

● FCL5-80/1.5SmF1.5"

● 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 :-

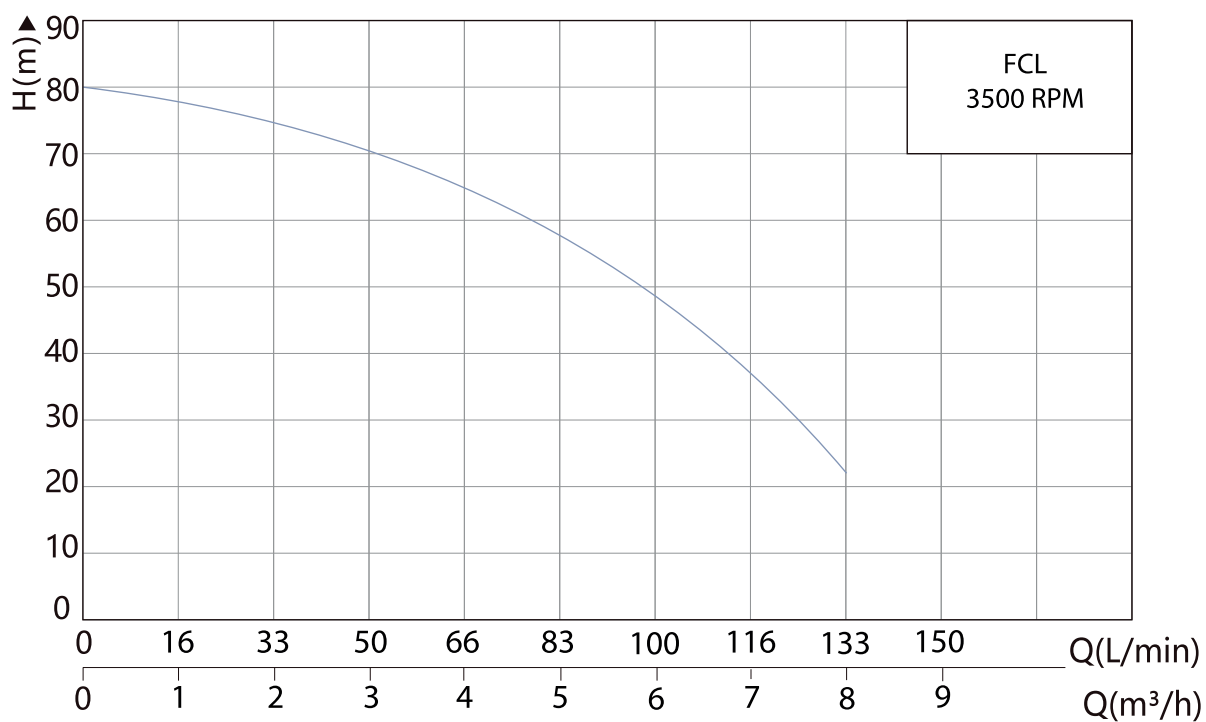
Model	Rated flow m³/h	Max flow m³/h	Rated head meters	Max head meters	Rated power KW	Motor Speed	Rated volt	Rated current (AMPS)	Outlet	Dm mm
FCL5-80/1.5SmF1.5"	5	8	61	80	1.5	3500RPM	60HZ/220V	10.9A	1.5 Inch	820X140X230

● Working conditions :-

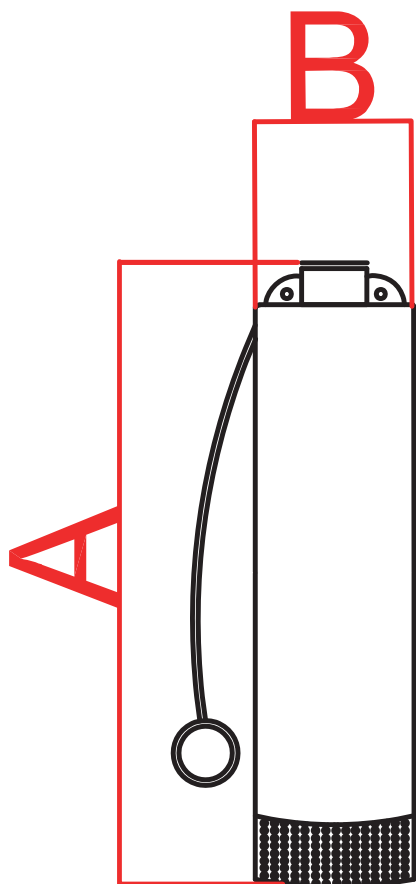
- Medium temperature : - 0 - 40 °C
- The diving depth should be less than 20 meters
- pH value: 6.5~8.5.
- Volumetric ratio of solid-containing impurities in medium is less than 0.1%, the granule size is less than 0.2mm.

Performance curve :-

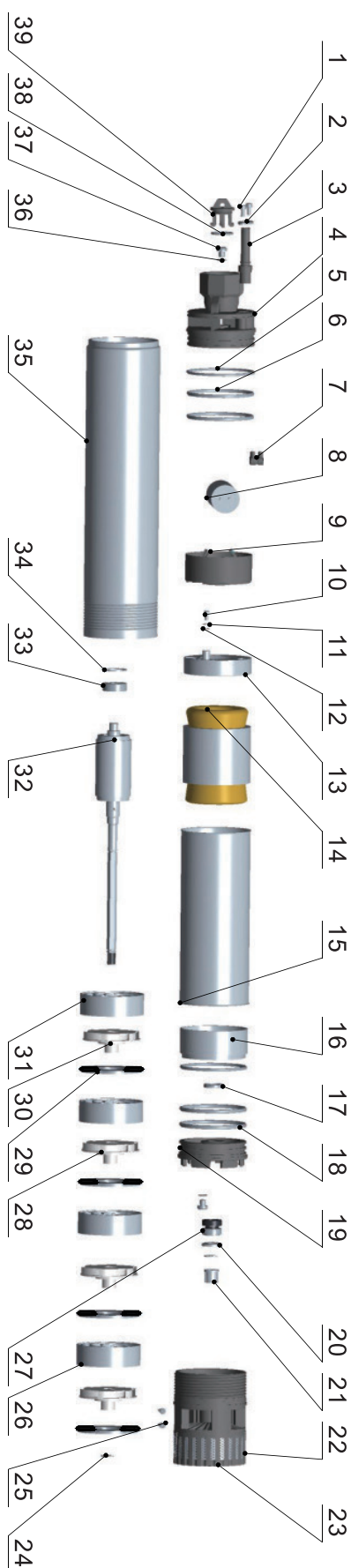
FCL5-80/1.5SmF1.5"



Overall Dimention :



A	67 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