



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air conditioning, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

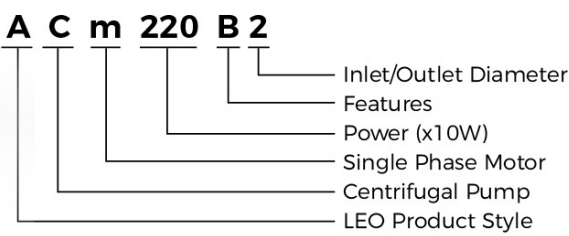
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 welding shaft
- Max. liquid temperture: +60°C
- Max.suction: + 8m

Motor

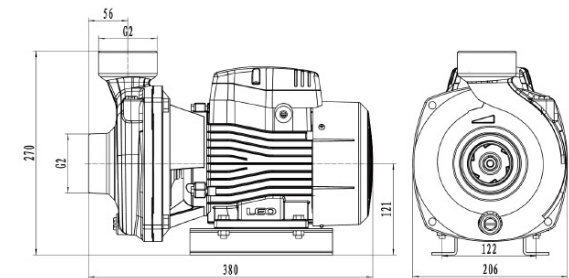
- Low noise&Long life bearing
- Motor with copper winding
- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +50°C
- S1 Duty

Identification Codes



Technical Data

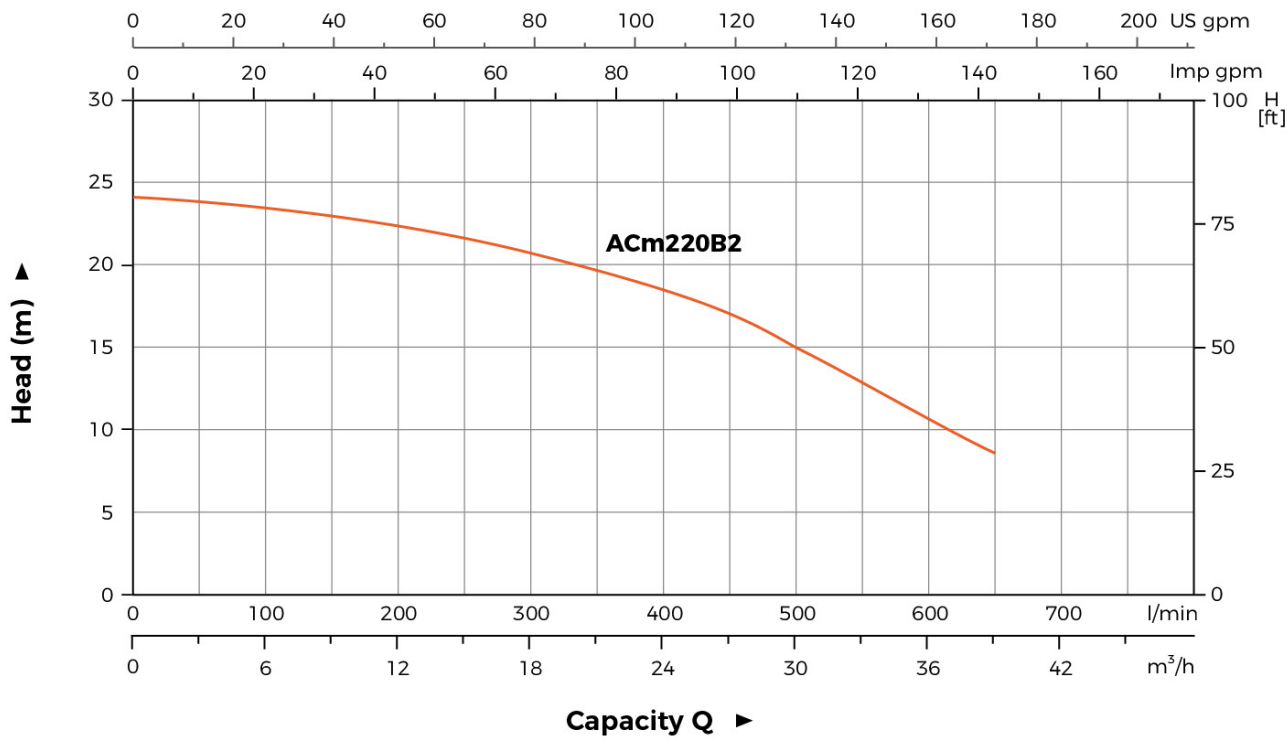
| Model    | Power |     | Q(m³/h)  | 0    | 6    | 12   | 18   | 19    | 24   | 30   | 36   | 38.9  |
|----------|-------|-----|----------|------|------|------|------|-------|------|------|------|-------|
|          | kW    | HP  | Q(l/min) | 0    | 100  | 200  | 300  | 316.7 | 400  | 500  | 600  | 648.3 |
| ACm220B2 | 2.2   | 3.0 | H(m)     | 23.9 | 23.8 | 22.7 | 21.1 | 20.9  | 18.6 | 15.2 | 10.1 | 8.2   |



Dimension

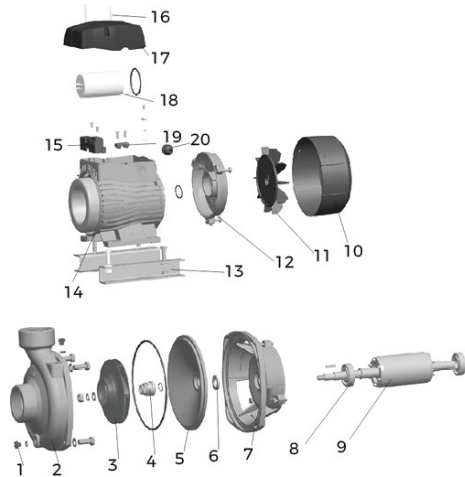
| Model    | DN1 | DN2 | L (mm) | W (mm) | H (mm) | W1 (mm) | H1 (mm) |
|----------|-----|-----|--------|--------|--------|---------|---------|
| ACm220B2 | 2"  | 2"  | 380    | 206    | 270    | 122     | 121     |

Hydraulic Performance Curves



Material Table

| No. | Part             | Material       | No. | Part           | Material |
|-----|------------------|----------------|-----|----------------|----------|
| 1   | Filling plug     | Copper         | 12  | Rear cover     | ZL102    |
| 2   | Pump body        | HT200          | 13  | Base           | 65Mn     |
| 3   | Impeller         | Brass          | 14  | Stator         |          |
| 4   | Mechanical seal  | Carbon/Ceramic | 15  | Terminal board | PC+ABS   |
| 5   | Support Cover    | HT200          | 16  | Screw          |          |
| 6   | Water proof ring |                | 17  | Terminal box   | PA6-GF25 |
| 7   | Support          | ZL102          | 18  | Capacitor      |          |
| 8   | Bearing          |                | 19  | Pressure clamp | PC+ABS   |
| 9   | Rotor            |                | 20  | Cable Holder   |          |
| 10  | Fan cover        | PP             |     |                |          |
| 11  | Fan              | PP             |     |                |          |



Package Information

| Model    | CW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20' TEU) |
|----------|----------|--------|--------|--------|------------------------|
| ACm220B2 | 23       | 416    | 248    | 286    | 819                    |

