



Diesel Engine Driven Self Priming Centrifugal Pump w/Autostart Model T6A60S-F4L Size 6" x 6"



70 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
59.4	137	410	410	410	410
52.0	120	730	750	750	750
43.4	100	750	1050	1170	1170
34.7	80	760	1060	1290	1470
26.0	60	770	1070	1300	1500
17.4	40	780	1080	1310	1510
Suction Lift		25'	20'	15'	10'

PUMP SPECIFICATIONS**Size:** 6" x 6" (152 mm x 152 mm) NPT - Female.**Casing:** Gray Iron No. 30.**Maximum Operating Pressure** 99 psi (683 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 No. 17-4 PH.**Replaceable Wear Plate:** Carbon Steel No. 1015.**Removable Adjustable Cover Plate:** Gray Iron No. 30; 60.5 lbs. (27 kg).**Flap Valve:** Neoprene w/Steel Reinforcing.**Drive Flange:** Gray Iron No. 30.**Seal Plate:** Gray Iron No. 30.**Shaft Sleeve:** Alloy Steel No. 4130.**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).***Bearing Housing:** 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 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 ST225/75R15 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.****ENGINE SPECIFICATIONS****Model:** Deutz F4L.**Type:** Four Cylinder, Four Cycle, Air Cooled Diesel Engine.**Displacement:** 263.2 Cu. In. (4.3 Liters).**Governor:** Mechanical.**Lubrication:** Forced Circulation.**Air Cleaner:** Oil Bath.**Oil Reservoir:** 12.7 U.S. Qts. (12 Liters) Dry;
13.7 U.S. Qts. (13 Liters) Refill.**Fuel Tank:** 88 U.S. Gallons (333 Liters).**Full Load Operating Time:** 32.5 Hrs.**Starter:** 12Volt 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. 68 (50 kW) @ 2300 RPM

Maximum Dynamic B.H.P. 76.2 (56 kW) @ 2500 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

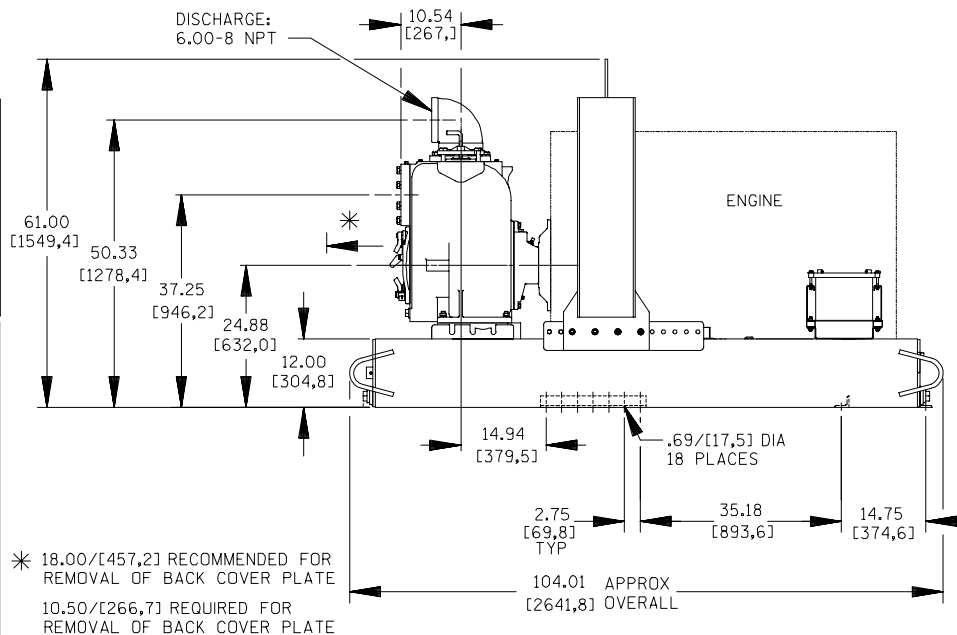
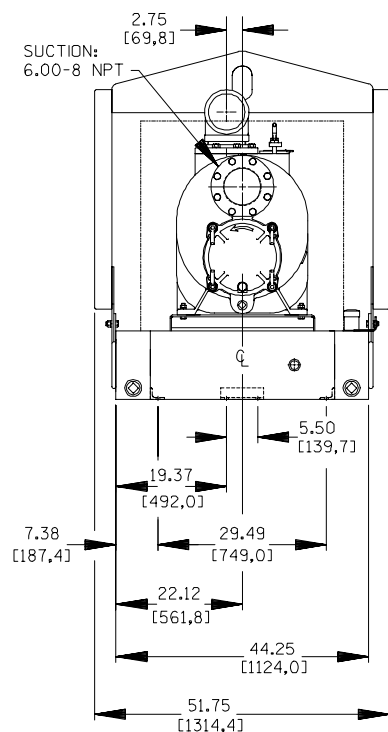
NET WEIGHT: 3055 LBS. (1386 KG.)
SHIPPING WEIGHT: 3290 LBS. (1492 KG.)
EXPORT CRATE SIZE: 273 CU. FT. (7,7 CU. M.)

SKID BASE

2-WHEEL

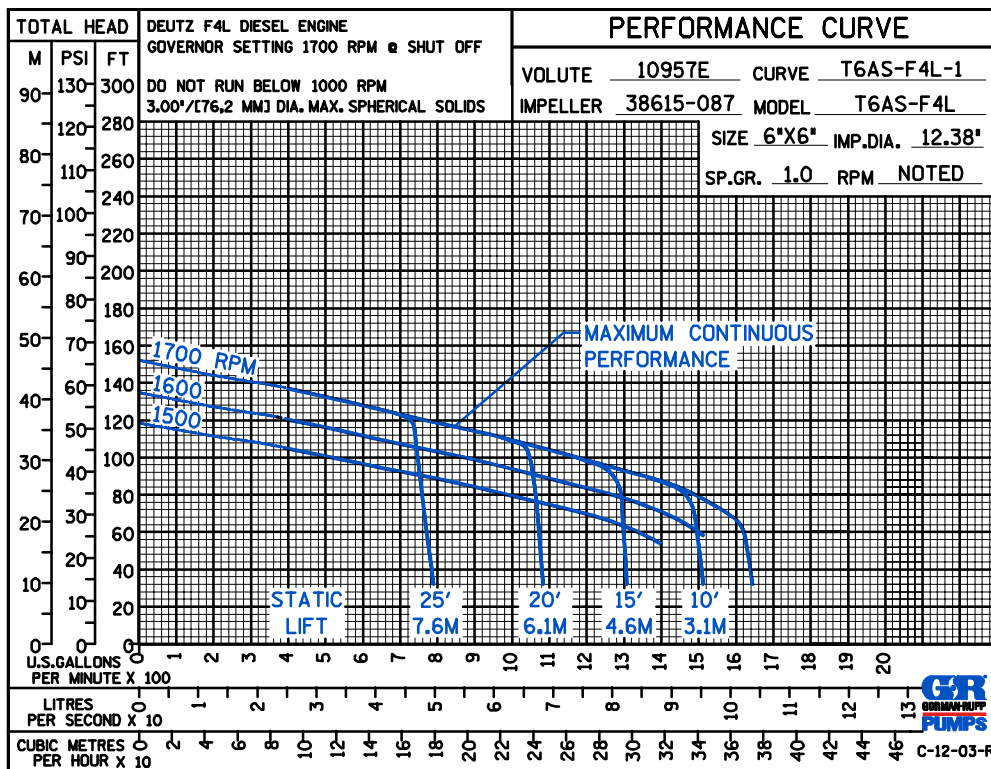
3565 LBS. (1617 KG.)

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DIMENSIONS:
INCHES
[MILLIMETERS]

POWERED BY:
DEUTZ F4L DIESEL ENGINE



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