

ACDEU



**Diesel Engine Driven
Priming Assisted Centrifugal Pump
w/Autostart
Model PA14A60-B-6081H
Size 14" x 14"**



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
54.6	126	3200	3200	3200	3200	3200
52.0	120	4300	4300	4300	4300	4300
43.4	100	6500	7000	7000	7000	7000
34.7	80	7000	8400	9200	9200	9200
26.0	60	7000	8450	10,200	10,800	11,100
17.3	40	7000	8450	10,300	11,100	11,900
8.7	20	7000	8450	10,300	11,100	11,900
Suction Lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

- Size:** 14" x 14" (356 mm x 356 mm) Flanged.
- Casing:** Gray Iron. Maximum Operating Pressure 94 psi (646 kPa).*
- Enclosed Type, Six Vane Impeller:** Gray Iron No. 30.
Handles 4" (101 mm) Diameter Spherical Solids.
- Impeller Shaft:** Stress-Proof Stainless Steel.
- Replaceable Wear Rings:** Impeller - Gray Iron No. 30.
Suction Head - Bronze No. C83600.
- Back Plate:** Gray Iron No. 30.
- Bearing Frame:** Gray Iron No. 30.
- Seal:** Mechanical Type w/Run-Dry Oil-Lubrication System. Silicon Carbide Rotating Face. Tungsten Titanium Carbide Stationary Face. Fluorocarbon (DuPont Viton® or Equivalent) Elastomers. Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*
- Shaft Sleeve:** Chrome Plated Stainless Steel No. 416.
- Priming Chamber:** Gray Iron No. 30.
- Discharge Check Valve:** Gray Iron No. 30 Housing w/Buna-N Flapper.
- Radial Bearing:** Single Row Ball.
- Thrust Bearings:** Two Single Row Ball.
Bearing Lubrication: Grease.
- Flanges:** Gray Iron No. 30.
- Gaskets:** Vegetable Fiber, Resistant Synthetic Rubber.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel.
- Seal Oil Reservoir Sight Gauge.**

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

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

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

Optional Equipment: Battery. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).

WARNING!

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

ENGINE SPECIFICATIONS

- Model:** John Deere 6081H.
- Type:** Six Cylinder, Four Cycle, Liquid Cooled Diesel Engine.
- Displacement:** 496 Cu. In. (8,1 liter).
- Governor:** Electronic.
- Lubrication:** Forced Circulation.
- Air Cleaner:** Dry Type.
- Oil Reservoir:** 34 U.S. Qts. (32 liter) Dry;
33 U.S. Qts. (31 liter) Refill.
- Fuel Tank:** 260 U.S. Gals. (984 liter).
- Full Load Operating Time:** 24 Hrs.
- Starter:** 12V Electric.

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

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Continuous BHP 300 (224 kW) @ 2200 RPM



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Specifications Subject to Change Without Notice

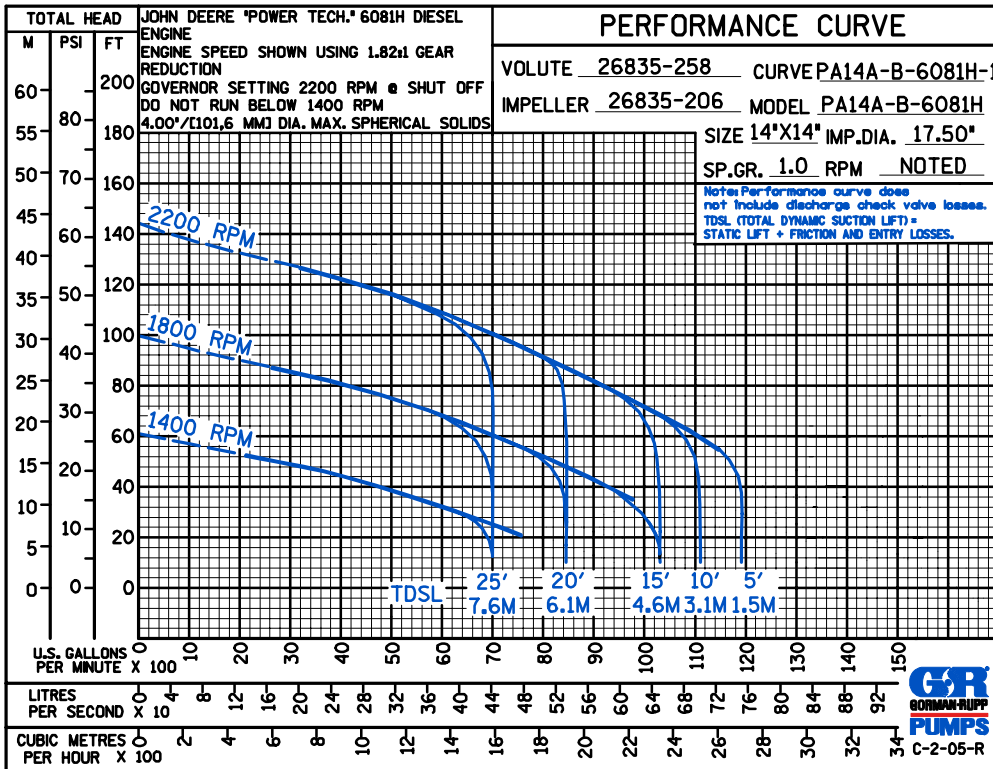
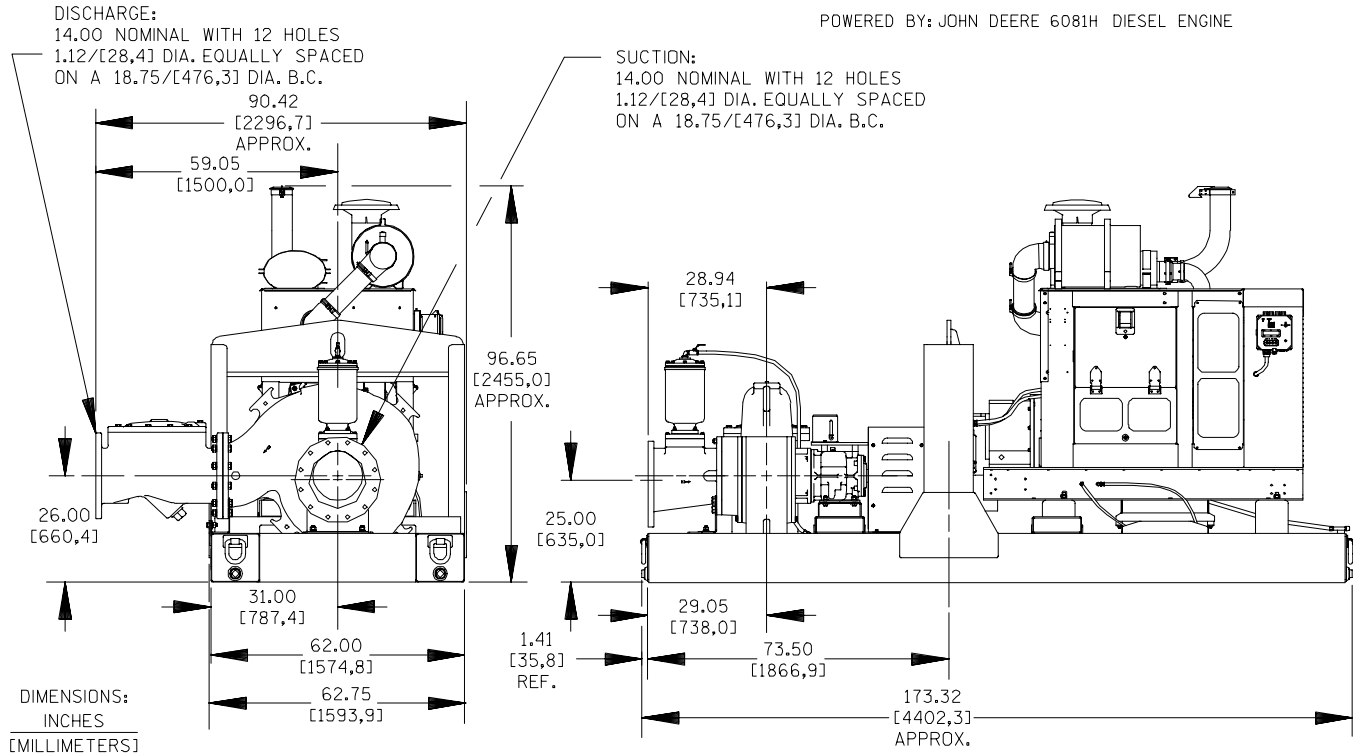
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Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 10,640 LBS. (4826 KG.)
SHIPPING WEIGHT: 10,850 LBS. (4921 KG.)
EXPORT CRATE SIZE: 952 CU. FT. (27 CU. M.)

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