

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.



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

Features

John Deere 4045HF285-115 engine
 Fully automatic, dry priming to 28 feet
 High head to 330 feet
 Maximum flows to 1360 gpm
 Solids handling to 3"

Specifications

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

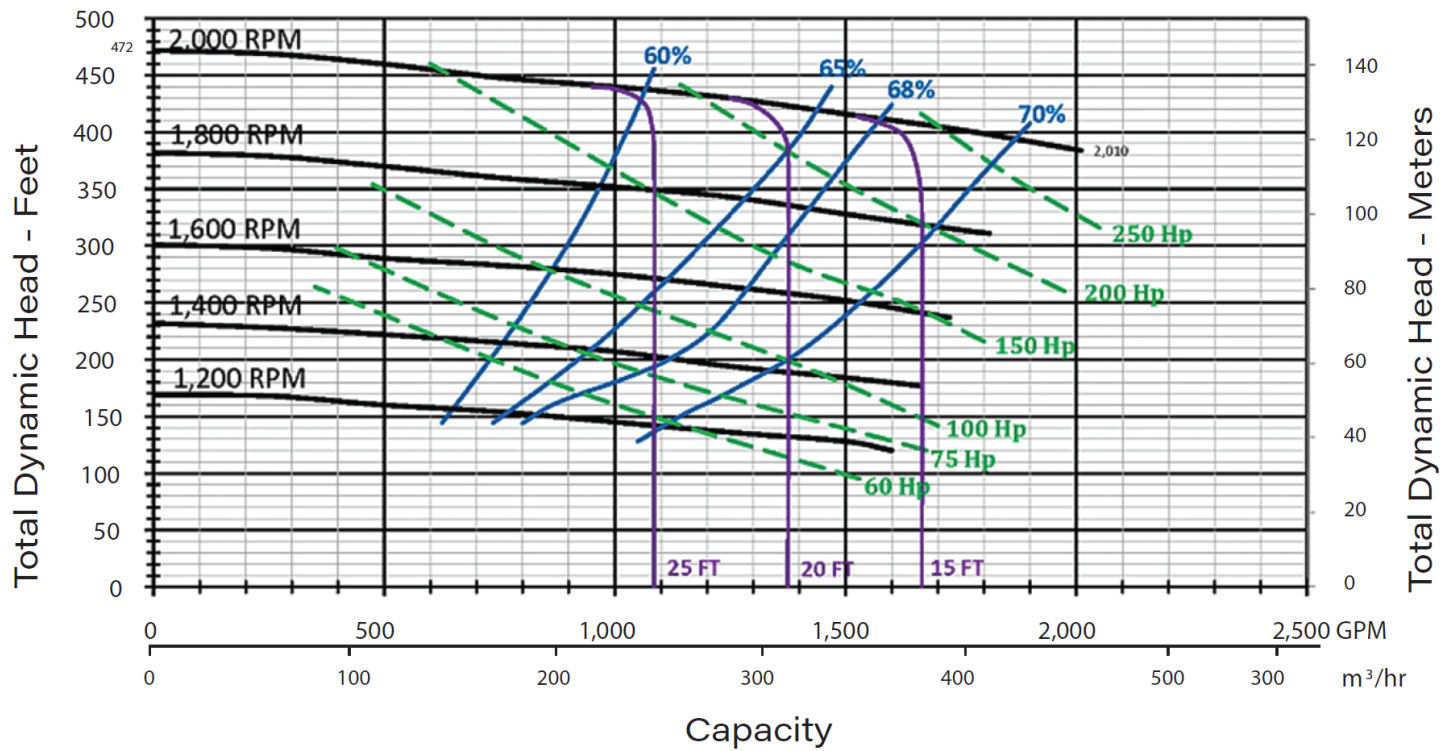
Bearing and Frame: 30 cast iron, heavy duty grease lubricated
 Suction wear ring: Replaceable, class 30 cast iron
 Shaft: 17-4 pH stainless steel and fitted with a renewable 416 stainless steel shaft sleeve



We proudly provide specialty-containment and waste-management solutions, with industry-leading service, safety, access and integrity.

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6" High Head Pump Performance Curve



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

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