**Pump Specifications**

**Size**: 6” x 4” (152 mm x 102 mm) Flanged.

**Casing**: Ductile Iron 65-45-12.

Maximum Casing Pressure 283 psi (1951 kPa).

*Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100°F (37°C) Based on System Component Limitations.*

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

Handles 3” (76.2 mm) Diameter Spherical Solids.

**Suction Head**: Gray Iron 30.

**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 **/**Stainless Steel Float and Linkage.

**Discharge Check Valve**: Ductile Iron Housing **/**Buna-N Flapper.

**Radial Bearing**: Open Roller.

**Thrust Bearing**: Open Double Ball.

**Bearin Cavity Lubrication**: Lithium EP2 Grease.

**Gaskets**: Vegetable Fiber, Compressed Synthetic Fibers and Buna-N.

**C-Rings**: Buna-N.

**Hardware**: Standard Plated Steel.

**Seal Cavity Oil Level Sight Gauges**.

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

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


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

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**ENGINE SPECIFICATIONS**

**Model**: John Deere 6068HFC08.

**EPA Tier**: Final Tier 4.

**Type**: Six Cylinder, Charge-Air Cooled Diesel Engine. Enclosed. With Air Compressor.


Lubrication: Forced Circulation.

Air Cleaner: Dry Type.


Full Load Operating Time: 12 Hrs.

Starter: 12V Electric.

**Standard Features**: Muffler **/**Guard and Weather Cap, DOC/DPF and SCR Exhaust After-Treatment System.

Optional: Electronic Fuel Level Sensor.

**Engine Control Features**: Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Manual/Stop/Auto Key Switch. Audible Startup Warning Delay, Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).

**JOHN DEERE PUBLISHED PERFORMANCE**:

Maximum Gross BHP (Intermittent) 250 (187 kW) @ 2400 RPM
Specification Data

APPROXIMATE
DIMENSIONS and WEIGHTS

SECTION 43, PAGE 218

NET WEIGHT:
6040 LBS. [2740 KG.]

SHIPPING WEIGHT:
6300 LBS. [2858 KG.]

EXPORT CRATE SIZE:
581 CU. FT. (16.5 CU. M.)

NET WEIGHT: 6040 LBS. [2740 KG.]
SHIPPING WEIGHT: 6300 LBS. [2858 KG.]
EXPORT CRATE SIZE: 581 CU. FT. (16.5 CU. M.)

SUCTION:
6.00 NOMINAL WITH
8 HOLES .88/22.4 DIA
EQUALLY SPACED ON A
7.50/190.5 DIA B C

DISCHARGE:
4.00 NOMINAL WITH
8 HOLES .75/19.0 DIA
EQUALLY SPACED ON A
9.00/241.3 DIA B C

POWERED BY A JOHN DEERE 6068H TIER 4 DIESEL ENGINE

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