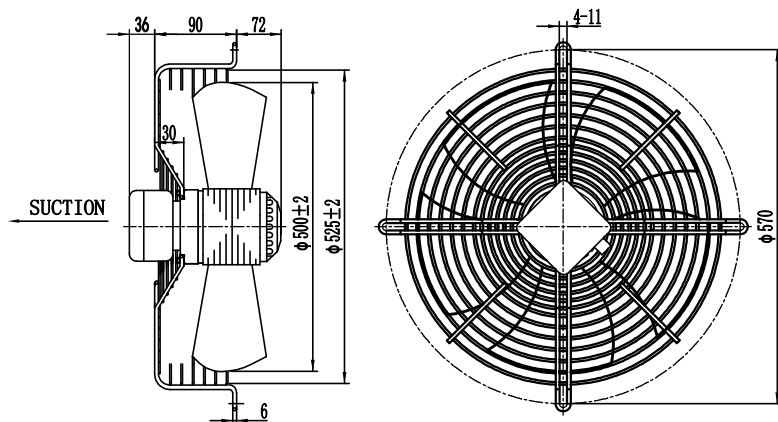
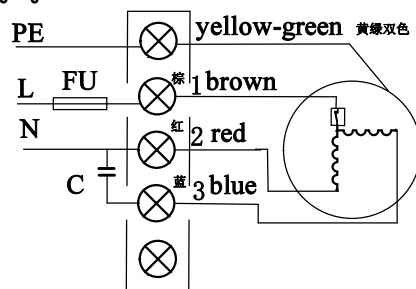


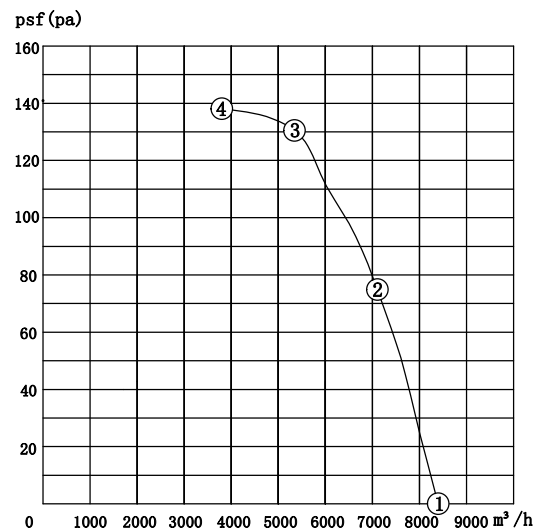


Wiring diagram:



## Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100M  $\Omega$  at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is:  $1380 \pm 10\%$  r/min high than G6.3, vibration value is less than 2 mm/s.
- With 500 concave net cover N90.
- Built in thermal protector.
- With Terminal block. Cassette foam.
- English trademark .
- With TPI bearing.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

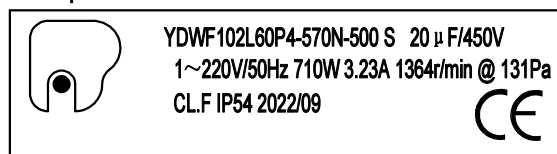
Performance parameters at key point:

|   | psf<br>(pa) | I<br>(A) | P1<br>(W) | n<br>(r/min) | Q<br>(m³/h) | Note     |
|---|-------------|----------|-----------|--------------|-------------|----------|
| ① | 0           | 2.76     | 604       | 1396         | 8398        |          |
| ② | 75          | 3.03     | 667       | 1377         | 7126        |          |
| ③ | 131         | 3.23     | 710       | 1364         | 5296        | MAX EFF. |
| ④ | 138         | 3.30     | 727       | 1359         | 3767        | IMAX     |

Test data at free :

| connection | UAC<br>(V) $\pm 10\%$ | F<br>(Hz) | P1<br>(W) $\pm 10\%$ | I<br>(A) $\pm 10\%$ | n<br>(r/min) $\pm 10\%$ | Noise<br>dB (A) |
|------------|-----------------------|-----------|----------------------|---------------------|-------------------------|-----------------|
|            | 1~220                 | 50        | 705                  | 3.02                | 1380                    | 73              |

Nameplate:

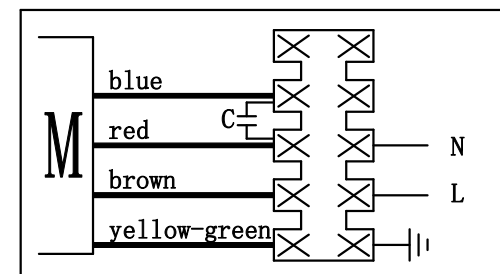


|                |                               |
|----------------|-------------------------------|
| Product model  | YDWF102L60P4-570N-500 S       |
| product type   | External rotor axial flow fan |
| customer code  | /                             |
| Product number | /                             |
| certification  | CE, CCC                       |

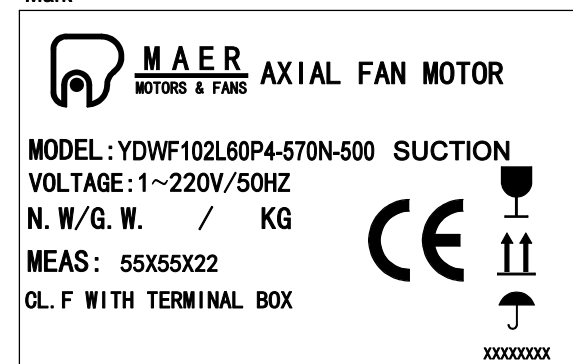
## Condition of use:

- voltage and frequency: 1 ~ 220 V  $\pm 5\%$ , 50 Hz .
- Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.75  $\text{mm}^2$ .
- Installation position: vertical or upward.
- ambient temperature:  $-40 \sim 70^\circ\text{C}$ .

The external wiring diagram:



Mark



|                            |                         |            |
|----------------------------|-------------------------|------------|
| 版本/Ver.                    | Page                    | 浙江马尔风机有限公司 |
| 重量/WG.                     | Kg 签名/Name              | 日期/Date    |
| 绘图/Drawing                 |                         |            |
| 审核/Checked                 |                         |            |
| 批准/Approved                |                         |            |
| 客户确认/Customer confirmation |                         |            |
| 型号/Model                   | YDWF102L60P4-570N-500 S |            |
| 品号/PIN                     |                         |            |