



Diesel Engine Driven Self Priming Centrifugal Pump w/Autostart Model T4A60S-F3L 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					
56.4	130	180	180	180	180	180
52.0	120	310	350	350	350	350
43.3	100	372	505	595	670	670
34.7	80	385	515	615	725	790
26.0	60	390	520	622	735	800
17.3	40	392	528	628	745	810
Suction Lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

Size: 4" x 4" (101 mm x 101 mm) NPT - Female.
Casing: Gray Iron No. 30.
 Maximum Operating Pressure 95 psi (655 kPa).*
Semi-Open Type, Two Vane Impeller: Ductile Iron No. 65-45-12.
 Handles 3" (76,2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel Type 17-4 PH.
Replaceable Wear Plate: Carbon Steel No. 1015.
Removable Adjustable Cover Plate: Gray Iron No. 30; 37 lbs. (17 kg).
Seal Plate: Gray Iron No. 30.
Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning Silicon Carbide Rotating and Stationary Faces. Stainless Steel No. 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*
Flap Valve: Neoprene w/Steel Reinforcing.
Shaft Sleeve: Alloy Steel No. 4130.
Intermediate: Gray Iron No. 30.
Radial Bearing: Open Single Ball.
Thrust Bearing: Open Double Ball.
Bearing and Seal Cavity Lubrication: SAE No. 30 Non-Detergent Oil.
Flanges: 125# Gray Iron No. 30.
Gaskets: Buna-N, Compressed Synthetic Fibers, PTFE, Vegetable Fiber, Cork and Red Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Brass Pressure Relief Valve.
Bearing and Seal Cavity Oil Level Sight Gauges.
Standard Equipment: Hoisting Bail. 90° Discharge Elbow. Strainer. Single Ball Type Float Switch.**
****50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.**
Optional Equipment: Battery. G-R Hard Iron Impeller and Seal Plate. Hardened Steel Wear Plate. High Speed (55 MPH/89 KM/H) Wheel Kit with ST205/75R14 Pneumatic Tires. Over-the-Road Trailer (Meets D.O.T. and Transport Canada Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Two Trailer Jack Stands and Safety Chains. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).
**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 F3L.
Type: Three Cylinder, Four Cycle, Air Cooled Diesel Engine.
Displacement: 197.4 Cu. In. (3,24 Liters).
Governor: Mechanical.
Lubrication: Forced Circulation.
Air Cleaner: Oil Bath.
Oil Reservoir: 10 U.S. Qts (9,6 Liters) Dry
 9.5 U.S. Qts (9,0 Liters) Refill.
Fuel Tank: 61 U.S. Gallons (231 Liters).
Full Load Operating Time: 31.2 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. Autostart Instrument Panel with: Temperature Gauge, Oil Pressure Gauge, Ammeter, Hourmeter, Tachometer, Manual/Stop/Auto Key Switch, 15 Amp Fuse, Audible Startup Warning Delay. Muffler w/Guard and Weather Cap.

DEUTZ PUBLISHED PERFORMANCE:

Maximum Continuous B.H.P. 50.3 (37 kW) @ 2300 RPM
 Maximum Dynamic B.H.P. 55.8 (41 kW) @ 2300 RPM



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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

SKID BASE

2-WHEEL

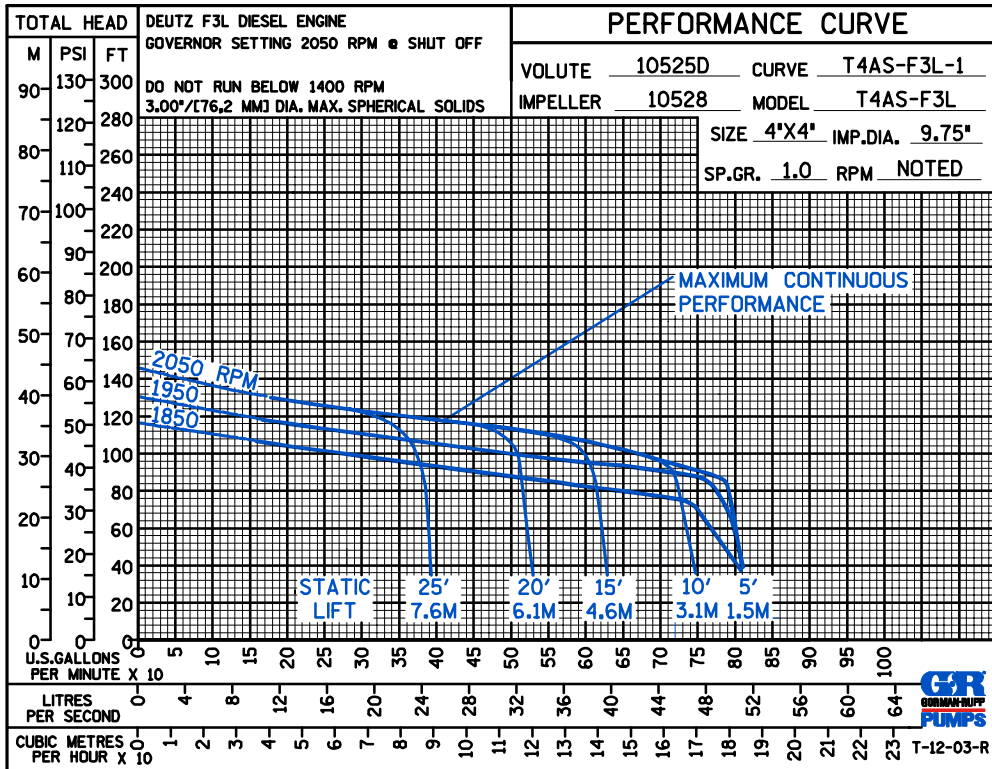
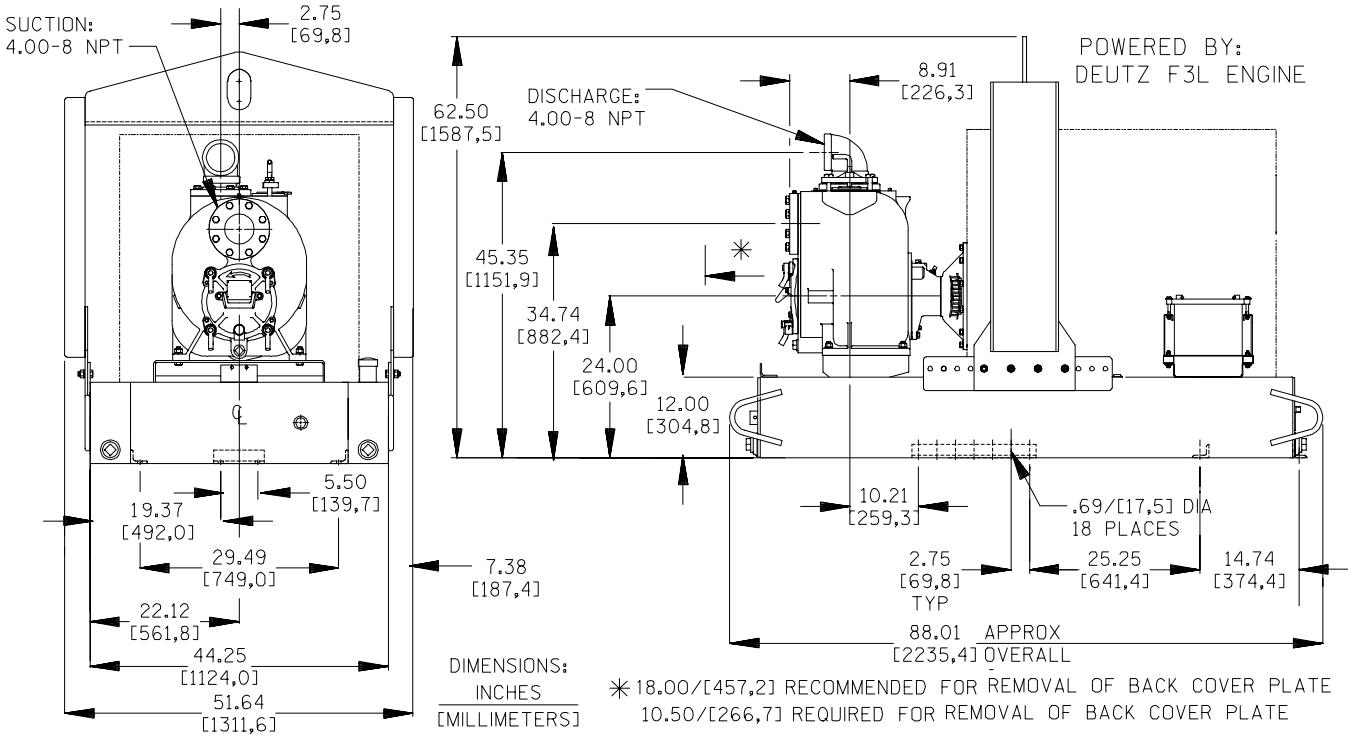
2390 LBS. (1084 KG.)

2845 LBS. (1290 KG.)

2575 LBS. (1168 KG.)

2845 LBS. (1290 KG.)

196 CU. FT. (5,5 CU. M.)



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