

ACDEU

Self Priming Centrifugal Pump



Diesel Engine Driven Model 14C2-F3L 1011

Size 4" x 4"



35 MT

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'

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 Vane Impeller: Ductile Iron No. 65-45-12.

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: 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 Liner: Copper Alloy C26000.

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.

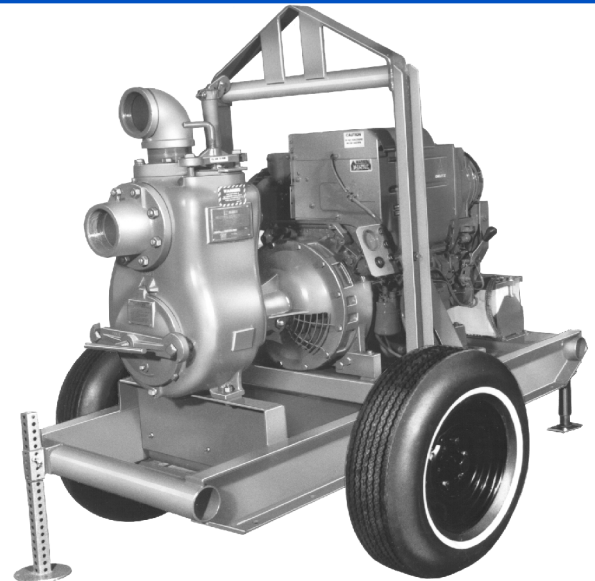
Strainer.

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.*



Shown with Optional Wheel Kit



ENGINE SPECIFICATIONS

Model: Deutz F3L 1011.

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

Displacement: 125 Cu. In. (2.1 Liters).

Governor: Mechanical.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Oil Reservoir: 8.5 U.S. Qts (8.0 Liters) Dry.

6.3 U.S. Qts (6.0 Liters) Refill.

Fuel Tank: 20.0 U.S. Gallons (76 Liters).

Full Load Operating Time: 14 Hours.

Starter: 12 Volt Electric.

Standard Features: Instrument Panel with: Keyswitch, Oil Pressure, High Temperature and Alternator Charge Lights. Muffler with Guard. Weather Cap.

DEUTZ PUBLISHED PERFORMANCE:
Maximum Continuous B.H.P. 35 @ 2300 RPM



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Specifications Subject to Change Without Notice

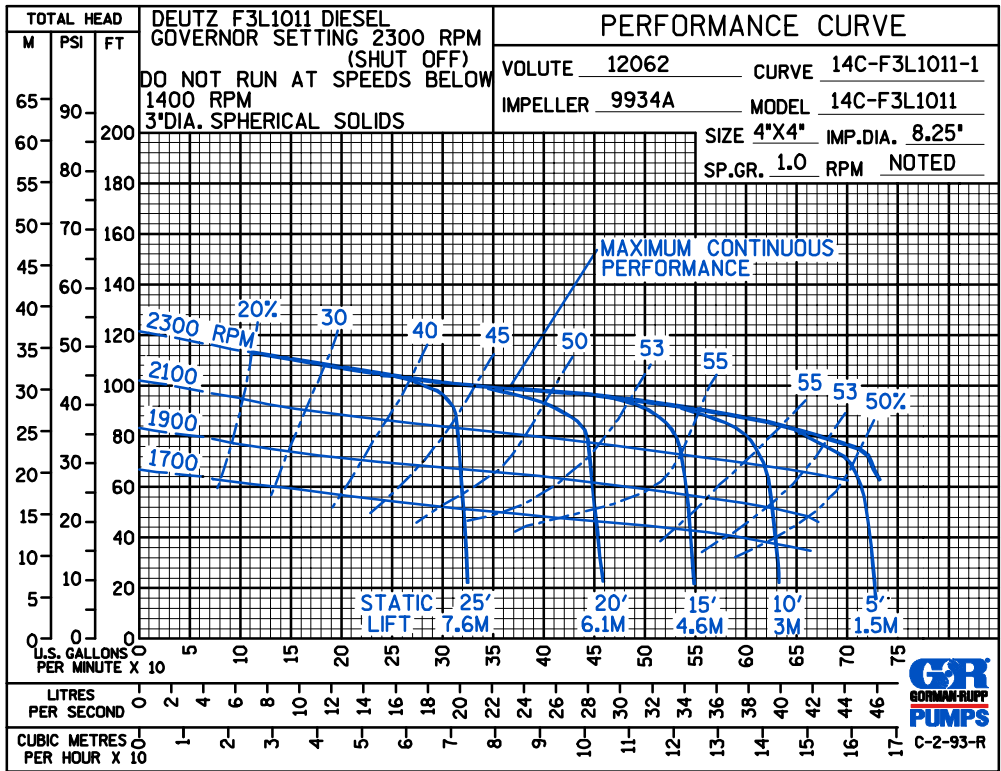
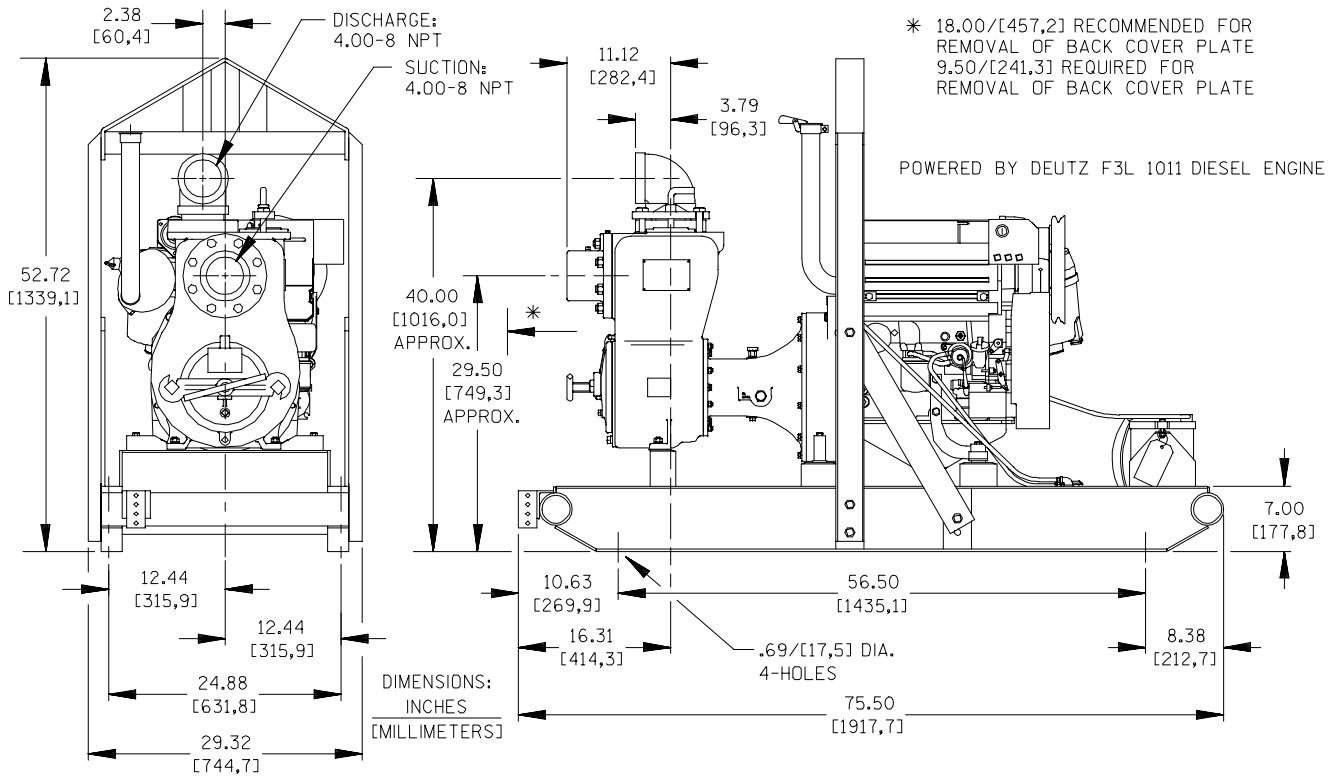
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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

	SKID BASE	2-WHEEL
NET WEIGHT:	1408 LBS. [638,6 KG.]	1660 LBS. [753,0 KG.]
SHIPPING WEIGHTS:	1510 LBS. [685 KG.]	1660 LBS. [753,0 KG.]
EXPORT CRATE:	81.8 CU. FT. [2.3 CU. M.]	



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