



Self Priming Centrifugal Pump

Model 86A2-F3L

Size 6" x 6"



90M



Total Head		Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance			
P.S.I.	Feet				
52.0	120	240	240	240	240
43.4	100	790	905	905	905
34.7	80	870	1130	1220	1220
26.0	60	880	1175	1390	1450
17.3	40	890	1190	1425	1610
8.7	20	900	1200	1450	1650
Suction Lift		25'	20'	15'	10'



PUMP SPECIFICATIONS

Size: 6" x 6" (152 mm x 152 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 86 psi (593 kPa).*

Semi-Open Three Vane Impeller: Gray Iron 30.

Handles 1 15/16" (49,3 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel 4150.

Replaceable Wear Plate: Gray Iron 30.

Intermediate: Gray Iron 30.

Seal Plate: Gray Iron 30.

Seal: Double, Grease-Lubricated w/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: Buna-N w/Nylon Reinforcement and Steel.

Radiating and Thrust Bearings: Tapered Roller Type.

Bearing Lubrication: Grease.

Flanges: Gray Iron 30.

Gaskets: Vegetable Fiber.

Hardware: Standard Plated Steel.

Standard Equipment: Hoisting Bail. Skid Base. 90° Discharge Elbow. Strainer.

Optional Equipment: Battery. Single Axle Pneumatic-Tired Wheel Kit. [Tandem Axle Over-the-Road Trailer](#).

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



ENGINE SPECIFICATIONS

Model: Deutz D914L3.

EPA Tier: Interim Tier 4.

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

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

Lubrication: Forced Circulation.

Air Cleaner: Oil Bath.

Fuel Tank: 38.9 U.S. Gallons (147.2 Liters).

Full Load Operating Time: 21.7 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. 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



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Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

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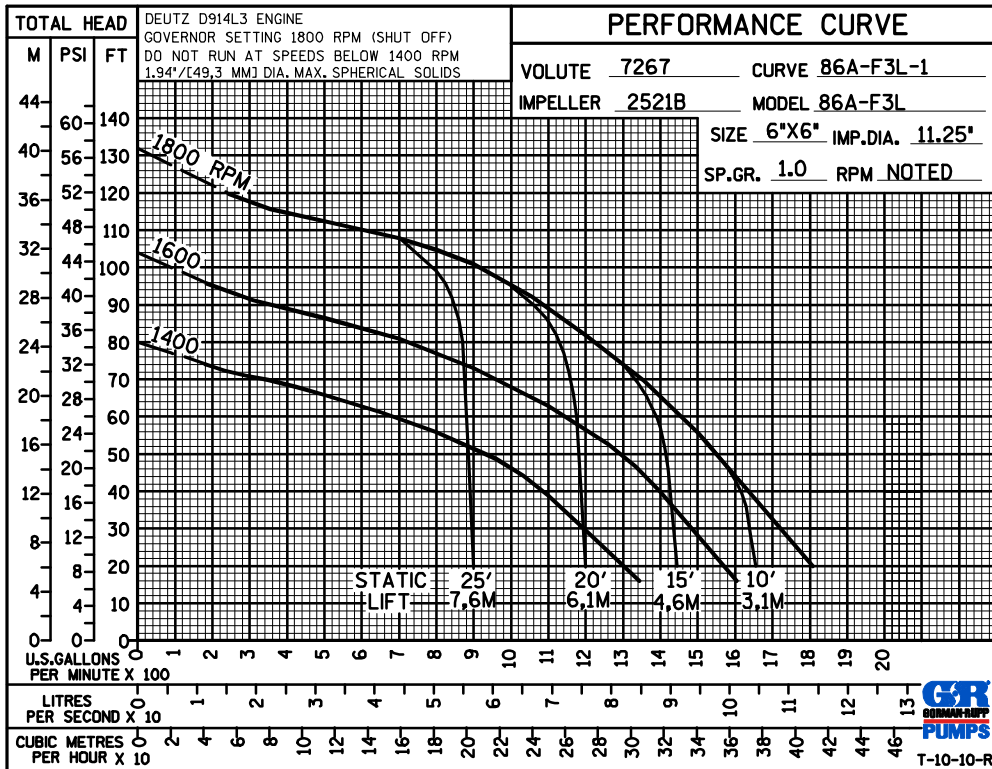
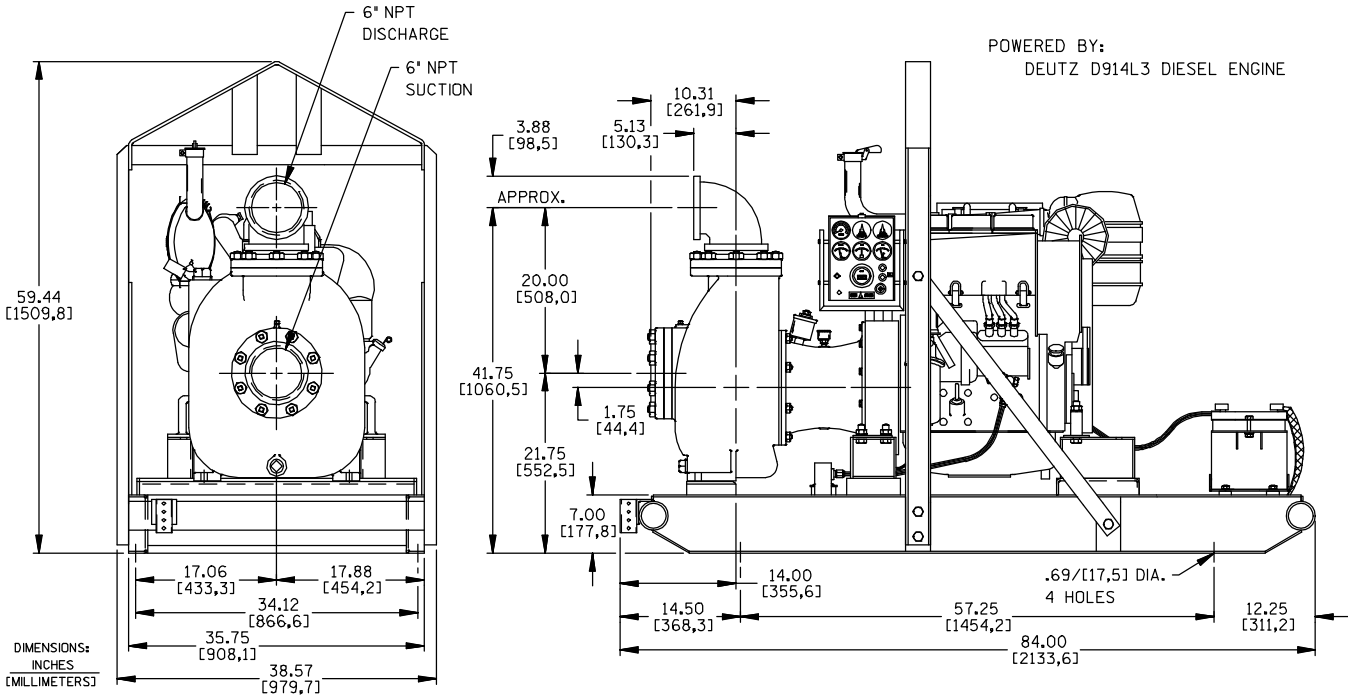
APPROXIMATE
DIMENSIONS and
WEIGHTS

SKID BASE

NET WEIGHT: 2061 LBS. [934,9 KG.]
SHIPPING WEIGHTS: 2185 LBS. [991,1 KG.]
EXPORT CRATE: 160.2 CU. FT. [4,5 CU. M.]

2-WHEEL

2586 LBS. [1173 KG.]
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