

# HH200EM-S22

High tech & eco-friendly pump that excel in efficiency and durability



## High Quality

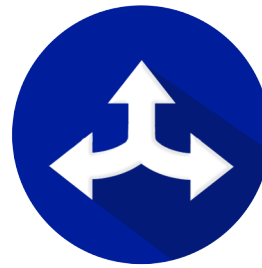
Pumps from STP are manufactured using the best quality materials.

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



## Cost Efficient

Our electric pump is a great long term investment because it requires less operating and maintenance costs compared to diesel engines.



## Multi Purpose

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



## More Eco-friendly

Not only it will reduce life cycle cost, our electric pumps also produce much less emission by significant amount.

Save cost. Save the planet.



- ✓ Environmentally Friendly Pump with comprehensive control system and superior performance. Perfect investment for the long run.
- ✓ Able to be used as a main pump or a booster pump according to request.

#### Application:

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

#### Specification

Max Flow Rate : 950 m<sup>3</sup> / Hr  
 Shut Off Head : 200 m  
 Max Solid Size : 50 mm  
 pH Range : 3-12

#### Seal

Mechanical Seal Sic-Tungsten-FKM-304

#### Electric Motor

Merk : ABB  
 Type : M3BP 400LB 4  
 Power Output : 630 kW  
 Rated Voltage : 400 V  
 Enclosure : IP 66  
 Insulation Class : H

#### Inverter

Merk : ABB  
 Type : ACS880-04XT-1190A-3  
 Power Output : 630 kW  
 Max Output Current : 1190A

#### Pump Material

Casing  
 High Chrome / Stainless Steel 304 / Stainless Steel DF4MCu  
 Impeller  
 High Chrome / Stainless Steel 304 / Stainless Steel DF4MCu

## 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

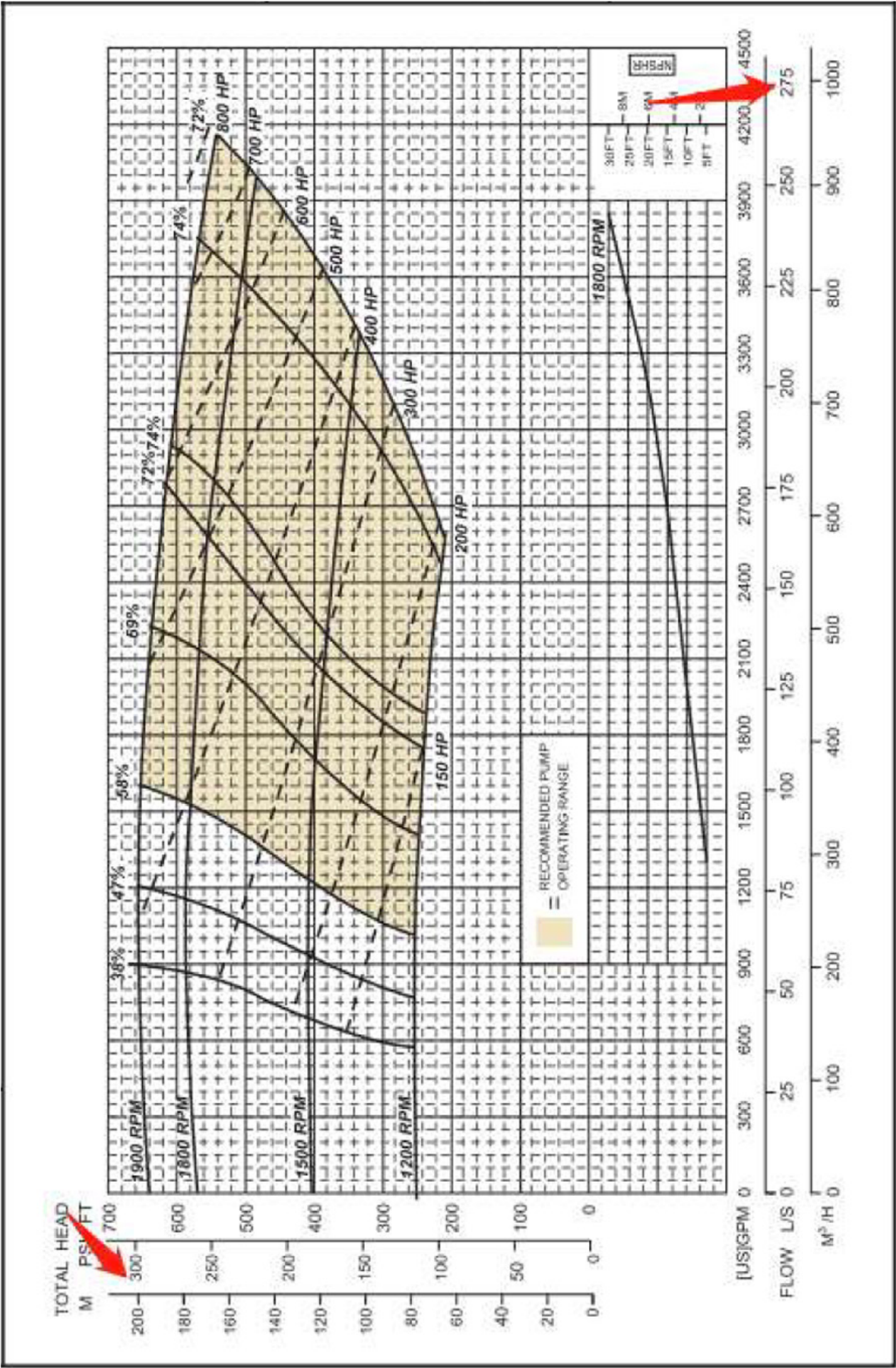
- Pump status on/off
- Pump Rpm
- HM Unit
- Engine Oil Temperature
- Coolant Temperature
- Inclination
- Etc

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**.

HH200EM-S22  
Performance Curves





# PT SEJAHTERA TRIDAYA PRIMA

Plaza Aminta 2<sup>nd</sup> Floor Suite 202  
Jl. Let. Jend. TB. Simatupang Kav. 10  
Jakarta Selatan 12310  
Indonesia

 [stp-pumps.com](http://stp-pumps.com)

For more information,  
please contact us at:  
**[info@sejahtera-eng.com](mailto:info@sejahtera-eng.com)**

