

SUBMERSIBLE ELECTRICAL SEWAGE PUMPS

SUBMERSIBLE PORTABLE INSTALLATION (S TYPE) AND SUBMERSIBLE PERMANENT INSTALLATION (P TYPE)

SPS107SH/PH

10 HP (7.5 Kw)

4" (100mm) Hose
(Flange - Optional)

TECHNICAL DETAILS

MECHANICAL SEALS

Tandem TC/TC mechanical seals enclosed in pressure compensated oil chamber.

BEARINGS

Upper bearing : Single row, deep groove ball bearing.
Lower bearing : Double row, angular contact bearing.

POWER CABLE

Cable Size : 4 core 4.0 sq.mm + 2 core 1.0 sq.mm
Cable Length : 15 meters
EPR insulated, water and oil proof copper conductor flexible cable.

IMPELLER

Type : Single Channel
Material : C.I. IS210 FG 260

STANDARD MOC

Pump Casing : C.I. IS 210 FG 260
Rotor Shaft : SS 431
Hardware : SS 304
"O" Rings : Nitrile Rubber
Mech. Seals : TC/TC

MOTOR (DOL START)

continuous rated, 4-pole induction motor with squirrel cage rotor.

Frequency (Hz) : 50
AC Supply (Phase) : 3
Voltage (V) : 415
Speed (RPM) : 1450
Power Rating (Kw) : 7.5
Current Rating (FL) (Amp) : 16
Max. Temperature of Pumped Fluid (°C) : 40
Max. Starts/Stop Per Hour : 15

PUMP DIMENSIONS

Pump height (mm) : 840
Pump Width (mm) : 715

PUMP WEIGHT

(S - Type) Approx. without cable (Kg) : 185
(P - Type) Approx. without cable (Kg) : 250

PUMP SUBMERGENCE

Pump submergence below Fluid level maximum 10 meters.

SOLID HANDLING CAPACITY : 75 mm

SURFACE TREATMENT

Primer with Epoxy and black choleric paint for long life.



PERFORMANCE CURVES

