

## Self-Priming Pump - 6 Inch 173-HP

### MODEL #

6-Inch DSP/HD 6000 173-HP Self Priming Pump

### STANDARD CONFIGURATION

- 6-Inch EDDY Pump
- 173-HP John Deere Diesel Engine
- 12k Dual Axle Trailer w/ 16" 10ply Trailer Tires & Electric Brakes
- 160 Gallon Fuel Cell w/ Fuel Cap Risers
- 2 5/16 Coupler with 5 position channel adjustment
- Check Valve in diaphragm prime line/ 1/2" ball valve on centrifugal pump for draining
- Over the Road Light Package
- Accessories: Integrated Lifting Bell, Dual 8k Leveling Jacks, Work Light, Flow Gauge & 4 D-Ring Tie Downs



\*Typical Deployment Photo. Dredge pumps can be deployed vertically or horizontally. Photos for general guidance. Contact us for further details.

### PUMP SPECS

MIN FLOW	450 GPM
MAX FLOW	2000 GPM
HEAD RANGE	Up to 200 ft
DISCHARGE SIZE	6 inch
SUCTION SIZE	8 inch
SOLIDS HANDLING	Solids up to 5 inches
MAX SPEED	1800 RPM
PERCENT SOLIDS	Up to 40-70% Solids

### PARTS

### STANDARD MATERIALS

ROTOR	High Chrome 28%, Ductile Iron, Stainless Steel, Duplex Stainless - Various sizes and custom metals available.
VOLUTE CASING	High Chrome 28%, Ductile Iron, Stainless Steel, Duplex Stainless - Custom metals available.
SHAFT	Chromoly or Stainless Steel
MECHANICAL SEAL	Dual Tungsten or Silicon Carbide Mechanical Seal with Self Contained Seal Flushing System
BEARING HOUSING	Ductile Iron or Stainless Steel

### ENGINE SPECS

- 173-HP (129kW) Tier III John Deere Diesel Engine - Model 6068HF285 - 2200 RPM
- Liquid Cooled, 12 Volt Power In-Line 6 Cylinder, 4 Cycle Turbo Charge
- Electronic Fuel System
- Murphy Digital Instrumentation, ECU w/ de-rates and shutdowns
- 2 Year 2000-Hour Warranty

### ENGINE PERFORMANCE DATA

Engine Speed (rpm)	2400	2200	2000	1800	1600	1400	1200	1000
Power (hp)	200	200	193	183	172	152	127	103
Torque (lb-ft)	437	477	506	535	564	572	557	542
BsFC (lb/hp-hr)	0.375	0.371	0.374	0.37	0.374	0.36	0.357	0.364
Fuel (gph)	10.6	10.5	10.2	9.5	9.1	7.7	6.4	5.3

WE PUMP SOLIDS, NOT WATER

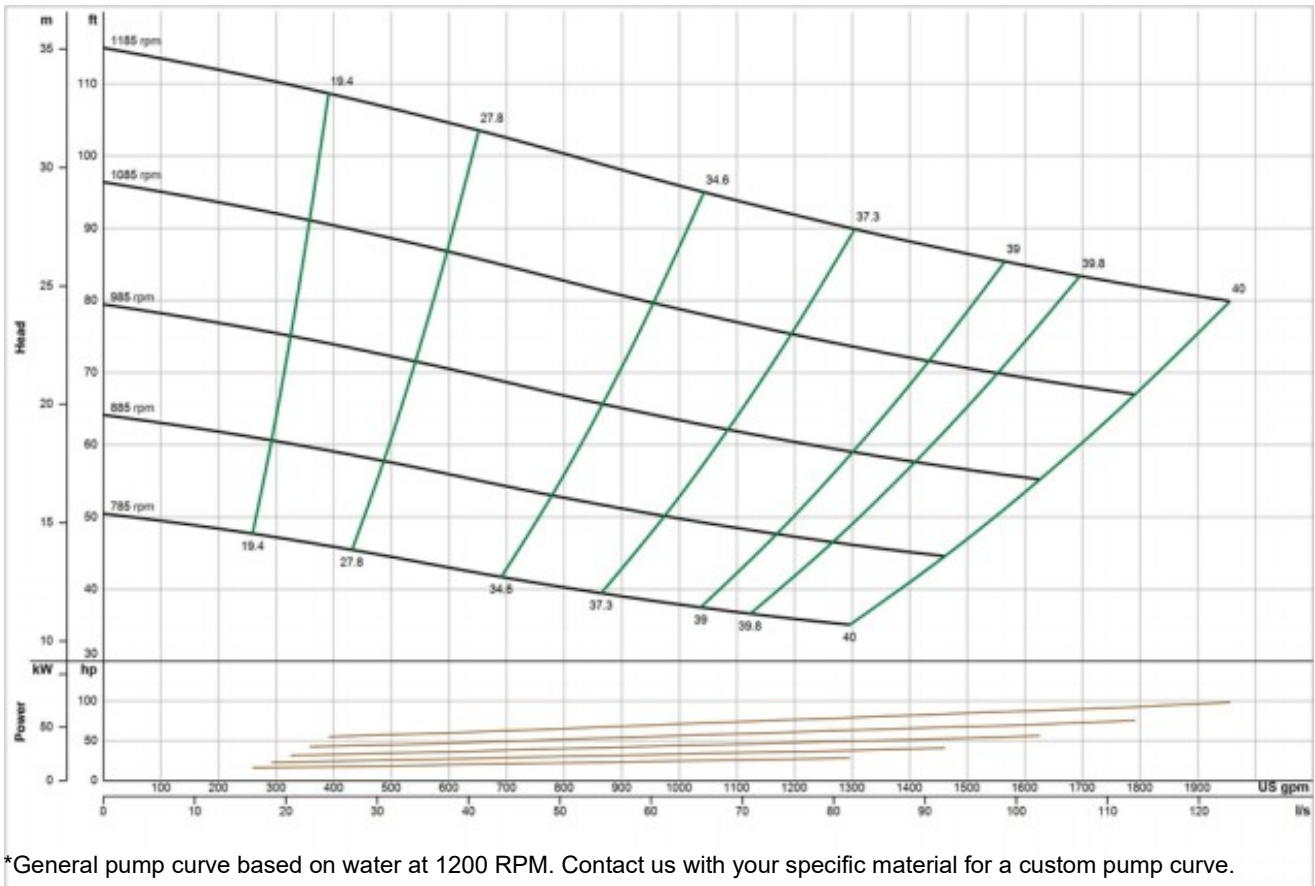


## PUMP CURVE

A pump curve is a graphical representation of a pumps ability to produce flow against a certain head. The science is matching a curve that is accurate for your project, leading to the proper pump selection and best efficiency.

**EDDY Pumps** are primarily used for high solids, slurry, sludge, and dewatering.

### EDDY Pump - 6 Inch - Pump Curve



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**CONTACT US**



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