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## Heavy Duty Slurry Pump – 5-Inch (6x5)

### MODEL #

HD 5000 (6" Suction x 5" Discharge)

### OPERATING LEVELS

<b>MIN FLOW</b>	400 GPM
<b>MAX FLOW</b>	1800 GPM
<b>HEAD RANGE</b>	Up to 225 ft
<b>DISCHARGE SIZE</b>	5 inch
<b>SUCTION SIZE</b>	6 inch
<b>SOLIDS HANDLING</b>	Solids up to 4 inches
<b>MOTOR SPEED</b>	1800 RPM
<b>PERCENT SOLIDS</b>	Up to 40-70% Solids
<b>PRODUCTION RATE</b>	100-175 yd <sup>3</sup> /hr



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

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

**EDDY Pump Heavy Duty Slurry Pumps** are non-clog pumps designed for high solids industrial pumping applications. Our patented pump technology outperforms all centrifugal, vortex and positive displacement pumps in a variety of the most difficult pumping applications.

Available in alternative power options and pump sizes depending on your application.

#### Applications

- Mining
- Chemical
- Sand & Agg
- Oil and Gas
- Paper & Pulp
- Fly Ash & Coal Ash

#### Features and Benefits

- Non-Clog, High Viscosity, High Specific Gravity, High Abrasives, Low pH Pumping Design
- Transport 40-70% Solids
- Ability to pump objects of up to 12-inches in diameter with 12-in pump

#### Fluid Pumped

- Sludge
- Slurry
- Drilling Mud
- Mine Tailings
- Grit
- Sand Mixtures

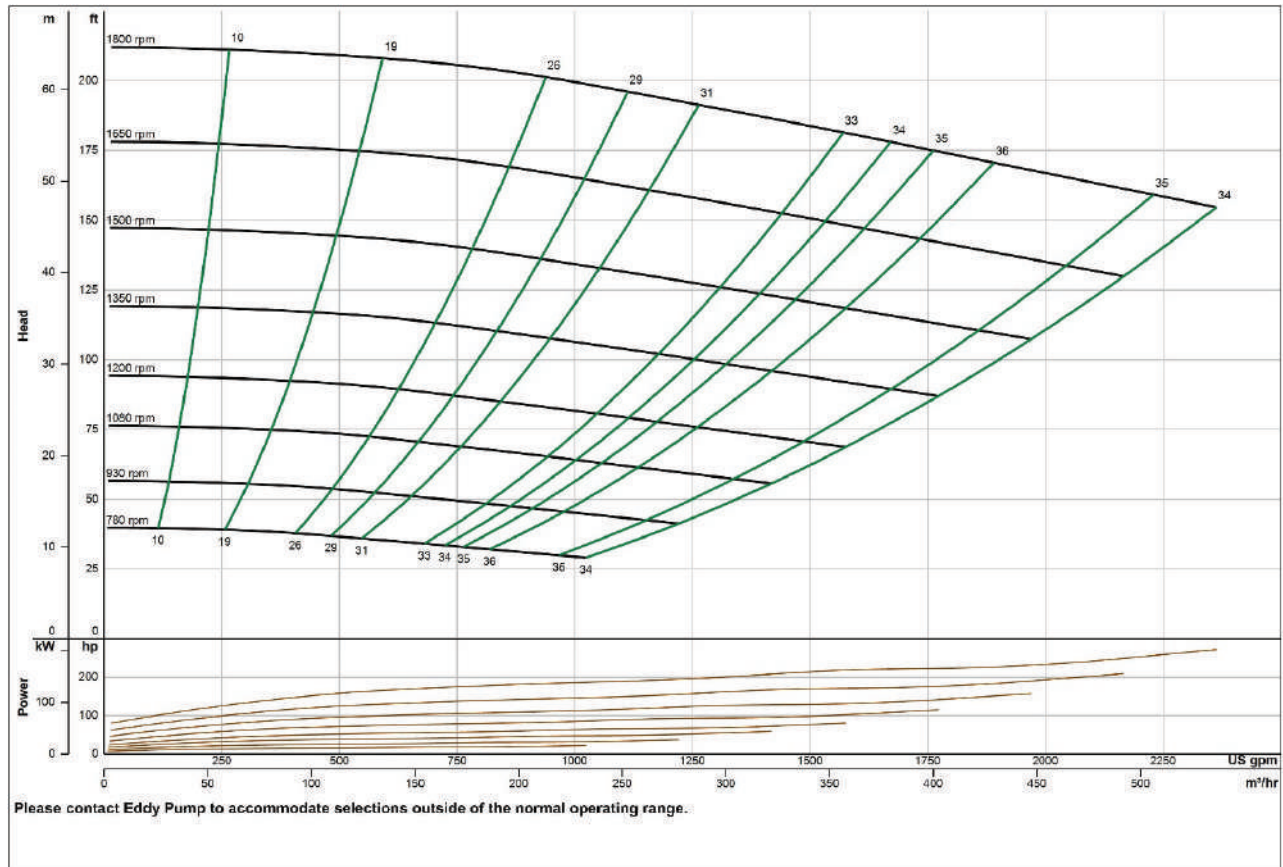
WE PUMP SOLIDS, NOT WATER



## 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 - 5 Inch HD 5000 Heavy Duty Slurry Pump - Pump Curve**



\*General pump curve based on water with 1800 RPM motor. Contact us with your specific material for a custom pump curve.

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**CONTACT US**



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