

AC DEU

Self Priming Centrifugal Pump

Diesel Engine Driven

Models PA10A60-6068T *and*
PA10A60-6068T-A

Size 10" x 10"



| Total Head | | Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance | | | | |
|---------------------|------|---|------------|------------|------------|-----------|
| P.S.I. | Feet | | | | | |
| 69.4 | 160 | 550 | 550 | 550 | 550 | 550 |
| 60.7 | 140 | 820 | 820 | 820 | 820 | 820 |
| 52.0 | 120 | 1350 | 1900 | 2200 | 2200 | 2200 |
| 43.4 | 100 | 1590 | 2320 | 2820 | 3150 | 3170 |
| 34.7 | 80 | 1500 | 2400 | 2970 | 3450 | 3600 |
| 26.0 | 60 | 1760 | 2490 | 3050 | 3560 | 3700 |
| 17.3 | 40 | 1841 | 2550 | 3150 | 3650 | 3810 |
| 8.7 | 20 | 1900 | 2650 | 3200 | 3720 | 3900 |
| Suction Lift | | 25' | 20' | 15' | 10' | 5' |



PUMP SPECIFICATIONS

Size: 10" x 10" NPT (254 mm x 254 mm) - Female.**Casing:** Gray Iron No. 30. Maximum Operating Pressure 100 psi (7,1 kg/cm²)*.**Open Type, Two Vane Impeller:** Ductile Iron No. 65-45-12. Handles 3.25" (82,6 mm) Diameter Spherical Solids.**Impeller Shaft:** Stainless Steel No. 17-4 PH.**Replaceable Front Wear Plate:** Ductile Iron No. 80-60-03.**Bearing Housing:** Gray Iron No. 30.**Seal Plate:** Gray Iron No. 30.**Seal:** Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel No. 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C)*.

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

Discharge Check Valve: Gray Iron No. 30 and Buna-N.**Radial/Thrust Bearing:** Open Double Ball.**Bearing Lubrication:** Oil.**Flange:** 125# Gray Iron No. 30.**Suction Head:** Gray Iron No. 30.**Gaskets:** Resistant Synthetic Rubber, PTFE, Cork, Vegetable Fiber, and Compressed Synthetic Fibers.**O-Rings:** Buna-N.**Hardware:** Standard Plated Steel.**Oil Level Sight Gauge.****PA10A60-6068T-A ONLY:** Liquid Level Controls: Submersible Transducer* and Electronic Pressure Switch (EPS) Control with Start/Stop Set Point Adjustments for Automatic Filling/Emptying.

* 50 Ft. (15 m) Standard Length; 150 Ft. (46 m) Maximum; Specify Length at Time of Order.

Standard Equipment: Hoisting Bail. Strainer. Skid Base.**Optional Equipment:** Battery. G-R Hard Iron Impeller, Seal Plate, and Wear Plate. 4-Wheel Auto Steer with P225/75R15 Pneumatic Tires. Over-the-Road Trailer (Meets D.O.T. and Transport Canada Requirements).

WARNING!

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

ENGINE SPECIFICATIONS

Model: John Deere 6068T "Power Tech".**Type:** Six Cylinder, Four Cycle, Turbo-Charged, Liquid Cooled Diesel Engine.**Displacement:** 414 Cu. In. (6,8 liter).**Governor:** Mechanical.**Lubrication:** Forced Circulation.**Air Cleaner:** Dry Type.**Oil Reservoir:** 20 U.S. Qts. (19 liter) Dry;
19 U.S. Qts. (18 liter) Refill.**Fuel Tank:** 171 U.S. Gals. (647 liter).**Full Load Operating Time:** 28 Hrs.**Starter:** 12V Electric.**Standard Features:** Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches. Instrument Panel Includes: Tachometer, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Vernier Throttle Control, On/Off Key Switch, and Ammeter. Muffler w/Guard and Weather Cap.

JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Continuous BHP 153 (114 kW) @ 2500 RPM

Maximum Dynamic BHP 170 (127 kW) @ 2500 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

Specifications Subject to Change Without Notice

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