



Self Priming Centrifugal Pump

Model 84A2-F3L

Size 4" x 4"



40M



| Total Head | | Capacity Of Pump in U.S. Gallons per Minute (GPM) At Continuous Performance | | | | |
|---------------------|------|---|------------|------------|------------|-----------|
| P.S.I. | Feet | | | | | |
| 90.2 | 208 | 200 | 200 | 200 | 200 | 200 |
| 86.7 | 200 | 260 | 325 | 325 | 325 | 325 |
| 78.0 | 180 | 297 | 418 | 520 | 555 | 555 |
| 69.4 | 160 | 308 | 432 | 550 | 648 | 693 |
| 60.7 | 140 | 315 | 445 | 560 | 663 | 735 |
| 52.0 | 120 | 325 | 453 | 568 | 673 | 748 |
| 43.3 | 100 | 333 | 462 | 575 | 682 | 757 |
| 34.7 | 80 | 340 | 470 | 583 | 690 | 763 |
| 26.0 | 60 | 345 | 478 | 590 | 695 | 770 |
| 17.3 | 40 | 350 | 485 | 595 | 697 | 775 |
| Suction Lift | | 25' | 20' | 15' | 10' | 5' |



PUMP SPECIFICATIONS

Size: 4" x 4" (101 mm x 101 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 141 psi (972 kPa).*

Semi-Open Three Vane Impeller: Gray Iron 30.

Handles 1 1/8" (28,6 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel 4150.

Replaceable Wear Plate: Carbon Steel ASTM A36.

Intermediate Bracket: 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. Maximum Temperature of Liquid Pumped 110°F (43°C). Maximum Suction Pressure 10 psi (69 kPa).*

Seal Liner: Copper Alloy C26000.

Flap Valve: Neoprene and Steel.

Radial and Thrust Bearings: Tapered Roller Type.

Bearing Lubrication: Grease.

Flanges: Gray Iron 30.

Gaskets: Synthetic Fiber.

Hardware: Standard Plated Steel.

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



WARNING!

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

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: 17.7 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



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

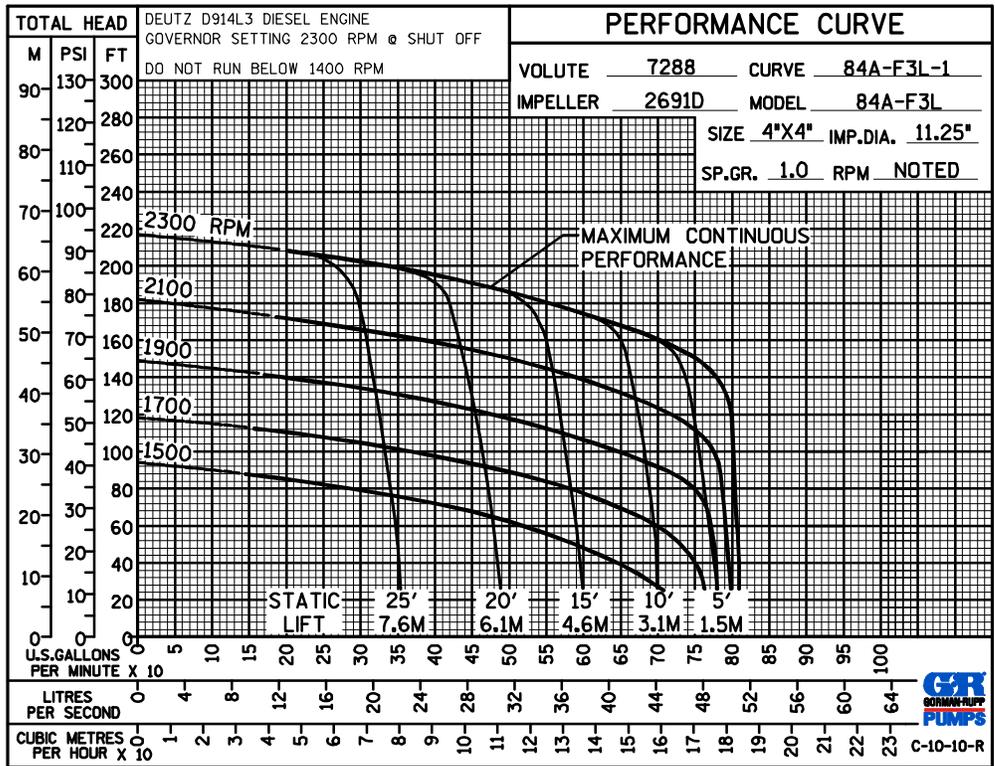
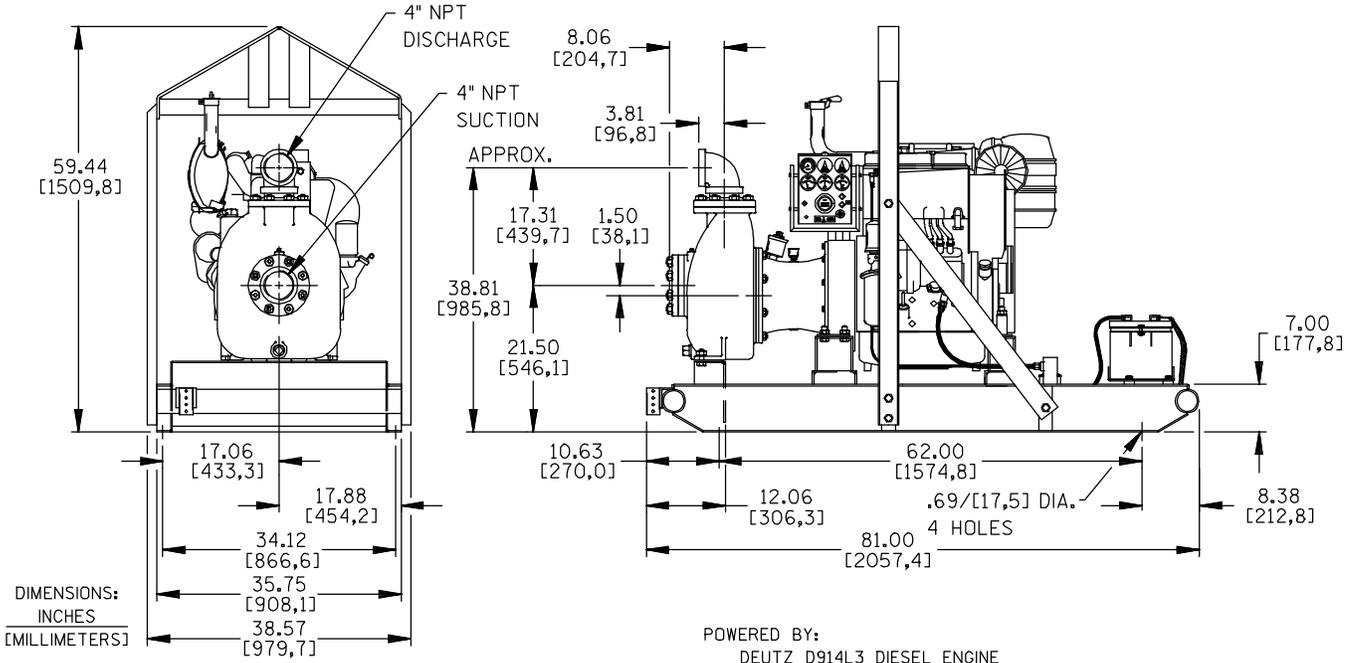
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Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

| | SKID BASE | 2-WHEEL |
|-------------------|--------------------------|---------------------|
| NET WEIGHT: | 1768 LBS. [802 KG.] | 2085 LBS. [946 KG.] |
| SHIPPING WEIGHTS: | 1893 LBS. [859 KG.] | 2085 LBS. [946 KG.] |
| EXPORT CRATE: | 142 CU. FT. [4.0 CU. M.] | |



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