

## TENAX SUBMERSIBLE SEWAGE PUMP



### TECHNICAL

Double chamber electric pump (motor, mechanical seal).

Single chamber electric pump (only for TENAX 300F - 600F).

Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication.

Sealing ring - engine face.

Oil bath mechanical seals.

Double mechanical seals (only for TENAX 300F - 600F): engine face: oil bath / pump face: water bath.

Permissible draught of water: 5 mt.

IP68 protection class.

Class "F" insulation.

Max. pumped liquid temperature: 25°C with partially submerged pump. / 35°C with totally submerged pump.

By pass section:

- 50 mm - TENAX 150F.
- 60 mm - TENAX 200F.
- 50 mm - TENAX 300F.
- 50 mm - TENAX 400F.
- 50 mm - TENAX 600F.

### Versions:

Single phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.

Three phases: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the user.

### Motor power:

From 1,5HP to 2,0HP single phase and three phase versions.

3,0HP only three phase versions.

Automatic single phase versions up to 1,1 kW (1,5HP). /

Single phase versions from 1,5 kW (2,0HP) only manual, without floater.

### Standard cable features:

Single phase: 10 metres H07RN-F for the standard version (automatic-manual).

Three phases: 10 metres H07RN-F customised voltage and frequency rating available on demand.

### SPECIFICATION

Pump head ..... : 10,5 mt ÷ 30,5 mt

Delivery ..... : 30,0 m<sup>3</sup>/h ÷ 96,0 m<sup>3</sup>/h

Rated horsepower .... : 1,1 kW (1,5HP) ÷ 4,5 kW (6HP)

Solid matter bypass up to 60 mm

### PERFORMANCE CURVE

