



SUBMERSIBLE ELECTRICAL SLURRY PUMP

SPSL104S

10 HP (7.5 Kw)

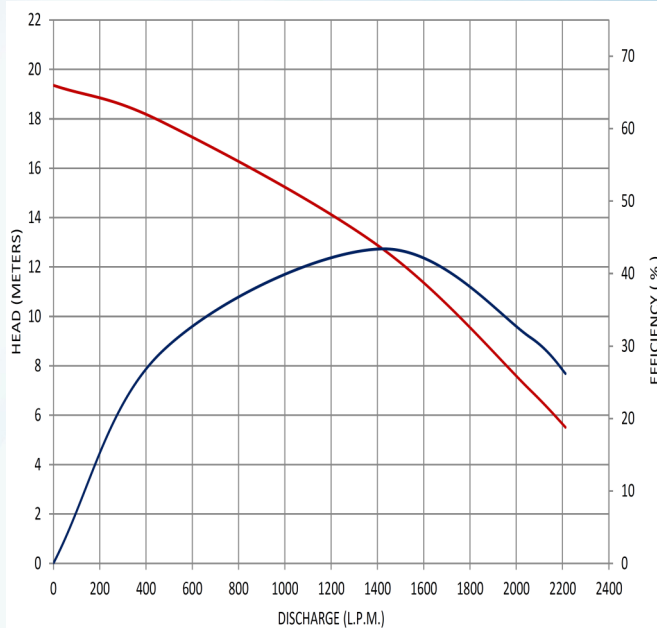
4" (100 mm) Discharge

TECHNICAL DETAILS

Pump Type	: SLURRY
Connection Type	: DOL
Number of Poles	: 4
No. Of Stages	: 1
Motor Rating (Kw/HP)	: 7.5/10
Voltage (V)	: 415
Phase	: 3
Maximum Current (A)	: 16
Rated Speed (rpm)	: 1450
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)	: 19.3
Discharge (LPM)	: 2210
Delivery Size (mm)	: 100
Pump Weight (Kg)	: 130



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
- ◇ HO7RNF Cable 4 Core x 6 Sq. mm x 10 m (Length).
- ◇ High Chrome (27 %) - Impeller, Agitator & Wear Plate
- ◇ Ductile iron Volute hardened to 17 to 22 HRC
- ◇ SC/SC Mechanical Seal
- ◇ SS 304 Fasteners
- ◇ NBR/ Viton - all 'O' Rings and Gasket.

FEATURES

- * Solid to Slurry
- * High Chrome alloy steel Impeller / Agitator / Wear Plate
- * Prevents Clogging
- * Max. pump submergence up to 15 meter.



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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SPSL104S - SECTIONAL DRAWING

