

ACE



Self Priming Centrifugal Pump

Diesel Engine Driven
Model 84A2-4024T
Size 4" x 4"



40 M

Total Head		Capacity Of Pump in U.S. Gallons per Minute (GPM) At Continuous Performance				
P.S.I.	Feet					
90.2	208	200	200	200	200	200
86.7	200	260	325	325	325	325
78.0	180	297	418	520	555	555
69.4	160	305	432	550	648	693
60.7	140	315	445	560	663	735
52.0	120	325	453	568	673	748
43.3	100	333	462	575	682	757
34.7	80	340	470	583	690	763
26.0	60	345	478	590	695	770
17.3	40	353	485	595	697	775
Suction Lift		25'	20'	15'	10'	5'

PUMP SPECIFICATIONS

Size: 4" x 4" (101 mm x 101 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 141 psi (972 kPa).*

Semi-Open Type, Three Vane Impeller: Gray Iron 30.

Handles 1 1/8" (28,6 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel 1045.

Replaceable Wear Plate: Carbon Steel C1015.

Intermediate Bracket: Gray Iron 30.

Seal Plate: Gray Iron 30.

Seal: Double, Grease-Lubricated w/Spring-Loaded Grease Cup.

Sintered Bronze Stationary Seal Seats. Steel Rotating Faces.

Neoprene Packing Rings. Maximum Temperature of Liquid Pumped, 110°F (43°C).*

Maximum Suction Pressure 10 psi (69 kPa).*

Seal Liner: Copper Alloy C26000.

Flap Valve: Alloy Steel and Rubber.

Radial/Thrust Bearing: Tapered Roller Type.

Bearing Lubrication: Grease.

Flanges: Gray Iron 30.

Gaskets: Vegetable Fiber.

Hardware: Standard Plated Steel.

Hoisting Bail.

Skid Base.

90° Discharge Elbow.

Strainer.

*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

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.



ENGINE SPECIFICATIONS

Model: John Deere 4024T "Power Tech".

Type: Four Cylinder, Four Cycle, Water 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;
7.6 U.S. Qts. (7.2 Liters) Refill.

Fuel Tank: 61 U.S. Gallons (231 Liters).

Full Load Operating Time: 24.4 Hrs.

Starter: 12V Electric.

Standard Features: Low Oil Pressure and High Coolant Temperature Shut Down Switches/Indicators. Throttle Control. Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature and Oil Pressure Indicators, Start/Stop Key Switch, 10 Amp Fuse, Muffler w/Guard and Weather Cap.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross Continuous B.H.P. 52 (38.8 kW) @ 2800 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

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Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

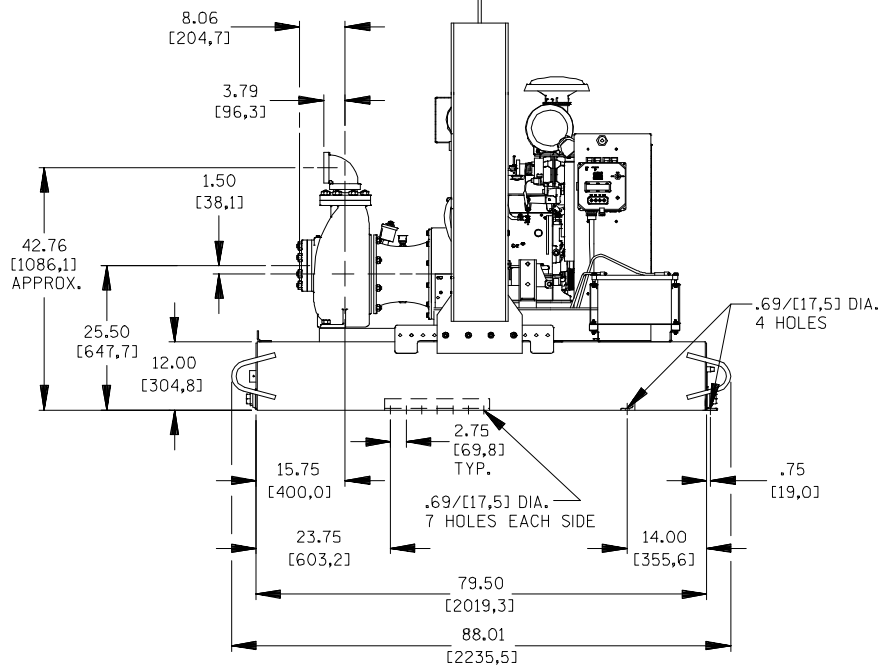
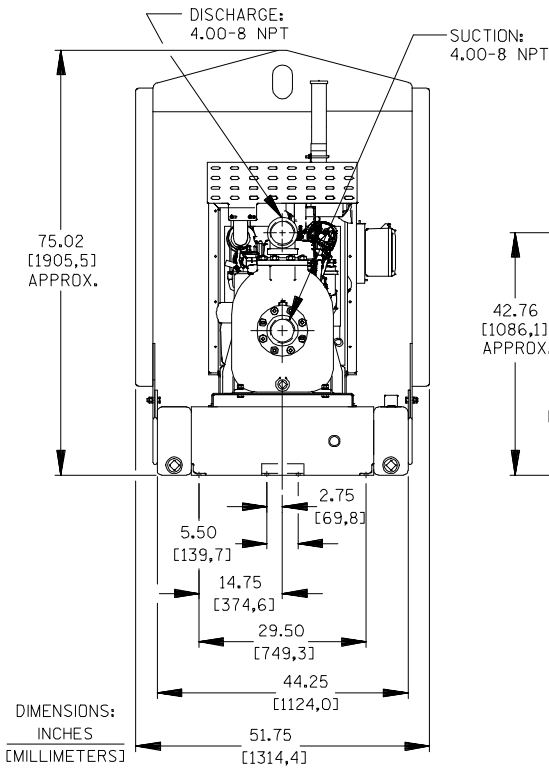
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APPROXIMATE DIMENSIONS and WEIGHTS

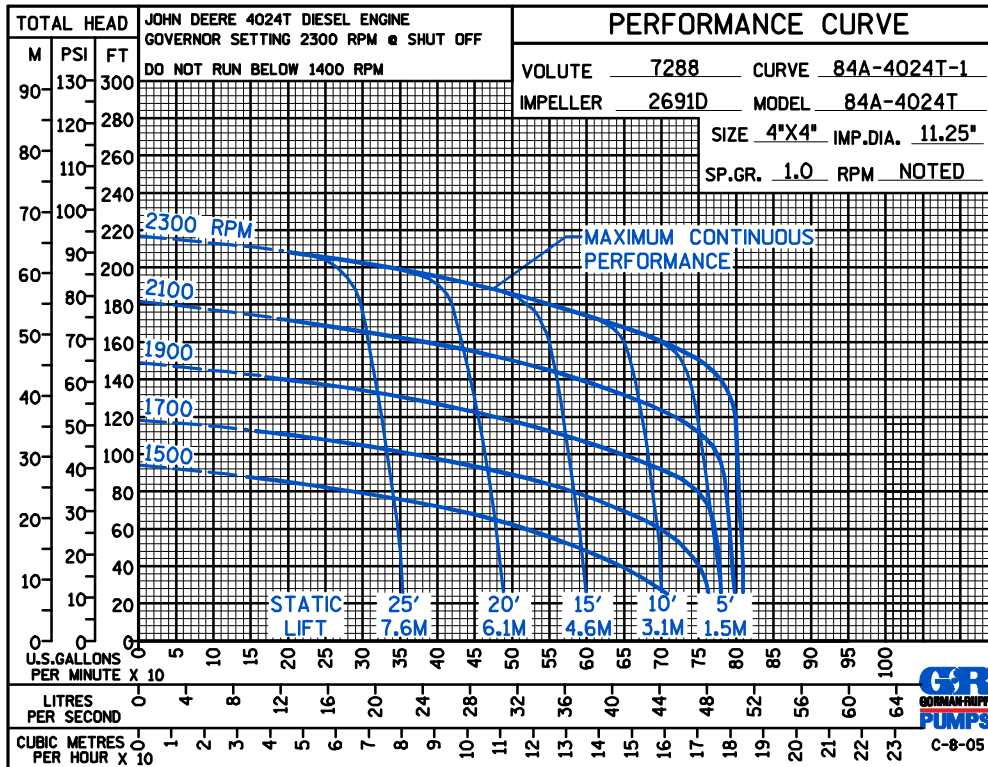
SKID BASE

2-WHEEL

NET WEIGHT: 2260 LBS. [1025 KG.] 2870 LBS. [1301 KG.]
 SHIPPING WEIGHTS: 2600 LBS. [1179 KG.] 2870 LBS. [1301 KG.]
 EXPORT CRATE: 255 CU. FT. [7.2 CU. M.]



POWERED BY JOHN DEERE 4024T ENGINE



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