PUMP SPECIFICATIONS

Size: 10” x 8” (254 mm x 203 mm) Flanged.


Maximum Operating Pressure 222 psi (1531 kPa).*

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

Handles 3” (76.2 mm) Diameter Spherical Solids.

Suction Head: Gray Iron 30.


Impeller Shaft: Alloy Steel 4150M.

Replaceable Wear Ring: Ductile Iron 65-45-12.

Bearing Pedestal: Gray Iron 30.

Seal Plate: Gray Iron 30.

Seal: Mechanical, SAE 30 Non-Detergent Oil-Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton” or Equivalent). Stainless Steel 316 Cage and Stainless Steel 18-8 Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*

Shaft Sleeve: Stainless Steel 303/304.

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 Roller.

Thrust Bearing: Open Double Ball.


Gaskets: Vegetable Fiber.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Seal Cavity Oil Level Sight Gauges.

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

Standard Equipment: Strainer. Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Single Ball Type Float Switch.**


**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 6090H “Power Tech.”

Type: Six Cylinder, Four Cycle, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.


Governor: Electronic Isochronous.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.


Full Load Operating Time: 17.9 Hrs.

Starter: 12V Electric.


JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Intermittent)

375 (280 kW) @ 2200 RPM
NET WEIGHT: 9150 LBS (4150,4 KG)
SHIPPING WEIGHT: 9550 LBS (4331,8 KG)
EXPORT CRATE SIZE: 719 CU. FT. (20 CU. M.)

DIMENSIONS & WEIGHTS

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