

**SPNC63M
6 HP (4.5 Kw)**

4"(100mm) Hose
(Flange / NPT / BSP - Optional)

**SUBMERSIBLE ELECTRICAL
NON CLOG / SLURRY PUMP
FOR ABRASIVE APPLICATION
AND CORROSIVE APPLICATION**



DESIGN ADVANTAGES

- Options for Impeller MOC:
 - a) For abrasive and corrosion resistance application impeller are in ASTM A217 Gr. CA15 (SS 410)
 - b) For Sea water and corrosive application impeller available on request in ASTM A351 Gr. CF8M (SS 316)
- SS 304 Pump Volute, Hardware, Aluminium Outlet and SS 431 Rotor Shaft.
- Tandem TC/TC mechanical seals enclosed in pressure compensated oil chamber.
- Thermal Cutouts are imbedded in motor winding for maximum protection.
- Nitrile rubber lined wear plate for field adjustment.
- For saline environment Zinc Anode are available.
- Pumps are also available in complete SS 316 construction.
- Pumps are available for any combination of voltage and frequency on request.
- The Pump is epoxy coated for long life.

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TECHNICAL DETAILS

MECHANICAL SEAL

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

BALL BEARINGS

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

POWER CABLE

Cable Size : 4 core 2.5 sq.mm
Cable Length : 15 meters

PVC insulated, water and oil proof copper conductor flexible cable.

STANDARD MOC

Impeller : S.S. CA15, Nitride Hardened to 50-55 HRC
Rotor Shaft : S.S. 431
Wear Plate : Nitrile Rubber Lined
Stator Casing : Extruded Aluminum with Epoxy Powder Coating
Pump Volute : S.S. CF8 (S.S. 304) with Epoxy Powder Coating.
Hardware : S.S. 304

ELECTRICAL MOTOR (DOL - START)

2 Pole continuous rated induction motor with squirrel cage rotor.

Frequency (Hz) : 50
AC Supply (Phase) : 3
Voltage (V) : 415
Power Rating (Kw) : 4.5
Current Rating (FL) (Amp) : 11
Speed (RPM) : 2850
Motor Winding Insulation Class : H
Max. temp. of pumped Fluid (°C) : 40
Max. Start / Stop per hour : 15

PUMP WEIGHT

Approx. without cable (Kg) : 60

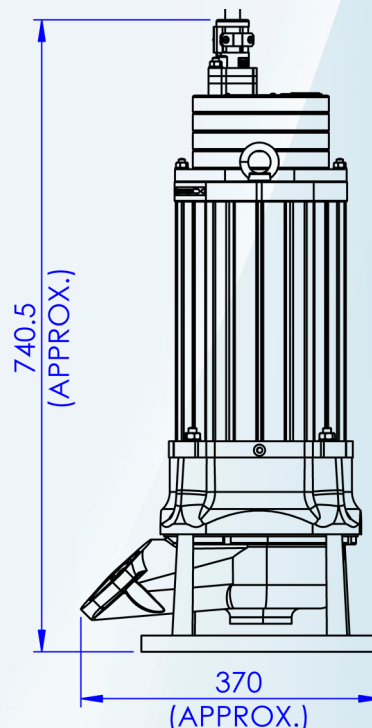
PUMP SUBMERGENCE

Pump submergence below Fluid level minimum 70 mm & maximum 15 meters.

SOLID HANDLING CAPACITY : 60 mm

(Optional items are at extra cost.)

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PERFORMANCE CURVES

