

HDS 125

Hydraulic Submersible Dredge Pump

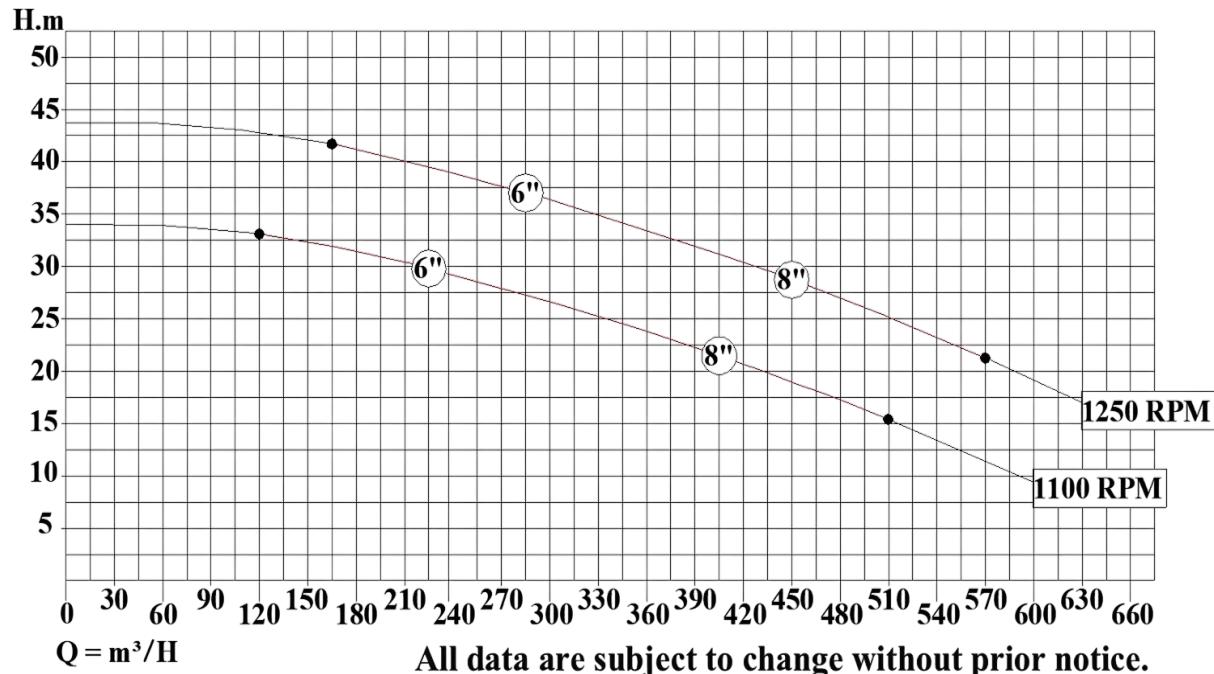
The HDS 125 is a hydraulic submersible dredge pump designed for medium to high production dredging in abrasive slurry applications. It is commonly used for excavator-mounted dredging, port maintenance, mining and land reclamation projects.

Key Technical Data

Parameter	Value
Typical flow range	120 – 650 m ³ /h
Maximum head	Approx. 42 m
Discharge size	6" / 8"
Typical operating speed	1000 – 1150 RPM
Application type	Sand, gravel, abrasive slurry

Hydraulic Performance

Based on clean water performance curves, the HDS 125 operates optimally in the mid-curve region where production, wear life and energy efficiency are balanced. Final operating points depend on slurry density, solids concentration, particle size distribution (PSD) and pipeline configuration.



Typical Applications

- Port and waterway dredging
- Sand and gravel mining
- Land reclamation projects
- Excavator-mounted dredging systems

All data are indicative and subject to change without prior notice. Final pump selection must be confirmed by HDS Belgium based on actual operating conditions.

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