

Diesel Engine Driven Self Priming Centrifugal Pump w/Autostart Model V6A60-4045T Size 8" x 6"



VARIOUS PATENTS APPLY



70 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
72.8	168	480	480	480	480
69.4	160	800	800	800	800
60.7	140	982	1275	1420	1500
52.0	120	1007	1340	1570	1823
43.4	100	1020	1355	1592	1888
34.7	80	1038	1363	1618	1905
26.0	60	1050	1380	1640	1915
17.3	40	1065	1392	1660	1920
8.7	20	1078	1403	1680	1930
Suction Lift		25'	20'	15'	10'

PHOTO NOT AVAILABLE AT TIME OF PUBLISHING

PUMP SPECIFICATIONS

Size: 8" (203 mm) Suction x 6" (152 mm) Flanged Discharge.

Casing: Gray Iron 30. Maximum Operating Pressure 127 psi (876 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3" (76.2 mm) Diameter Spherical Solids.

Impeller Shaft: Stainless Steel 17-4PH.

Self-Cleaning Replaceable Wear Plate: Carbon Steel ASTM A36.

Removable Adjustable Cover Plate: Gray Iron 30.

Removable Inspection Cover Plate: Gray Iron 30; 12 lbs. (5.4 kg.).

Externally Removable Flap Valve: Neoprene w/Nylon and Steel Reinforcing.

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 316 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 and Thrust Bearings: Open Double Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Buna-N, Fluorocarbon (DuPont Viton® or Equivalent),

PTFE, Compressed Synthetic Fibers, 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.

* 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:

8" and 6" Female NPT Suction/Discharge Flange Kits. 8" and 6" ASA Suction/Discharge Spool Flange Kits. 200 mm and 150 mm PN 16 Suction/Discharge Spool Flange Kits. Stainless Steel/G-R Hard Iron Impeller and Wear Plate. Battery. 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. EPS w/Submersible Transducer Liquid Level Sensor.

**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.



ENGINE SPECIFICATIONS

Model: John Deere 4045T.

Type: Four Cylinder, Turbocharged, Liquid Cooled Diesel Engine.

Displacement: 276 Cu. In. (4,5 liters).

Governor: Electronic.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Oil Reservoir: 16.5 U.S. Qts. (15,6 liters) Dry; 15.5 U.S. Qts. (14,7 liters) Refill.

Fuel Tank: 88 U.S. Gals. (330 liters).

Full Load Operating Time: 18.2 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/Weather Cap. Throttle Control.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross (Industrial Heavy Duty) BHP 99 (74 kW) @ 2400 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

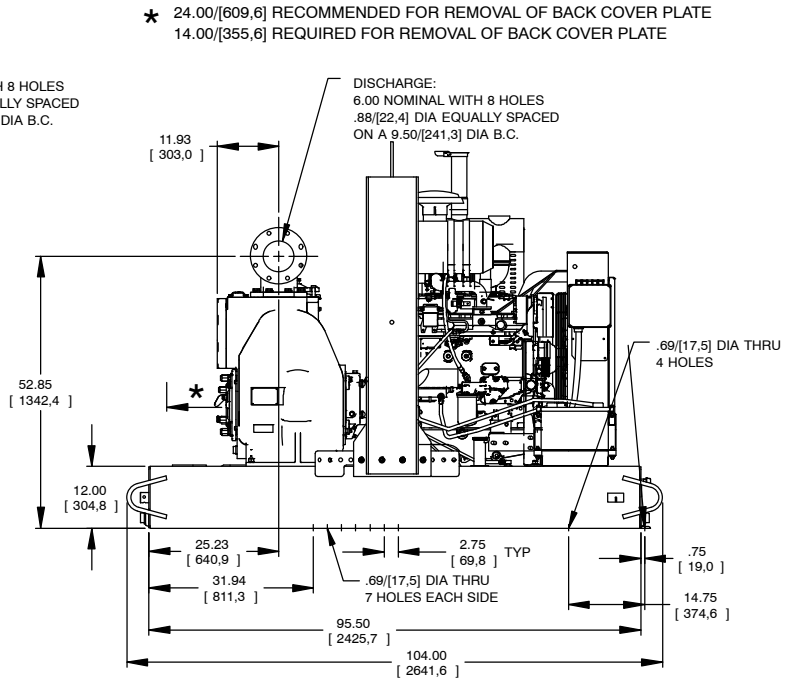
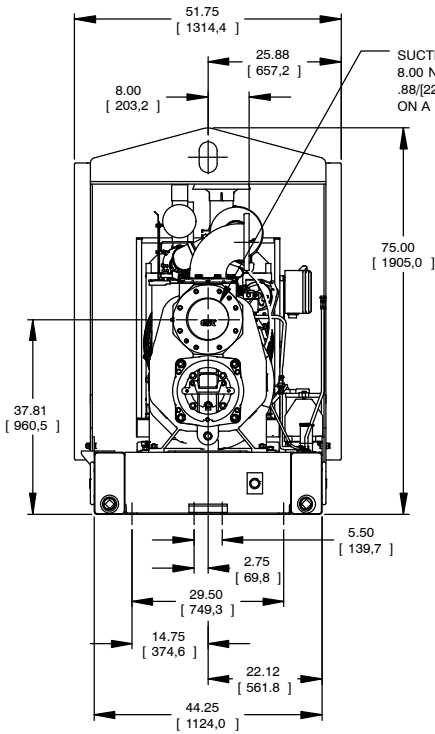
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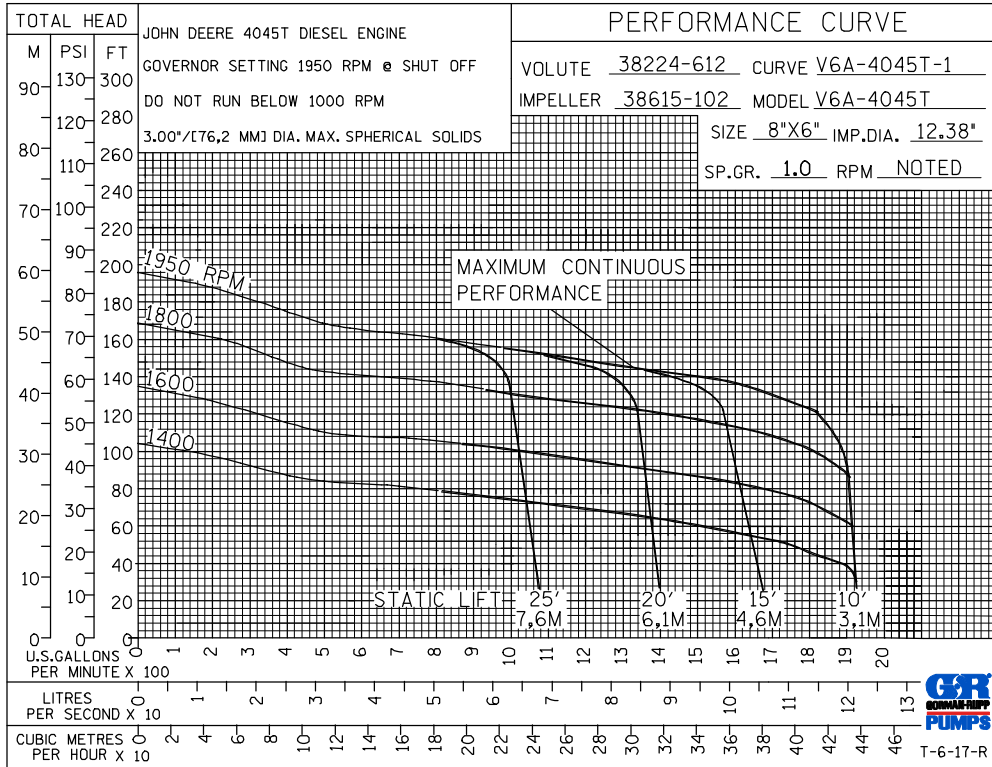
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APPROXIMATE DIMENSIONS and WEIGHTS

	SKID BASE	2-WHEEL
NET WEIGHT:	3219 LBS. (1460.1 KG.)	3954 LBS. (1793,5 KG.)
SHIPPING WEIGHT:	3519 LBS. (1596,2 KG.)	3954 LBS. (1793,5 KG.)
EXPORT CRATE SIZE:	277.1 CU. FT. (7,8 CU. M.)	



POWERED BY A JOHN DEERE 4045T DIESEL ENGINE



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