

ACE

Self Priming Centrifugal Pump



Diesel Engine Driven Model 88B2-F5L

Size 8" x 8"



125 M

| Total Head | | Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance | | | | |
|---------------------|------|---|------------|------------|------------|-----------|
| P.S.I. | Feet | | | | | |
| 64.2 | 148 | — | 640 | 640 | 640 | 640 |
| 60.7 | 140 | — | 800 | 880 | 880 | 880 |
| 52.0 | 120 | 720 | 1060 | 1430 | 1500 | 1500 |
| 43.4 | 100 | 840 | 1230 | 1610 | 1820 | 1900 |
| 34.7 | 80 | 960 | 1340 | 1710 | 2010 | 2160 |
| 26.0 | 60 | 1060 | 1430 | 1800 | 2110 | 2280 |
| 17.3 | 40 | 1150 | 1510 | 1880 | 2180 | 2370 |
| Suction Lift | | 25' | 20' | 15' | 10' | 5' |

PUMP SPECIFICATIONS

Size: 8" X 8" (204 mm X 204 mm) N.P.T. Female.

Pump Casing: Gray Iron No. 30. Maximum Operating Pressure 111 psi. (765 kPa).*

Open Type, Three Vane Impeller: Gray Iron No. 30. Handles 2 3/8" (60,3 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel Grade 1045/1046.

Replaceable Wear Plate: Gray Iron No. 30.

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: Buna-N with Nylon and Carbon Steel Grade C-1045.

Radial/Thrust Bearing: Tapered Single Row Roller.

Bearing Lubrication: Grease.

Flanges: Gray Iron No. 30.

Gaskets: Vegetable Fiber and Buna-N.

Hardware: Standard Plated Steel.

Hoisting Bail.

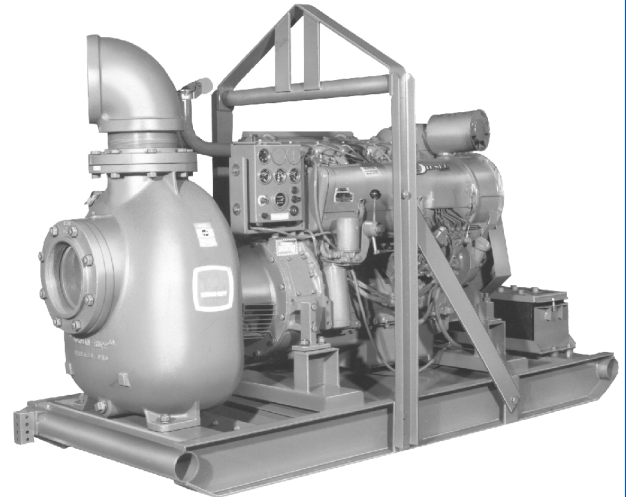
Skid Base.

90° Discharge Elbow.

Strainer.

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 F5L912.

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

Displacement: 287 Cu. In. (4,7 Liters).

Governor: Mechanical Flyweight.

Lubrication: Forced Circulation.

Air Cleaner: Oil Bath.

Oil Reservoir: 14.3 U.S. Qts (13,5 Liters) Dry.
12.7 U.S. Qts (12 Liters) Refill.

Fuel Tank: 38.9 U.S. Gallons (147,3 Liters).

Full Load Operating Time: 10.0 Hours.

Starter: 12 Volt Electric.

Standard Features: Safety Shut Down Switches for Low Oil Pressure and V-Belt Failure. Instrument Panel With; Temperature Gauge, Oil Pressure Gauge, Ammeter, Hour-meter, Tachometer and Alternator Failure Light. Muffler with Guard and Weather Cap.

DEUTZ PUBLISHED PERFORMANCE:

Maximum Continuous B.H.P. 78 @ 2300 RPM

Maximum Dynamic B.H.P. 92 @ 2800 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

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Specifications Subject to Change Without Notice

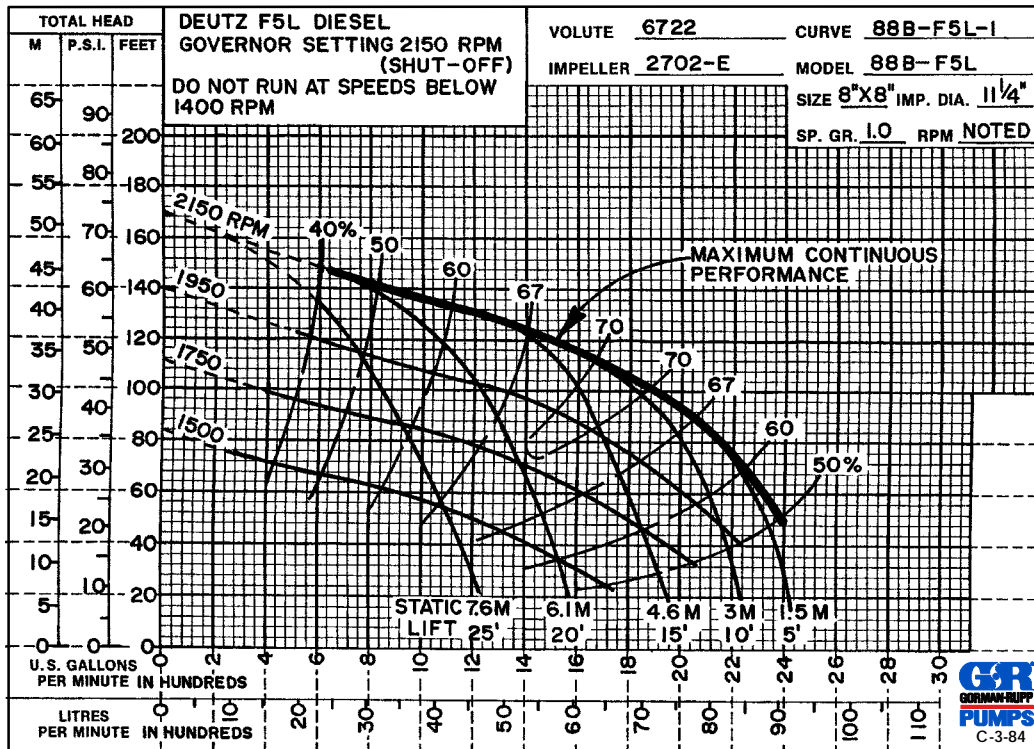
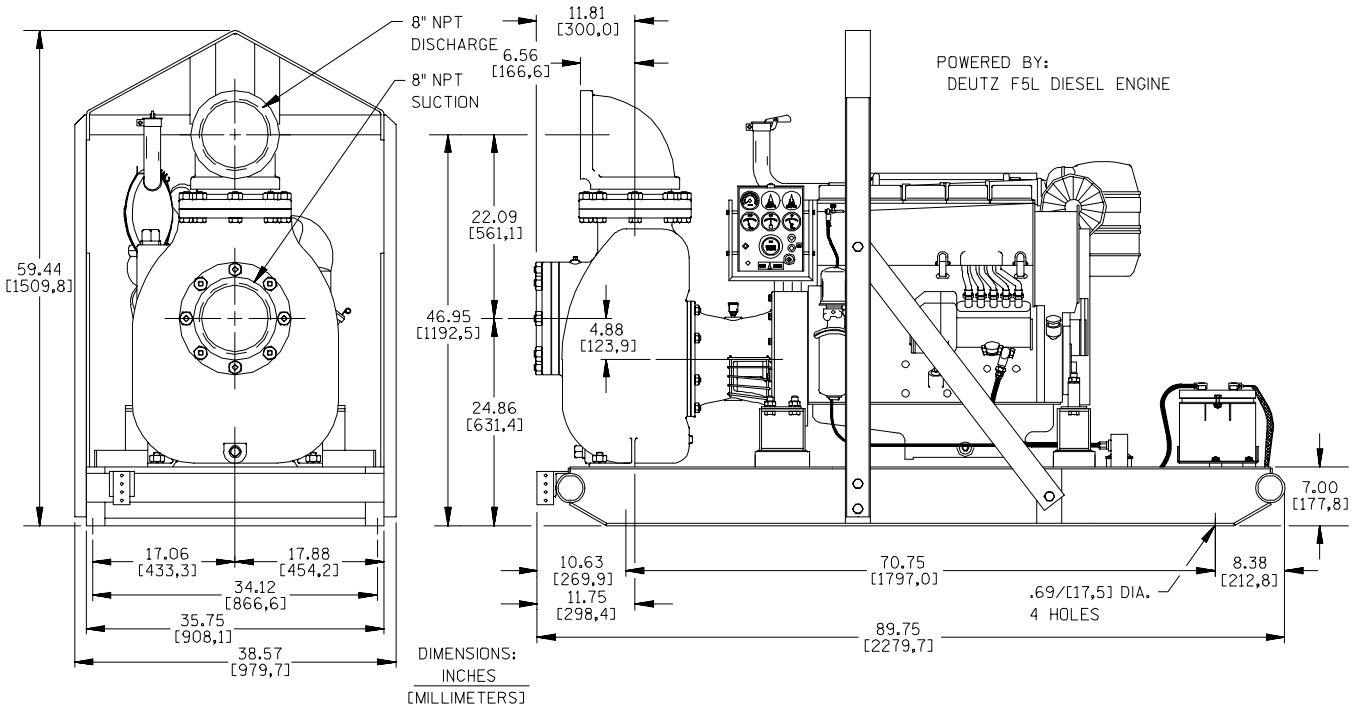
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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

| | | |
|-------------------|--------------------------|------------------------|
| | SKID BASE | 2-WHEEL |
| NET WEIGHT: | 2424 LBS. [1099,5 KG.] | 2774 LBS. [1258,3 KG.] |
| SHIPPING WEIGHTS: | 2528 LBS. [1146,7 KG.] | 2774 LBS. [1258,3 KG.] |
| EXPORT CRATE: | 139 CU. FT. [3.9 CU. M.] | |



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