

6" PRIME ASSISTED

High Head Solids Handling Pump

Our 6" solids handling jet pump is designed for high flows to 2,000 gpm and heads to 472 feet. Our quick self-priming pump eliminates the need for a waste hose and the need to fill up the pump housing with water to obtain prime. It also prevents discharge of pumping effluent onto the ground.



Features

John Deere 6068HF485-225 engine

Fully automatic, dry priming to 25 feet

High head to 472 feet

Maximum flows to 2000 gpm

Solids handling to 3"

Emergency engine shutdown button

Specification

Fuel tank capacity: 140 US Gallons

Fuel consumption: 10.72 gph @ 2,000 rpm

Maximum operating speed: 2,000 rpm

Maximum operating temperature: 200 degrees F

Maximum operating pressure: 140 psi

Maximum working pressure: 205 psi

Maximum suction lift: 28 feet

Impeller: 17.5" diameter

Engine Specifications

Engine: John Deere 6068H, 203hp@ 1,800 rpm

Type: 6-cylinder, in-line, 4-cycle, water-cooled, turbo-charged, direct-injected, Tier III diesel

Displacement: 548 cubic inches

Fuel Economy:

- + .347 lb/hp-hr @ 2000 rpm
- + .347 lb/hp-hr @ 1800 rpm
- + .351 lb/hp-hr @ 1600 rpm

Maximum operating time:

- + 13 hours @ 2,000 rpm
- + 14 hours @ 1,800 rpm
- + 18 hours @ 1,600 rpm

Vacuum Pump Specifications

Vacuum pump: Dry, rotary claw, air cooled, oil less, direct drive (5.4 hp)

Casing: 30 cast iron

Maximum operating temperature: 200 degrees F

Maximum working pressure: 15 psi

Maximum suction lift: 28 feet

Air handling capacity: 97 SCFM

Construction

Pump casing: 30 cast iron

Impeller: Dynamically balanced, non-clogging, enclosed, CD4MU with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life.

Mechanical Seal: Dry-running, grease or oil lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. All other components are 304 stainless steel and viton.

Head: 30 cast iron with tapered bore design

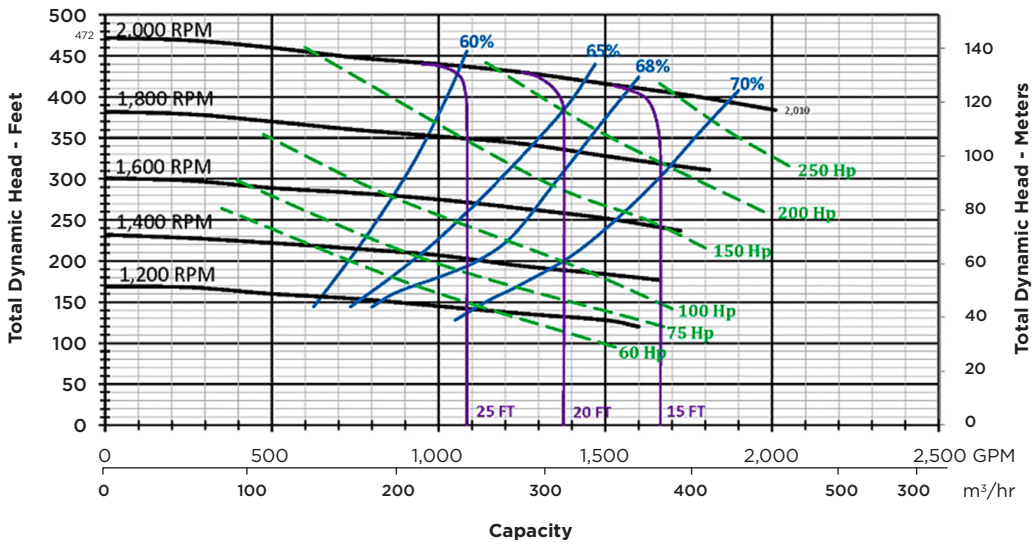
Bearing and Frame: 30 cast iron, heavy duty grease lubricated

Suction wear ring: Replaceable, class 30 cast iron

Shaft: 17-4 pH stainless steel and fitted with a renewable 416 stainless steel shaft sleeve

**Photos are representational; actual products vary. Additional product plans and specifications may vary from those shown and are subject to in-stock availability.*

6" Pump High Head Performance Curve



*Some details not shown in all views. Overall dimensions are normal.

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