

## ● FCL5-64/1.1SmF1.25"

### ● Product Photo :-



## ● Submersible Deep Well Pumps

### ● Features :-

- The built-in motor is cooled by the flow medium, the temperature rise is low and the motor service life is longer.
- Plug type cable connector is convenient for assembly and replacement, external cable connector is filled with epoxy glue, which is reliable sealing.
- The upper bearing seat is welded within the casing, which can ensure bearing, decrease the power consumption.
- Impeller shaft is fixed in axial, the radial is ring seal, which can reduce operating noise.
- Motor power is larger, which can increase the reliability.

### ● Description :-

- FCL stainless steel submersible electric pump consist of pump, motor, seal, and stainless steel shell. The hydraulic part is centrifugal impeller and guide blade, the efficiency is high. The motor is single or three phase oil-filled asynchronous motor. Between the pump and the motor, there are two single-end mechanical seals adopted as dynamic seal.

- The pump and motor are enclosed in the stainless casing The motor can be cooled by the medium, which through the external of motor. Single-phase water pump is equipped with float switch, which can automatic start and stop pump according to the water level. Pump surface adopts the stainless steel, which is beautiful appearance and corrosion resistance. Pump flow is moderate, high head and high efficiency, is a kind of high efficiency and energy saving, safe and ideal pump for the family.

### ● Application :-

- Clean water in domestic.
- Civil & agricultural applications such as the distribution of water in combination with pressure tanks.
- Irrigation of gardens and orchards and for pressure boosting.

### ● Performance Table :-

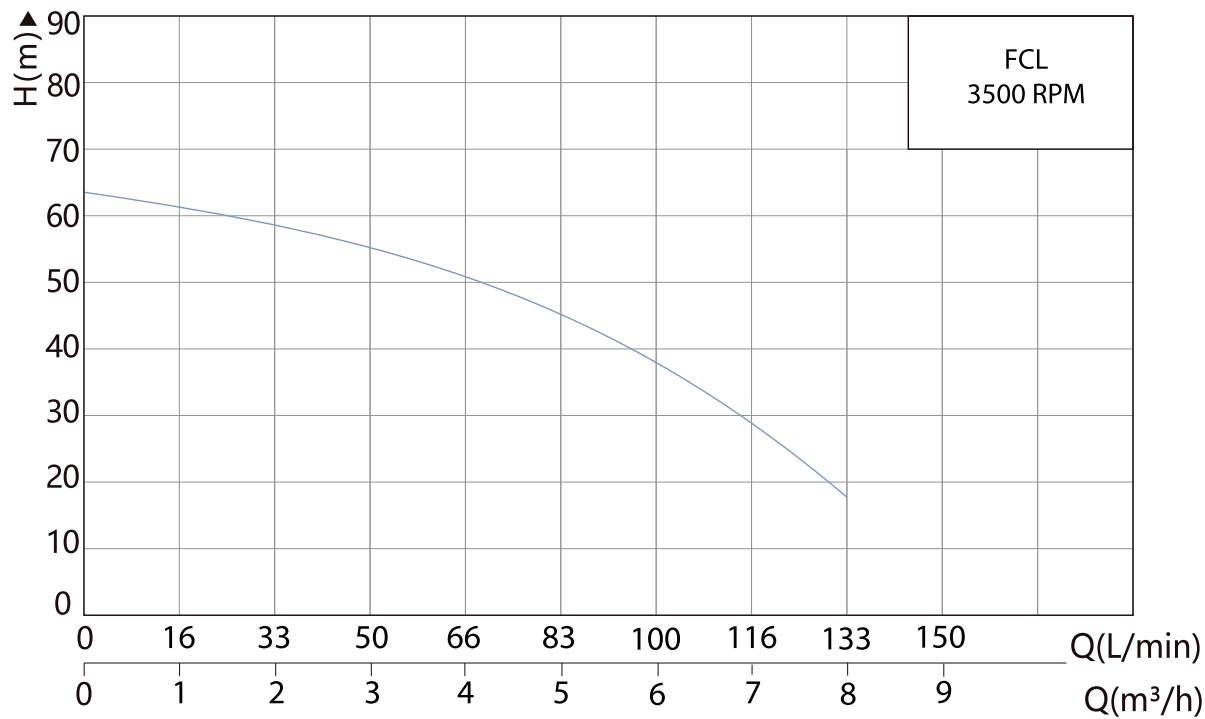
| Model               | Rated flow<br>m <sup>3</sup> /h | Max flow<br>m <sup>3</sup> /h | Rated head<br>meters | Max head<br>meters | Rated power<br>KW | Motor Speed | Rated volt | Rated current<br>(AMPS) | Outlet    | Dm mm       |
|---------------------|---------------------------------|-------------------------------|----------------------|--------------------|-------------------|-------------|------------|-------------------------|-----------|-------------|
| FCL5-64/1.1SmF1.25" | 5                               | 8                             | 49                   | 64                 | 1.1               | 3500RPM     | 60HZ/220V  | 8.4A                    | 1.25 Inch | 740X140X230 |

### ● Working conditions :-

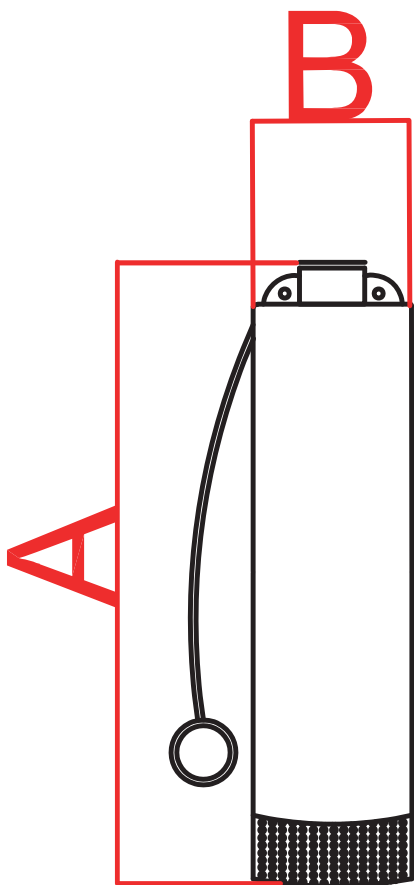
- Medium temperature : - 0 - 40 °C
- The diving depth should be less than 20 meters
- pH value: 6.5~8.5.
- Volumetric ratio of solid-containing impurities in medium is less than 0.1%, the granule size is less than 0.2mm.

Performance curve :-

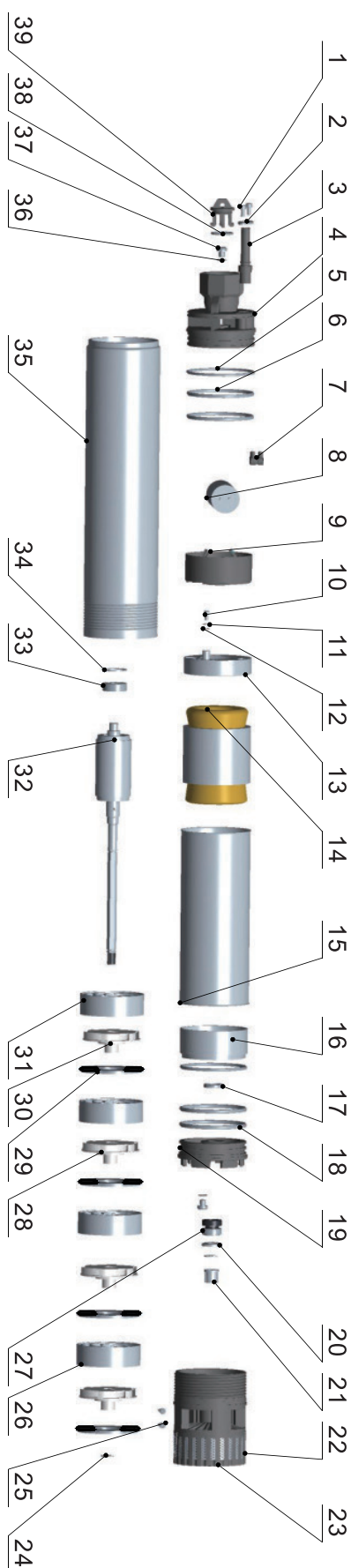
FCL5-64/1.1SmF1.25"



Overall Dimention :



|   |       |
|---|-------|
| A | 60 CM |
| B | 12 CM |



| No. | Component                              |
|-----|----------------------------------------|
| 1   | Hexagon socket head cap screws         |
| 2   | Cable plate                            |
| 3   | Cable shield                           |
| 4   | Top cover                              |
| 5   | O-Ring                                 |
| 6   | O-Ring                                 |
| 7   | Terminal end                           |
| 8   | Capacitor                              |
| 9   | Protection sleeve                      |
| 10  | Cross recess pans head screw           |
| 11  | External teeth serrated lock washers   |
| 12  | Flat washer                            |
| 13  | Upper bearing seat                     |
| 14  | Winding stator                         |
| 15  | Casing                                 |
| 16  | Lower bearing seat                     |
| 17  | Oil seal                               |
| 18  | O-Ring                                 |
| 19  | Lower plastic base                     |
| 20  | Big washer                             |
| 21  | Blubber bearing                        |
| 22  | Filter screen                          |
| 23  | Plastic base                           |
| 24  | Split deflector                        |
| 25  | Cross recessed pan head tapping screws |
| 26  | Guide vane 1                           |
| 27  | Mechanical seal                        |
| 28  | Impeller                               |
| 29  | Guide vane cover                       |
| 30  | Deep groove bearing                    |
| 31  | Guide vane                             |
| 32  | Rotor                                  |
| 33  | Deep groove bearing                    |
| 34  | Spring washer                          |
| 35  | Pump sleeve                            |
| 36  | O-Ring                                 |
| 37  | Air faucet                             |
| 38  | O-Ring                                 |
| 39  | Check valve                            |