

HH200 HS

Maximum performance and efficiency for
high head dewatering and slurry



High Quality

Pumps from STP are manufactured using the best quality materials.

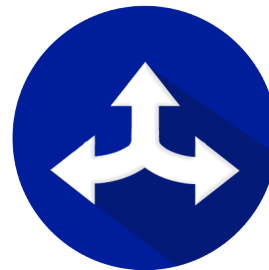
They are made to be highly resistant from corrosion and abrasion.



Cost Efficient

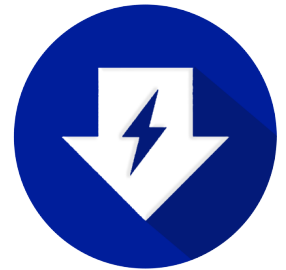
Our pumps are easy to operate and maintain.

Its robust construction and dry running capability means they're durable, reliable and cost less over their life cycle.



Multi Purpose

Our pumps can be used for numerous applications such as dewatering, slurry removal, dredging and other fluid transfer applications.



Optimal Power Utilization

Our pumps are equipped with the highest quality engines.

Making it operate at optimum efficiency point with lower power consumption.

- ✓ High performing, low cost, easy to use pump for your operations.
- ✓ Able to be used as a main pump or a booster pump according to request.

Application:

- **High head dewatering and slurry**
- Pipeline testing & cleaning
- Water boosting
- High volume jetting
- Temporary fire pumps

Engine Option

Caterpillar C27 Acert

Specification

Max Flow Rate : 1000 m³ / Hr
 Shut Off Head : 172 m
 Max Solid Size : 60 mm
 pH Range : 3-7

Seal

2 (Two) Rings Gland Packing

Pump Material

Casing : High Chrome White Cast Iron-JN3049-EN12513
 Impeller : High Chrome White Cast Iron-JN3049-EN12513
 Expeller : High Chrome White Cast Iron-JN3049-EN12513
 Shaft : Steel-1.1191-EN10083

High-chromium white cast iron for wear resistant pumps. Our pumps offer latest in wear technology with usage of high-performance materials with excellent resistance to abrasion and corrosion.

Digital Monitoring System*

Our pumps are equipped with the latest technology to help you track and measure what matters most.



HMI (Human Machine Interface)

Benefits

- Visually display data
- Track production time, trends, and tags
- Oversee KPIs
- Monitor machine inputs and outputs

Data Monitoring

- Pump status on/off
- Pump Rpm
- HM Unit
- Engine Oil Temperature
- Coolant Temperature
- Inclination
- Etc

NO	DESCRIPTION	MAIN PUMP	BOOSTER PUMP	REMARKS
1	Lean Angle Sensor	✓		15° RH↔LH & Front↔Rear
2	Suction Pressure Sensor		✓	2 Bar
3	Discharge Pressure Sensor	✓	✓	8,5 Bar
4	Bearing Vibration Sensor - Rear	✓	✓	18 mm/Sec
5	Bearing Vibration Sensor - Front	✓	✓	18 mm/Sec
6	Water Lose / Dry Running Sensor	✓	✓	50% x Ø
7	Shaft Sleeve Temperature Sensor	✓	✓	80° C
8	Bearing Temperature Sensor - Rear	✓	✓	90° C
9	Bearing Temperature Sensor - Front	✓	✓	90° C

These parameters are measured from our safety device and monitored by computerized systems.

All parameters can also be **monitored** from control room **via mobile phone**.

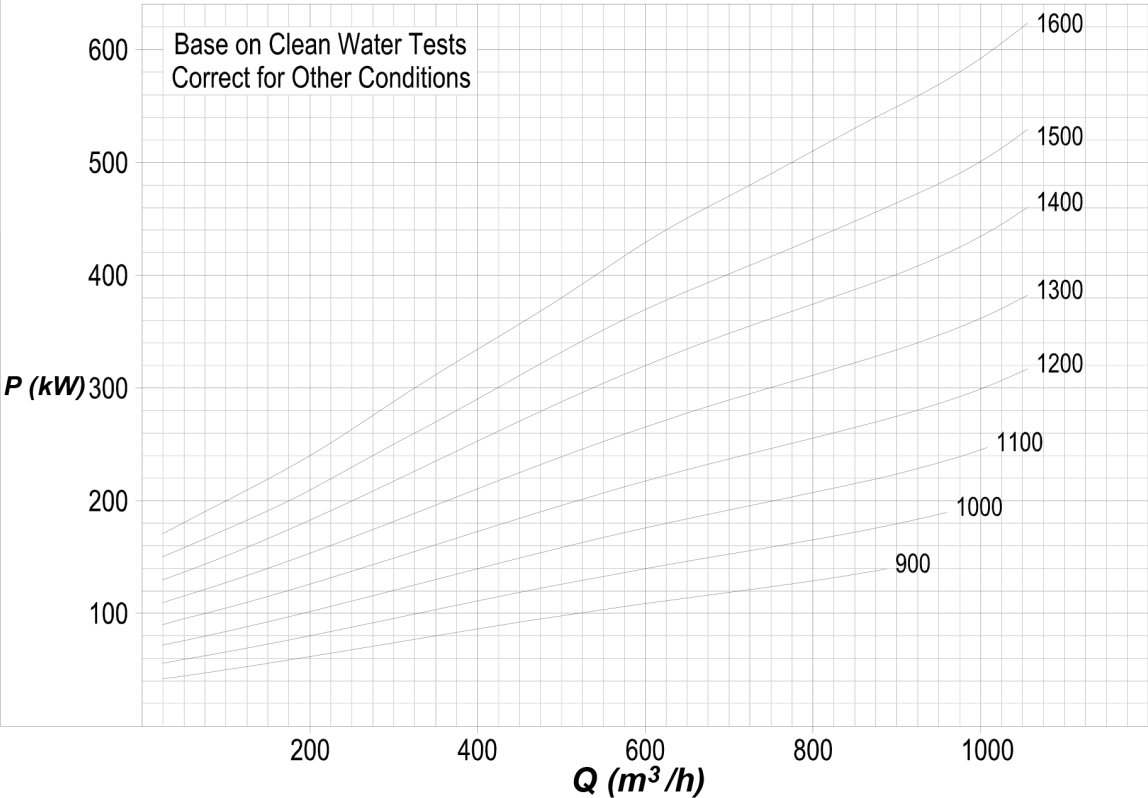
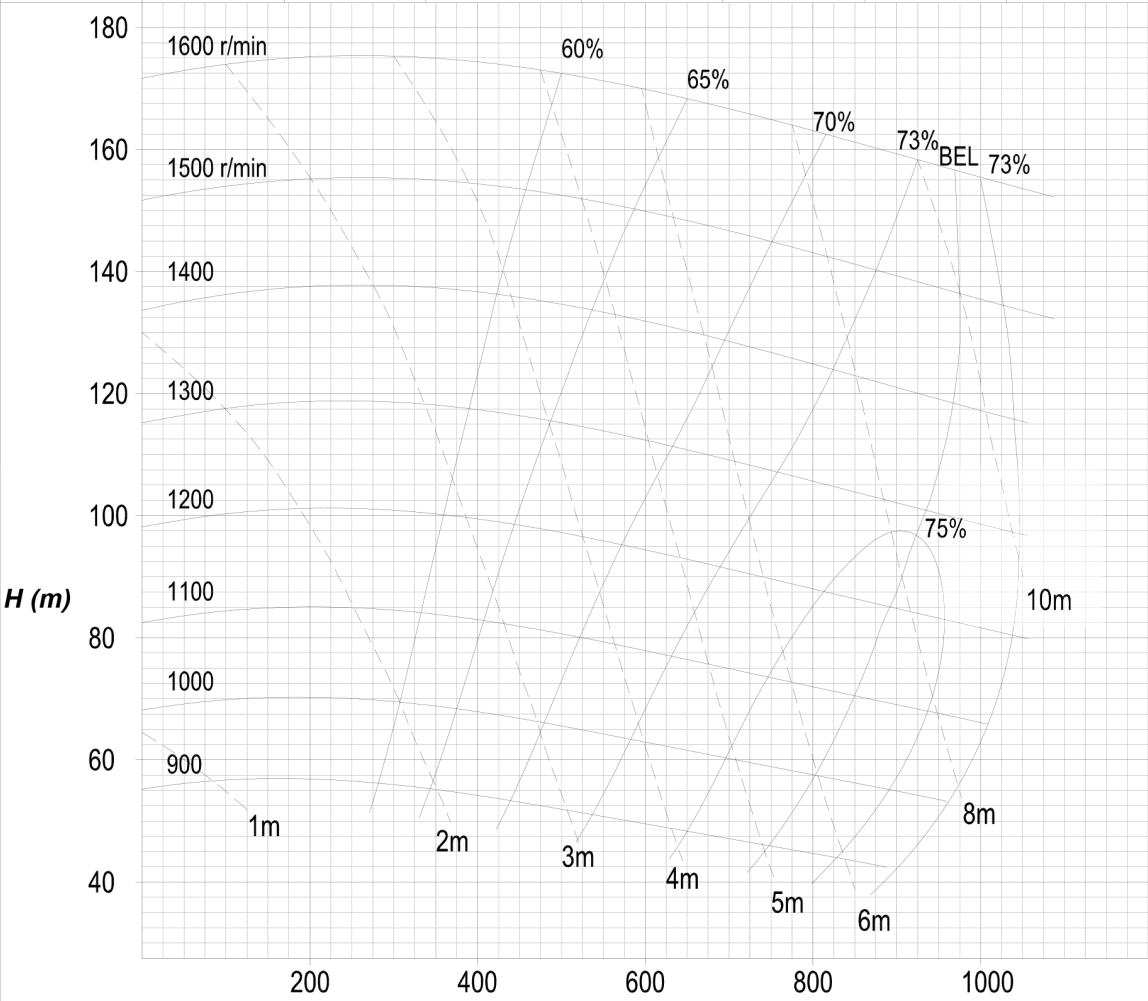
*as optional

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Performance Curves



Full Impeller Dia.	Vane Diameter	Vane Config.	Impeller Type	No. Of Vane	Max. Sphere	Impeller Material	Liner Material
600 mm	600 mm	Full	Closed	5	60 mm	Metal	Metal



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