

SUBMERSIBLE ELECTRICAL SLURRY PUMP

SPSL506SH-6P

50 HP (37.2 Kw)

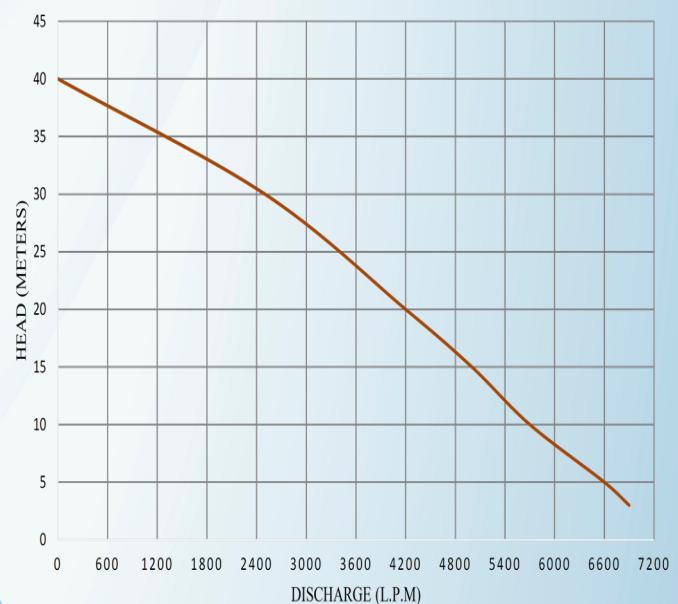
6" (150 mm) Discharge

TECHNICAL DETALS

Pump Type	: SLURRY
Connection Type	: DOL
Number of Poles	: 6
No. Of Stages	: 1
Motor Rating (Kw/HP)	: 37.2/50
Voltage (V)	: 415
Phase	: 3
Maximum Current (A)	: 65
Rated Speed (rpm)	: 960
Frequency (Hz)	: 50
Motor Insulation Class	: H
Max. Start/Stop per hour	: 15
Max. Temp. of pumped Fluid	: 40 °C
Motor Type	: WATER COOLED
Total Head (m)	: 40
Discharge (LPM)	: 6900
Delivery Size (mm)	: 150
Pump Weight (Kg)	: 975
Solid Handling (mm)	: 40



PERFORMANCE CURVES



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APPLICATIONS

- ⇒ General slurry duties
- ⇒ Harbour construction
- ⇒ Ash transfer
- ⇒ Mine waste pumping
- ⇒ Slit removal
- ⇒ Coal runoff sumps
- ⇒ Sand and gravel pumping
- ⇒ Food waste pumping
- ⇒ Barge and tank clean out
- ⇒ Lime slurry

CONSTRUCTION

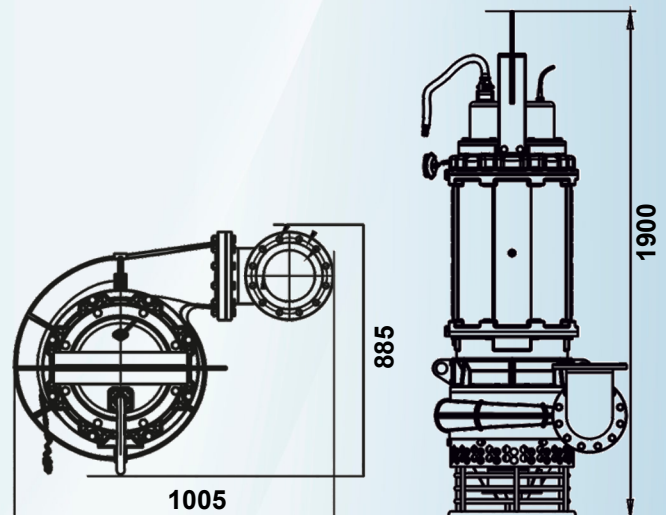
- ◇ Dual class winding - IP 68
- ◇ Heavy duty bearings
- ◇ 4 core 35 sq. mm x 10 m (length) Cable
- ◇ High Chrome (27 %) - Impeller, Agitator, Wear Plate
- ◇ SS 304 Fasteners
- ◇ NBR/ Viton - all 'O' Rings and Gasket.

* *Volute available in High Chrome 27 % (Optional)*

FEATURES

- * Solid to Slurry
- * High Chrome alloy steel Impeller / Agitator / Wear Plate
- * Moisture Sensor to Protect motor winding.
- * Temperature sensor to protect the motor.
- * Max. pump submergence up to 40 meter.
- * Lip seal technology
- * SS 431 Rotor Shaft

The pump can handle up to 2.65 sp. gravity of solid & 70% by weight CW.
This is subject to d50 values and calculation as per HI recommendation slurry pump selection procedure.



Agitator

Each pump is fitted with a high Chrome alloy steel Agitator to assist with the reduction of solid to slurry and which prevents clogging of the inlet of pump.

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**SPSL506SH-6P
SECTIONAL DRAWING**

