



# Self Priming Centrifugal Pump w/Autostart

## Model T6A65S-F4L

### Size 6" x 6"



90 M

VARIOUS PATENTS APPLY

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
59.4	137	400	400	400	400
52.0	120	730	750	750	750
43.4	100	750	1050	1170	1170
34.7	80	760	1060	1290	1460
26.0	60	770	1070	1300	1495
17.4	40	780	1080	1310	1510
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>

Photo not available at time of publishing

**PUMP SPECIFICATIONS**

**Size:** 6" x 6" (152 mm x 152 mm) NPT - Female.  
**Casing:** Stainless Steel CD4MCu.  
**Maximum Operating Pressure:** 99 psi (683 kPa) \*  
**Semi-Open Type, Two Vane Impeller:** Stainless Steel CD4MCu.  
 Handles 3" (76,2 mm) Diameter Spherical Solids.  
**Impeller Shaft:** Stainless Steel 17-4 PH.  
**Replaceable Wear Plate:** Stainless Steel CD4Mcu.  
**Removable Adjustable Cover Plate:** Stainless Steel CD4Mcu; 64 lbs. (29 kg).  
**Removable Inspection Cover Plate:** Gray Iron 30; 20 lbs. (9,1 kg.).  
**Flap Valve:** Neoprene w/Steel Reinforcing.  
**Seal Plate:** Stainless Steel CD4MCu.  
**Shaft Sleeve:** Stainless Steel 17-4 PH.  
**Seal:** Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Cage and Spring.  
**Maximum Temperature of Liquid Pumped:** 160°F (71°C) \*  
**Bearing Housing:** Stainless Steel CD4MCu.  
**Radial Bearing:** Open Single Row Ball.  
**Thrust Bearing:** Open Double Row Ball.  
**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.  
**Suction Flange:** Stainless Steel CD4MCu.  
**Discharge Flange:** Stainless Steel 316.  
**Gaskets:** Fluorocarbon (DuPont Viton® or Equivalent), PTFE, Cork, and Rubber.  
**O-Rings:** Fluorocarbon (DuPont Viton® or Equivalent).  
**Hardware:** Stainless Steel 316.  
**Pressure Relief Valve:** Stainless Steel 316.  
**Bearing and Seal Cavity Oil Level Gauges.**  
**Standard Equipment:** Combination Skid Base w/Fuel Tank. 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. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. Tandem Axle Over-the-Road Trailer (Meets DOT Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables/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 D914L4.  
**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:** 13.7 U.S. Qts. (13 Liters) Dry; 12.7 U.S. Qts. (12 Liters) Refill.  
**Fuel Tank:** 88 U.S. Gallons (333 Liters).  
**Full Load Operating Time:** 31.5 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 Gross Continuous B.H.P.  
 73.7 (55 kW) @ 2300 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

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# Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:

SKID BASE

3095 LBS. (1404 KG.)

SHIPPING WEIGHT:

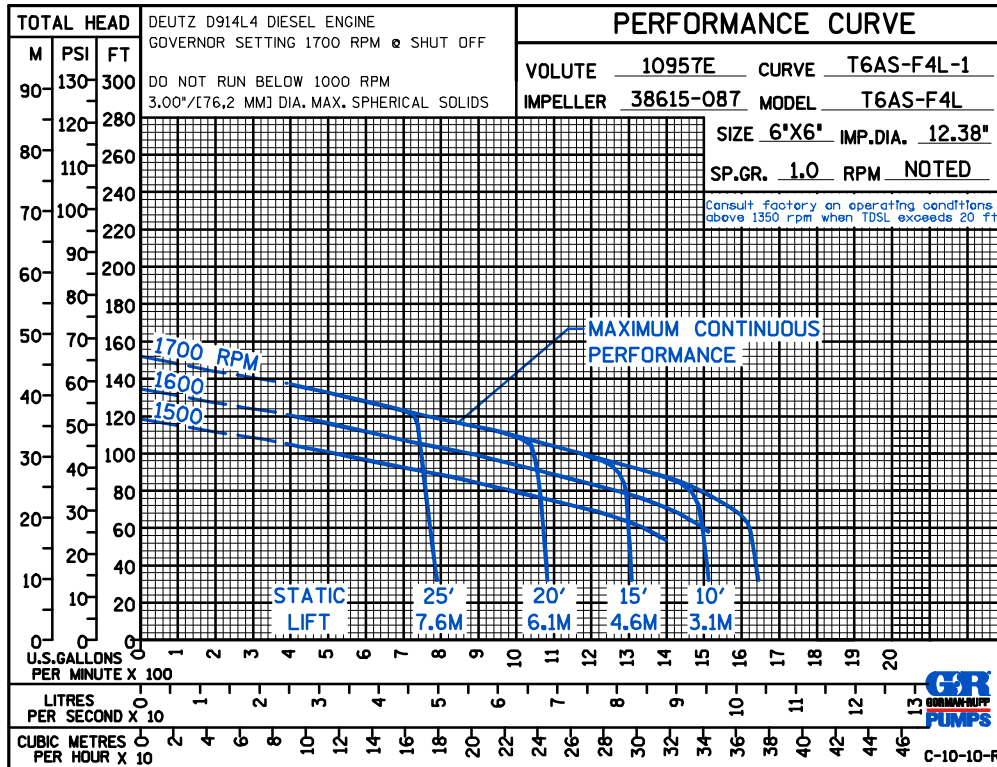
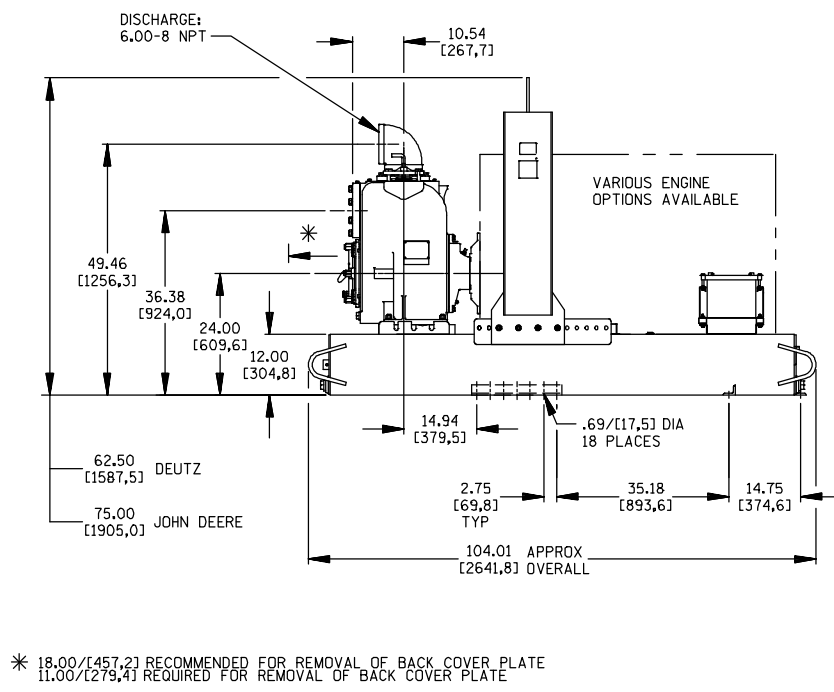
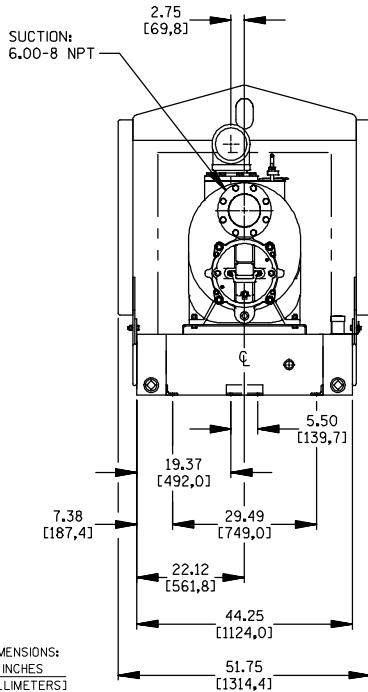
3330 LBS. (1510 KG.)

EXPORT CRATE SIZE: 273 CU. FT. (7,7 CU. M.)

2-WHEEL

3605 LBS. (1635 KG.)

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