Specification Data

Sound Attenuated Diesel Engine Driven

Environmental Silent Pump



Size 10" x 10"



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MAY 2022



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous				
P.S.I.	Feet	Performance				
60.7 52.0 43.4 34.7 26.0 17.3 8.7	140 120 100 80 60 40 20	780 1590 1840 1920 2020 2100 2180	780 1840 2400 2520 2580 2640 2700	780 1920 2820 3020 3100 3180 3260	780 1920 3020 3500 3630 3720 3720	780 1920 3020 3620 3820 3920 3920
Suction Lift		24'	20'	15'	10'	5'

PUMP SPECIFICATIONS

Size: 10" x 10" (254 mm x 254 mm) Flanged.

Casing: Gray Iron 30.

Maximum Operating Pressure 98 psi (676 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12. Handles 3.25" (82,6 mm) Diameter Spherical Solids.

Suction Spool: Gray Iron 30.

Impeller Shaft: Stainless Steel 17-4 PH.

Externally Adjustable Front Wear Ring: Ductile Iron 80-55-06.

Intermediate: Gray Iron 30. Seal Plate: Gray Iron 30.

Seal: 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).

Priming Chamber: Gray Iron 30 Housing W/Stainless Steel Float and Linkage.

Discharge Check Valve: Ductile Iron Housing W/Buna-N Flapper.

Radial Bearing: Open Single Ball.

Thrust Bearing: Open Double Ball.

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

Gaskets: Resistant Synthetic Rubber, PTFE, Cork, Vegetable Fiber, and Compressed Synthetic Fibers.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Bearing and Seal Cavity Oil Level Sight Gauges.

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

Standard Equipment: Gear-Driven Air Compressor. Hoisting Bail. Soundproof (EPA Average 78.9 dBA at 23 feet [7 meters] Under Load) Lightweight Aluminum Enclosure - Removable for Maintenance of Pump or Engine - W/Padlockable Door Panels. Combination Skid Base w/Fuel Tank. Full Feature Control Panel Single Ball Type Float Switch.**

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. Heated Priming Chamber. Skid Base Kit. Liquid Level Transducer.

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



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

ENGINE SPECIFICATIONS

Model: John Deere 4045HFC04.

EPA Tier Tier 4.

Type: Turbocharged Four Cylinder, Diesel Engine w/Air

Compressor.

Displacement: 276 Cu. In. (4,5 liters). Governor: Electronic Isochronous. Lubrication: Forced Circulation.

Air Cleaner: Dry Type. Fuel Tank: 110 U.S. Gals. (416 liters). Full Load Operating Time: 17.5 Hrs.

Starter: 12V Electric.

Standard Features: Muffler w/Weather Cap, DOC/SCR

Exhaust After Treatment System.

Engine Control Features: Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Electronic Fuel Level Sensor. Fuel Level Display/Alarm/Shutdown.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Continuous) 125 (93 kW) @ 2200 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

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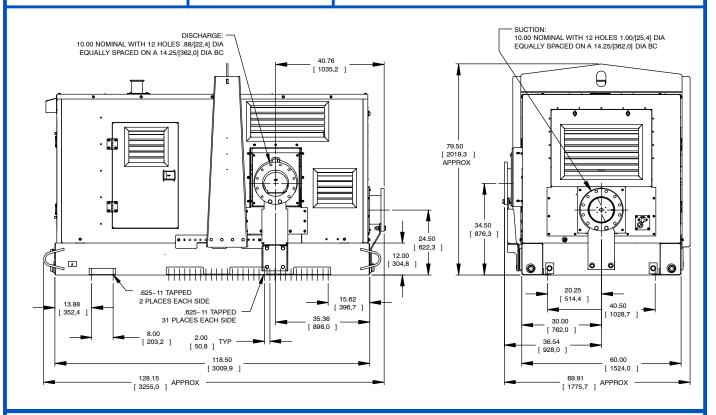
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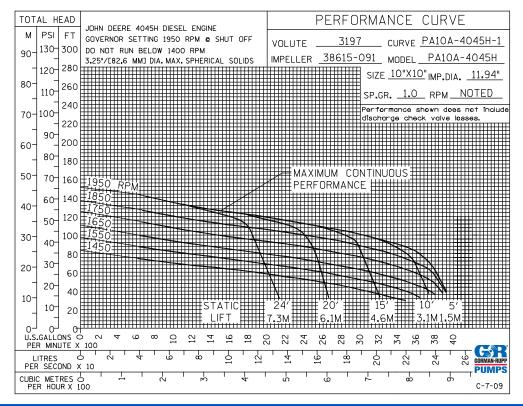
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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: SHIPPING WEIGHT: **EXPORT CRATE SIZE:**

SKID BASE 5920 LBS. (2685,3 KG.) 6145 LBS. (2787,3 KG.) 470 CU. FT. (13,3 CU. M.)







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