Diesel Engine Driven

Models 14C2-F3L and 14C20-F3L

Size 4" x 4"



Total Head		Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance				
P.S.I.	Feet					
48.5	112	110	110	110	110	110
43.4	100	280	320	320	320	320
34.7	80	315	442	530	600	660
26.0	60	318	448	540	622	713
17.3	40	322	453	545	628	722
Suction Lift		25'	20'	15'	10'	5'



Shown with Optional Wheel Kit

WARNING!

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

PUMP SPECIFICATIONS

- Size:** 4" x 4" (102 mm x 102 mm) N.P.T. Female.
- Pump Casing:** Gray Iron No. 30. Maximum Operating Pressure 79 psi (545 kPa).*
- Open Type, Two Vanes Impeller:** Ductile Iron No. 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.
- Impeller Shaft:** Carbon Steel Grade 1045/1046.
- Replaceable Wear Plate:** Carbon Steel Grade C-1045.
- Removable Cover Plate:** Gray Iron No. 30. 22 lbs. (10.0 kg.).
- Intermediate Bracket:** Gray Iron No. 30.
- Seal Plate:** Gray Iron No. 30.
- Seal (Model 14C2-F3L Only):** Double Grease-Lubricated with Spring Loaded Grease Cup. Sintered Bronze Stationary Seal Seats. Steel Rotating Faces. Neoprene Packing Rings. Maximum Temperature of Liquid Pumped, 110°F (43°C).* Maximum Suction Pressure 10 psi (69 kPa).
- Seal (Model 14C20-F3L Only):** Mechanical Oil-Lubricated Floating Self-Aligning. Tungsten Titanium Carbide Rotating And Stationary Faces. Stainless Steel Type 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel Type 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped is 160°F (71°C)*.
- Seal Liner (Model 14C2-F3L Only):** Copper Alloy C-26000.
- Shaft Sleeve (Model 14C20-F3L Only):** Stainless Steel Type 304.
- Flap Valve:** Neoprene with Steel Reinforcing.
- Radial/Thrust Bearings:** Open, Single Ball Type.
- Bearing Lubrication:** Oil.
- Flanges:** Gray Iron No. 30.
- Gaskets:** Buna-N, Compressed Synthetic Fiber, Rubber and Vegetable Fiber.
- Hardware:** Standard Plated Steel.
- Hoisting Bail.**
- Skid Base.**
- 90° Discharge Elbow.**
- Strainer.**
- Oil Level Sight Gauge.**
- Optional Equipment:** Battery. Two Wheel Truck Assembly with P235/75R15 Pneumatic Tires. Over-the-Road Trailer (Meets D.O.T. and transport Canada Requirements).

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

ENGINE SPECIFICATIONS

- Model:** Deutz F3L913.
- Type:** Three Cylinder, Four Cycle, Air Cooled Diesel Engine.
- Displacement:** 173 Cu. In. (2.8 Liters).
- Governor:** Mechanical.
- Lubrication:** Forced Circulation.
- Air Cleaner:** Oil Bath.
- Oil Reservoir:** 9.5 U.S. Qts (9.0 Liters) Dry
8.5 U.S. Qts (8.0 Liters) Refill.
- Fuel Tank:** 38.9 U.S. Gallons (147.2 Liters).
- Full Load Operating Time:** 28.4 Hours.
- Starter:** 12 Volt Electric.
- Standard Features:** Safety Shut Down Switches for: Low Oil Pressure and V-Belt Failure. Instrument Panel with: Temperature and Oil Pressure Gauges, Ammeter, Hourmeter, Tachometer and Alternator Failure Light. Muffler with Guard. Weather Cap.

DEUTZ PUBLISHED PERFORMANCE:
Maximum Continuous B.H.P. 47 @ 2300 RPM
Maximum Dynamic B.H.P. 55 @ 2800 RPM



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Specification Data

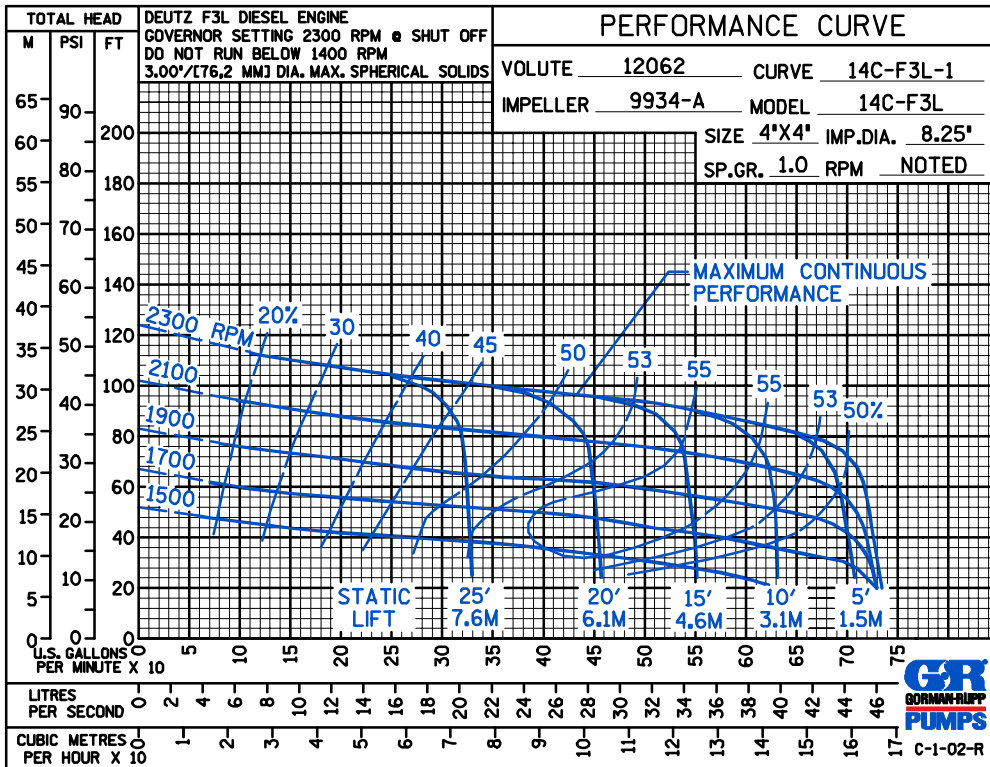
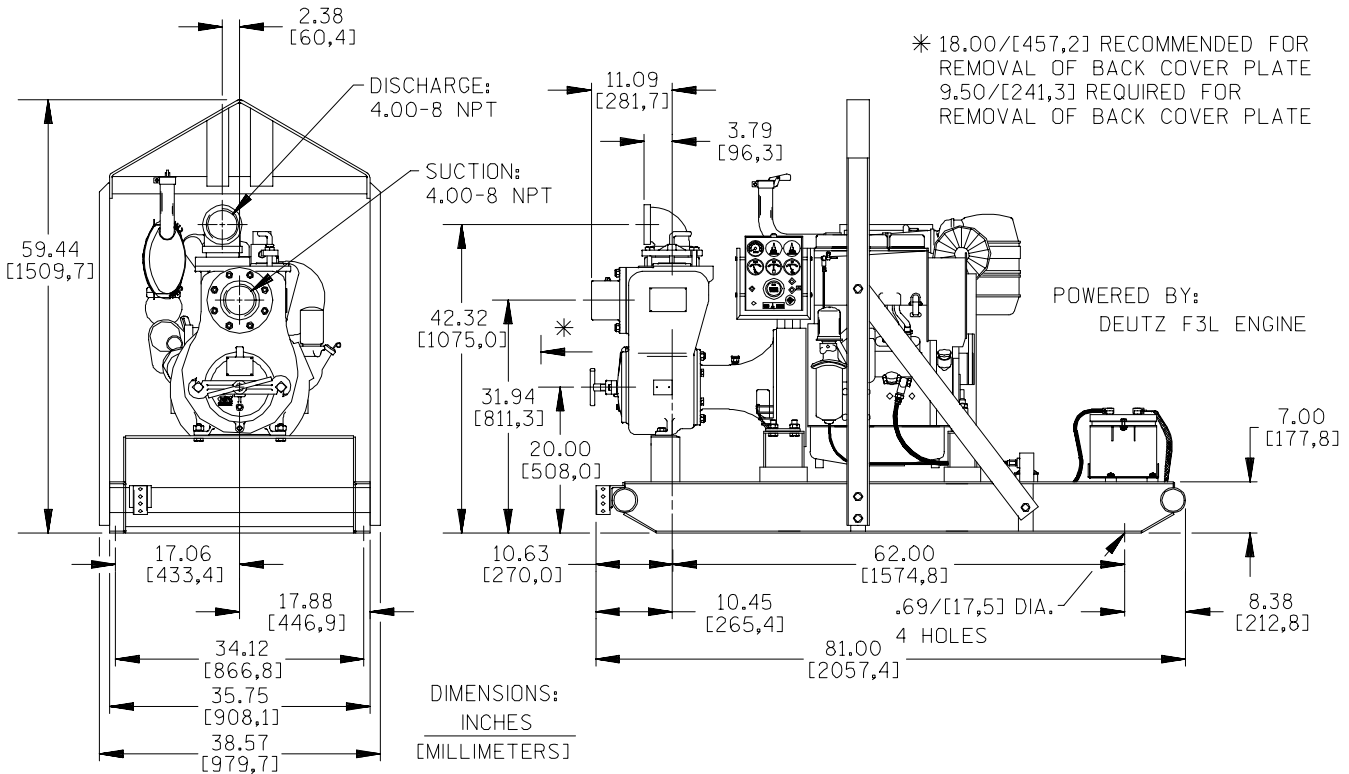
APPROXIMATE DIMENSIONS and WEIGHTS

SKID BASE

2-WHEEL

NET WEIGHT: 1740 LBS. [789 KG.] 1970 LBS. [894 KG.]
SHIPPING WEIGHTS: 1840 LBS. [834 KG.] 1970 LBS. [894 KG.]
EXPORT CRATE: 139 CU. FT. [3.9 CU. M.] 157 CU. FT. [4.4 CU. M.]

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