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Heavy Duty Slurry Pump – 1-Inch

| MODEL # |
|---------|
| HD1K |

| OPERATING LEVELS | |
|------------------|--------------------------|
| MIN FLOW | 1 GPM |
| MAX FLOW | 200 GPM |
| HEAD RANGE | Up to 170 ft |
| DISCHARGE SIZE | 1 inch |
| SUCTION SIZE | 1.5 inch |
| SOLIDS HANDLING | Solids up to 0.75 inches |
| MOTOR SPEED | 1800 RPM, 3600 RPM |
| PERCENT SOLIDS | Up to 40-70% Solids |
| PRODUCTION RATE | 0-15 yd ³ /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 SLEEVE | Stainless Steel |
| MECHANICAL SEAL | Tungsten or Silicon Carbide Mechanical Seal with Self Contained Seal Support System |
| MOTOR MOUNT | 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

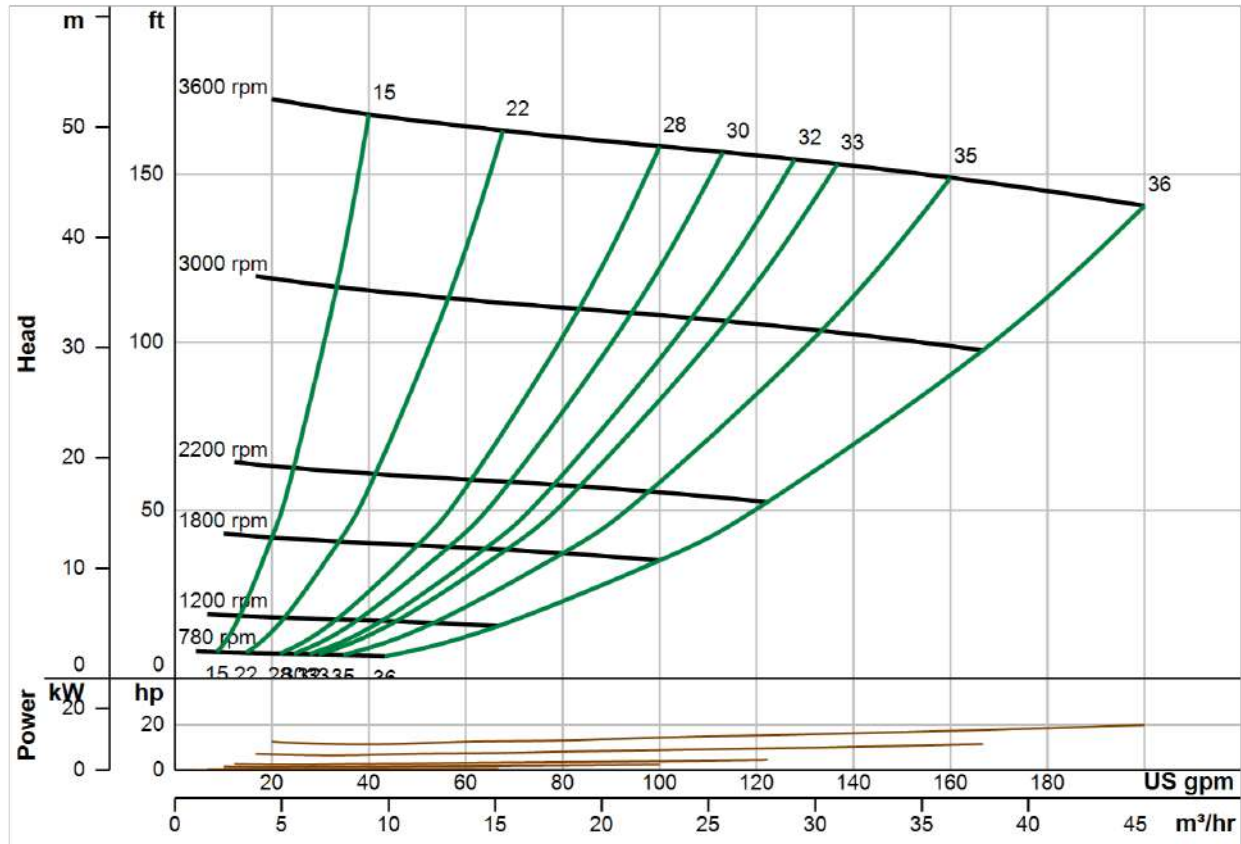
WE PUMP SOLIDS, NOT WATER



PUMP CURVE

A pump curve is a graphical representation of a pump's 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 - 1 Inch HD1K Heavy Duty Slurry Pump - Pump Curve



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

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CONTACT US



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