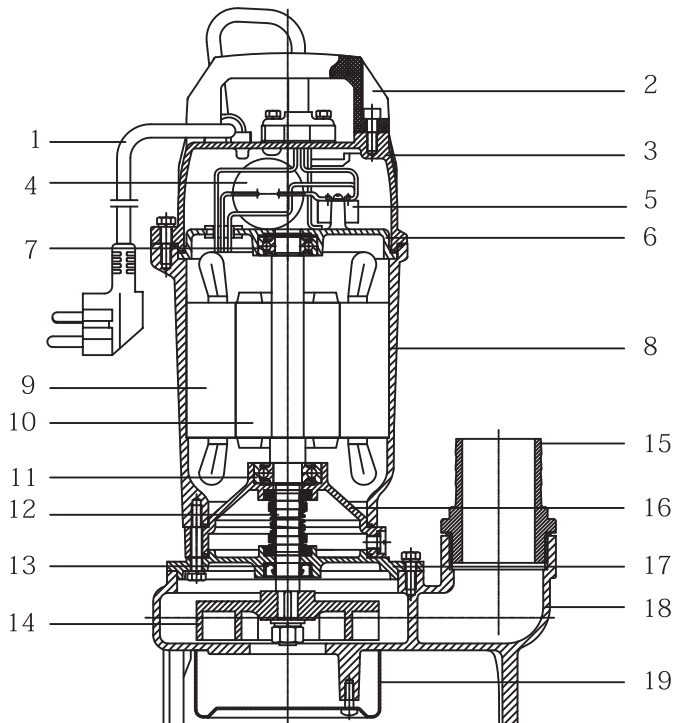


## WORKING CONDITIONS

1. Conveying medium temperature should be below 40℃.
2. Conveying medium PH value should be 4-10.
3. The maximum density of the conveying medium is  $1.3 \times 10^3 \text{KG/m}^3$ .
4. power frequency: 50Hz, Voltage: AC380V, Voltage Fluctuation range is 0.9-1.1 times of the rated voltage
5. Taking the center of the impeller as the reference, pump should not work deeper than 5 meters.

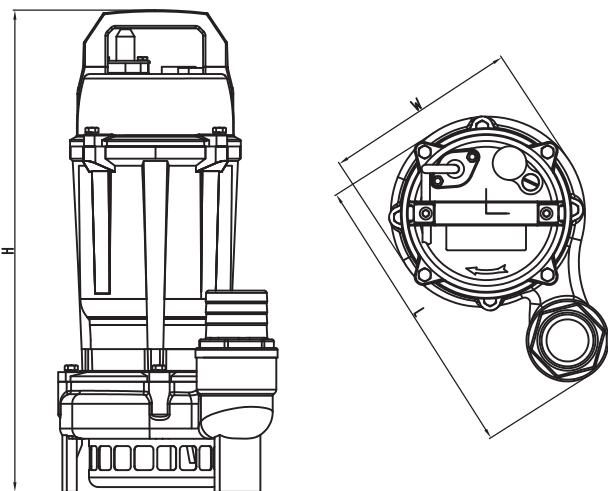


## PRODUCT STRUCTURE

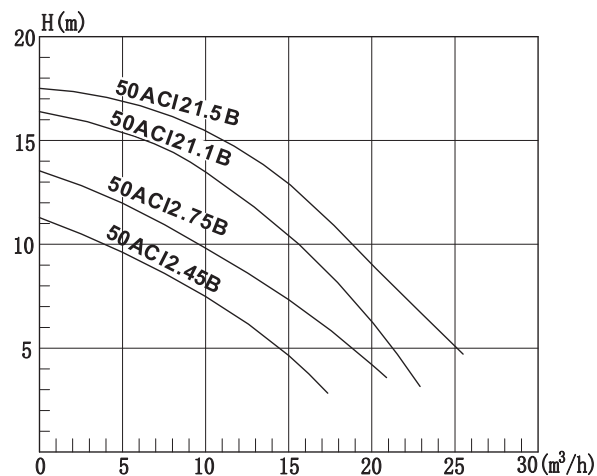


| NO | NAME                  |
|----|-----------------------|
| 1  | Cable                 |
| 2  | Handle                |
| 3  | Upper Cap             |
| 4  | Capacitor             |
| 5  | Protector             |
| 6  | Upper Bearing Bracket |
| 7  | Bearing               |
| 8  | Motor Casing          |
| 9  | Stator Coil           |
| 10 | Shafted Rotor         |
| 11 | Bearing               |
| 12 | Mechanical Seal       |
| 13 | Dust Seal             |
| 14 | Impeller              |
| 15 | Discharge Outlet      |
| 16 | Oil Chamber           |
| 17 | Oil Chamber Cover     |
| 18 | Pump Casing           |
| 19 | Filter Screen         |

## PRODUCT DIMENSIONS



## PERFORMANCE CURVE



## TECHNICAL PARAMETER LIST

| Model      | Qr<br>(m³/h) | Hr<br>(m) | Qmax<br>(m³/h) | Hmax<br>(m) | Current<br>(A) | Particle<br>diameter<br>(mm) | Voltage<br>(V) | Scope of use<br>(m) | N . W<br>(kg) | Bore<br>(inch) | Dimension |      |      |
|------------|--------------|-----------|----------------|-------------|----------------|------------------------------|----------------|---------------------|---------------|----------------|-----------|------|------|
|            |              |           |                |             |                |                              |                |                     |               |                | L/mm      | W/mm | H/mm |
| 50ACI2.45B | 8            | 8         | 18             | 12          | 3.2/1.1        | 20                           | 220V/380V      | 3--11               | 14            | 2              | 245       | 160  | 385  |
| 50ACI2.75B | 10           | 10        | 20             | 14          | 4.1/1.7        | 20                           | 220V/380V      | 4--13               | 14.8          | 2              | 245       | 160  | 405  |
| 50ACI21.1B | 10           | 13        | 22             | 17          | 5.3/2          | 20                           | 220V/380V      | 4--16               | 16            | 2              | 245       | 160  | 405  |
| 80ACI21.1B | 25           | 6         | 36             | 11          | 5.3/2          | 25                           | 220V/380V      | 3--10               | 19.2          | 3              | 305       | 195  | 415  |
| 50ACI21.5B | 15           | 12        | 25             | 17          | 7.1/2.8        | 20                           | 220V/380V      | 6--16               | 17.7          | 2              | 245       | 160  | 435  |
| 80ACI21.5B | 30           | 7         | 41             | 13          | 7.1/2.8        | 25                           | 220V/380V      | 4--12               | 20.3          | 3              | 305       | 195  | 445  |