

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

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

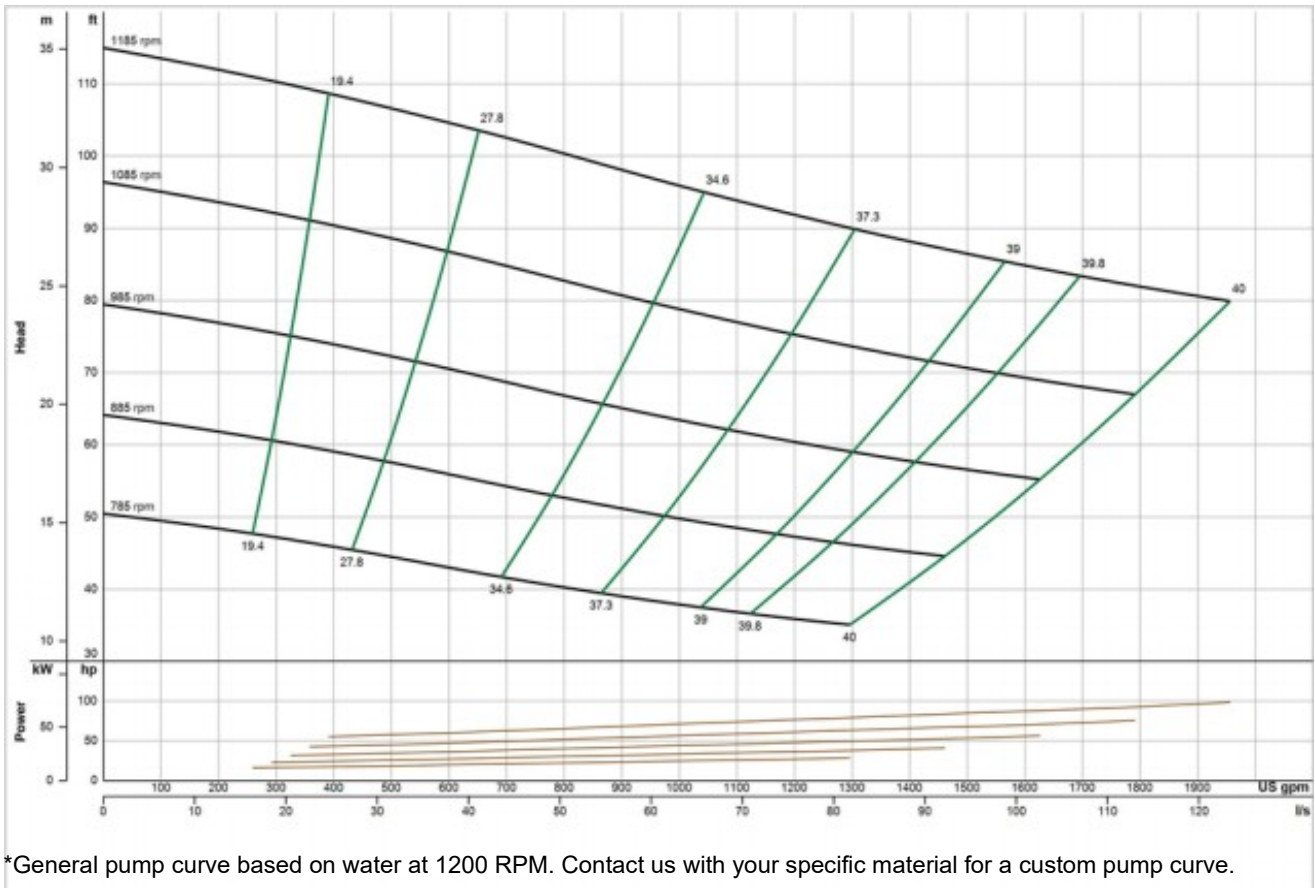


PUMP CURVE

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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