

ACDEU

# Priming Assisted Centrifugal Pump w/Autostart Model PAH3A60-6068H Size 6" x 3"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
173.4	400	480	480	480	480
156.1	360	600	810	840	845
138.7	320	608	882	1000	1040
121.4	280	610	900	1075	1160
104.0	240	610	900	1100	1212
86.7	200	615	900	1100	1221
69.4	160	615	900	1100	1232
52.0	120	615	900	1100	1240
34.7	80	615	900	1100	1240
17.3	40	615	900	1100	1240
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>



**PUMP SPECIFICATIONS**

- Size:** 6" x 3" (152 mm x 76 mm) Flanged.
- Casing:** Ductile Iron 65-45-12.
- Maximum Casing Pressure 260 psi (1793 kPa).\*
- Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100° F (37° C) Based on System Component Limitations.\*
- Enclosed Type, Five Vane Impeller:** Ductile Iron 65-45-12. Handles 1/2" (12,7 mm) Diameter Spherical Solids.
- Suction Head:** Ductile Iron 65-45-12.
- Suction Spool:** 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 Single Ball.
- Thrust Bearing:** Open Double Ball.
- Bearing Cavity Lubrication:** Lithium EP2 Grease.
- 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.\*\*

**Optional Equipment:** Battery. NPT Threaded Flange Kit. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit. High Speed (55 MPH/89 KM/H) Tandem Axle Pneumatic-Tired Wheel Kit w/w/o 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. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15M] Cable Standard, Alternate Lengths Available).

\*\*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 6068H "Power Tech."
- Type:** Six Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.
- Displacement:** 415 Cu. In. (6,8 liters).
- Governor:** Electronic.
- Lubrication:** Forced Circulation.
- Air Cleaner:** Dry Type.
- Fuel Tank:** 130 U.S. Gals. (492 liters).
- Full Load Operating Time:** 22.3 Hrs.
- Starter:** 12V Electric.

**Standard Features:** Low Oil Pressure, High Coolant Temperature and Start Failure Safety Shut Down Switches/Indicators. Throttle Control. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature and Oil Pressure Indicators, Manual/Stop/Auto Key Switch, 10 Amp Fuse, Audible Startup Warning Delay. Muffler w/Weather Cap.

**JOHN DEERE PUBLISHED PERFORMANCE:**  
Maximum Gross BHP (Ind/Hvy Duty)  
173 (129 kW) @ 2400 RPM



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Specifications Subject to Change Without Notice

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