

ACDS



VARIOUS PATENTS APPLY

Self Priming Centrifugal Pump

w/Autostart

Model V3A60-4024T

Size 4" x 3"



18 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
60.0	136	190	190	190	190
52.0	120	302	405	405	405
43.4	100	313	425	520	619
34.7	80	320	430	530	635
26.0	60	325	438	539	645
17.3	40	328	440	547	655
8.7	20	330	445	548	660
Suction Lift		25'	20'	15'	10'



Shown w/Optional Wheel Kit and Suction Pool Flange

PUMP SPECIFICATIONS

Size: 4" (102 mm) NPT Suction x 3" (76 mm) Flanged Discharge.
Casing: Gray Iron 30. Maximum Operating Pressure 101 psi (696 kPa).*
Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12. Handles 2-1/2" (63,5 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4PH.
Self-Cleaning Replaceable Wear Plate: Carbon Steel 1015.
Shimless Adjustable Cover Plate: Gray Iron 30.
Externally Removable Flap Valve: Neoprene w/Nylon and Steel Reinforcement.
Suction Flange/Flap Valve Seat: Gray Iron 30.
Bearing Housing: Gray Iron 30.
Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 304 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*
Seal Plate: Gray Iron 30.
Shaft Sleeve: Stainless Steel 17-4PH.
Radial Bearing: Open Single Row Ball.
Thrust Bearing: Open Double Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Gaskets: Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Brass Pressure Relief Valve.
Bearing and Seal Cavity Oil Level Sight Gauges.
** Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*
Standard Equipment: Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Single Ball Type Float Switch.**
Optional Equipment: Gray Iron Flange Kits: 3" and 4" Female NPT or ASA Suction/Discharge Flange Kits. 100 mm and 80 mm PN 16 Suction/Discharge Spool Flange Kits. Stainless Steel/G-R Hard Iron Impeller, Seal Plate and Wear Plate. Battery. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. Over-the-Road Trailer (Meets DOT Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15M] Cable Standard, Alternate Lengths Available).
****50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.**

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

ENGINE SPECIFICATIONS

Model: John Deere 4024T.
Type: Four Cylinder, Turbocharged, Liquid Cooled Diesel Engine.
Displacement: 149 Cu. In. (2,44 Liters).
Governor: Mechanical.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Oil Reservoir: 8.5 U.S. Qts. (8 Liters) Dry; 7.7 U.S. Qts. (7.3 Liters) Refill.
Fuel Tank: 61 U.S. Gallons (231 Liters).
Full Load Operating Time: 30.2 Hrs
Starter: 12V Electric.
Standard Features: Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches/Indicators. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Manual/Stop/Auto Key Switch, 10 Amp Pushbutton Circuit Breaker, Startup Warning Delay. Muffler w/Guard and Weather Cap. Throttle Control.

JOHN DEERE PUBLISHED PERFORMANCE:
 Maximum Gross (Industrial Intermittent) B.H.P.
 41 (30.8 kW) @ 2800 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

www.grpumps.com

Specifications Subject to Change Without Notice

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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:

SHIPPING WEIGHT:

EXPORT CRATE SIZE:

SKID BASE

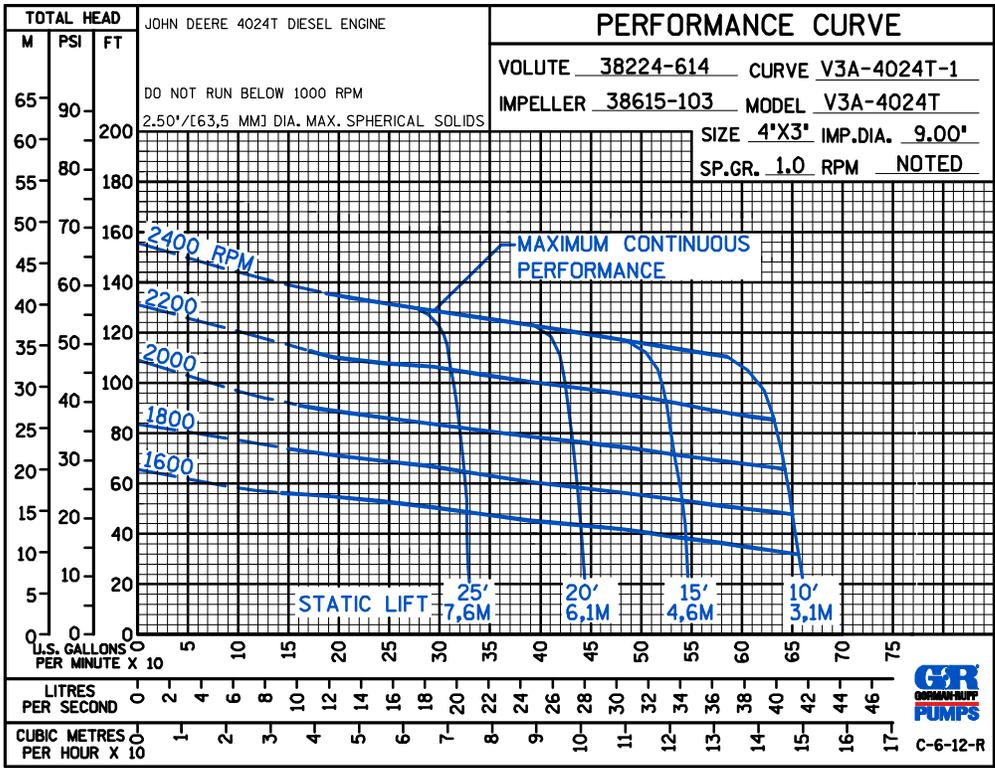
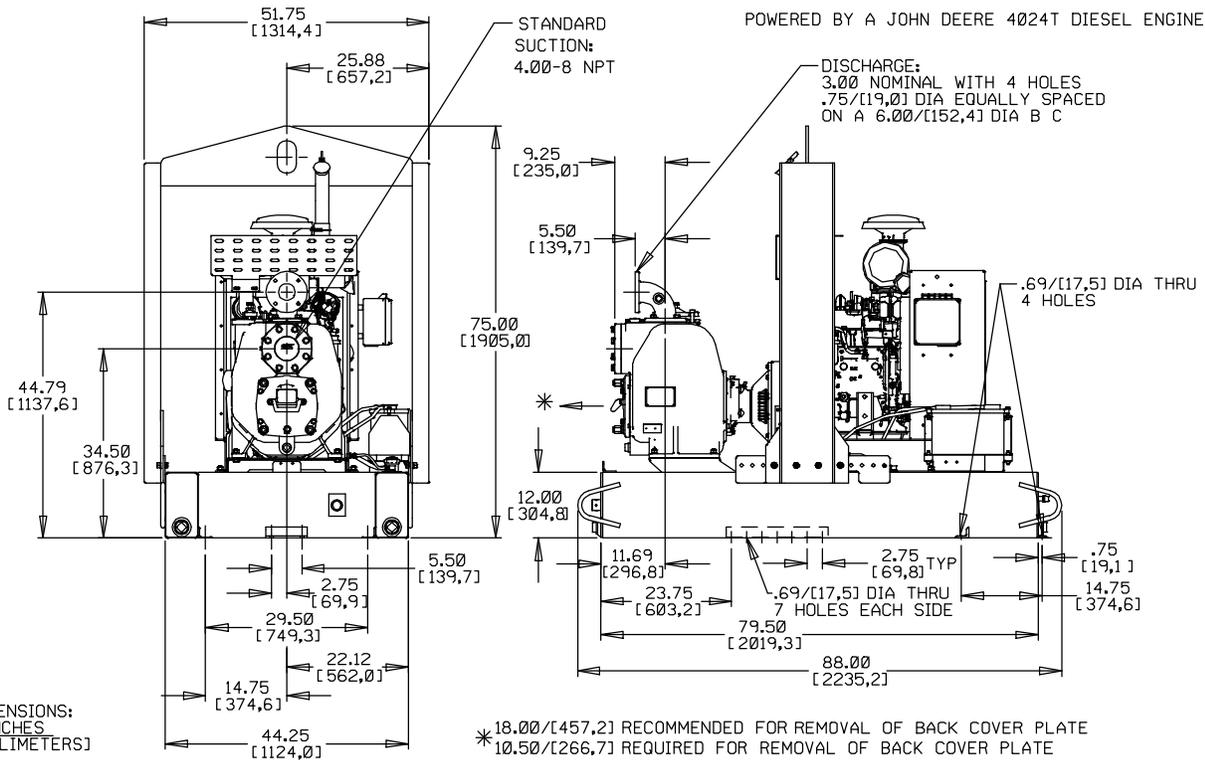
2610 LBS. (1183,9 KG.)

2880 LBS. (1306,3 KG.)

2-WHEEL

3200 LBS. (1451,5 KG.)

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