PUMP SPECIFICATIONS
Size: 10” x 6” (254 mm x 152 mm) Flanged.
Maximum Operating Pressure 231 psi (1593 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.
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: Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Full Feature Control Panel Single Ball Type Float Switch.**
**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.

ENGINE SPECIFICATIONS
Model: John Deere 6090H “Power Tech”.
EPA Tier: Tier 4.
Type: Six Cylinder, Charge Air Cooled, Diesel Engine Enclosed, with Air Compressor.
Governor: Electronic Isochronous.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Full Load Operating Time: 14.9 Hrs.
Starter: 12V Electric.
Optional Features: Electronic Fuel Level Sensor.

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Intermittent) 375 (280 kW) @ 2200 RPM
**Specification Data**

**APPROXIMATE DIMENSIONS and WEIGHTS**

**NET WEIGHT:** 9030 LBS (4095.9 KG)

**SHIPPING WEIGHT:** 9430 LBS (4277.4 KG)

**EXPORT CRATE SIZE:** 791 CU. FT. (22,4 CU. M.)

**DISCHARGE:**
- 6.00 nominal with 8 holes 88[22.4]dia. equally spaced on a 9.50[241.3]dia. B.C.

**Suction:**
- 10.00 nominal with 12 holes 1.00[25.4]dia. equally spaced on a 14.25[362.0]dia. B.C.

**Net Weight:** 9030 lbs (4095.9 kg)

**Shipping Weight:** 9430 lbs (4277.4 kg)

**Export Crate Size:** 791 cu. ft. (22.4 cu. m.)

**Powered by:** John Deere 6090H FT4 Diesel Engine

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**Performance Curve**

- **Volute:** 38218-305
- **Impeller:** 38621-734
- **Model:** PA6A-6090H

**Size:** 10"X6" Imp. Dia. 17.75'

**SpGr. 1.0 RPM Noted**

**Performance shown does not include discharge check valve losses.**

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GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

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