

# Specifications

## AC Axial Fan

Model : YWF4D-300F

Type : S-E5L

Coding : E04030269

Version: V1.0

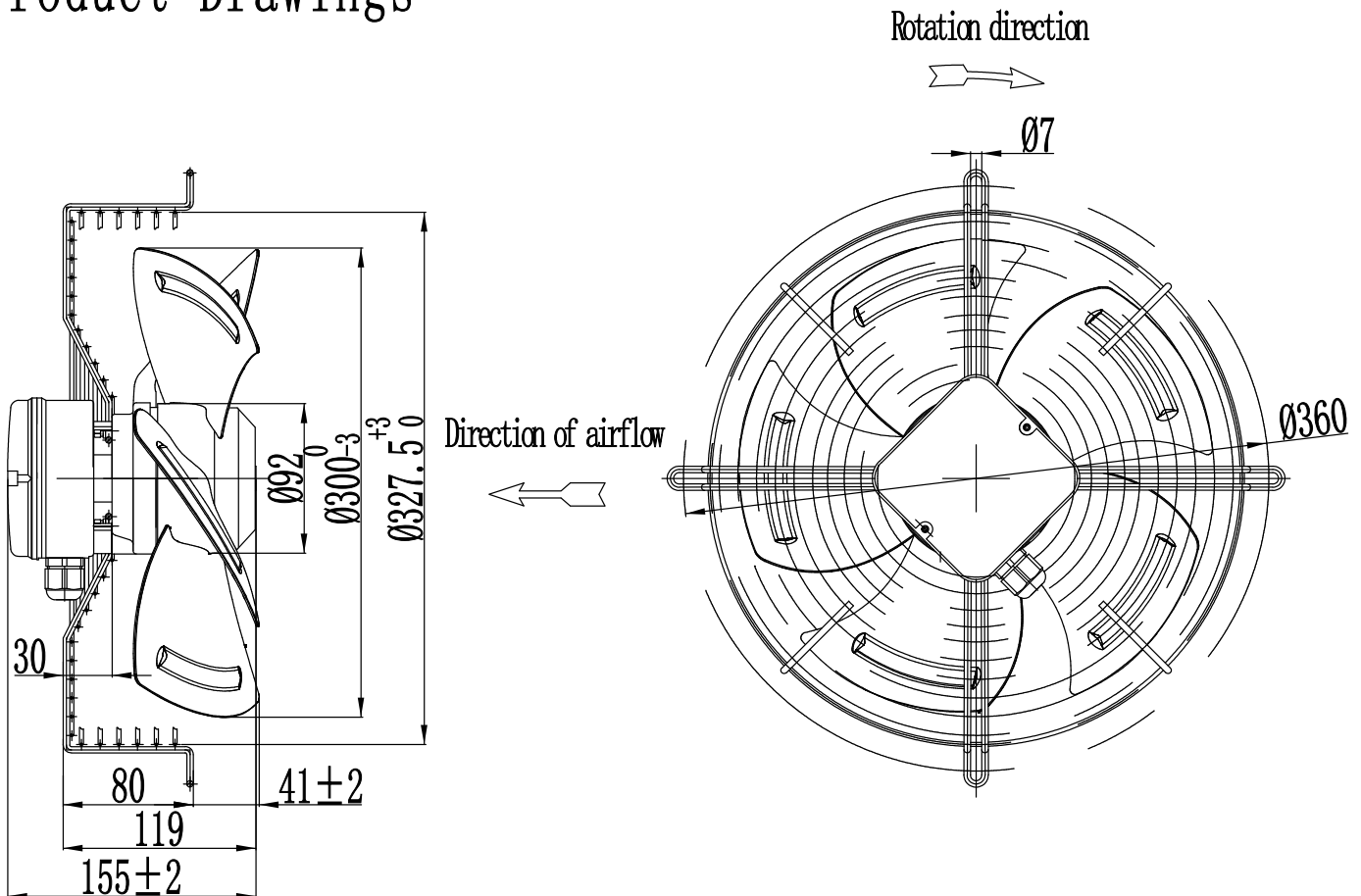
Date : 2022.09.23

| Version | Status    | Version update instructions | Date       | DRN BY   | CHK BY   |
|---------|-----------|-----------------------------|------------|----------|----------|
| V1.0    | Effective | Initial release             | 2022-09-23 | ZH. Shao | XQ. Chen |
|         |           |                             |            |          |          |
|         |           |                             |            |          |          |
|         |           |                             |            |          |          |
|         |           |                             |            |          |          |

## Standards

- GB12350 《Safety Requirements of small Power motors》
- EN60335-1 《Safety Requirements of Household of Similar Electrical Appliances》
- The level of balance is in accordance with ISO 1940, G4.0
- Vibration testing and velocity is performed according to JB/T8689.
- This product is certified by China CCC and EU CE
- ISO 9001 quality system certification
- Standard of noise test: ISO 13347 《Determination of fan sound power levels under standardized laboratory conditions》
- The fan performance data is accurate and reliable, conforming to GB/T1236-2017 and 《Industrial fans-performance testing using standardize dairways》 in ISO5801-2007 standards.

## Product Drawings



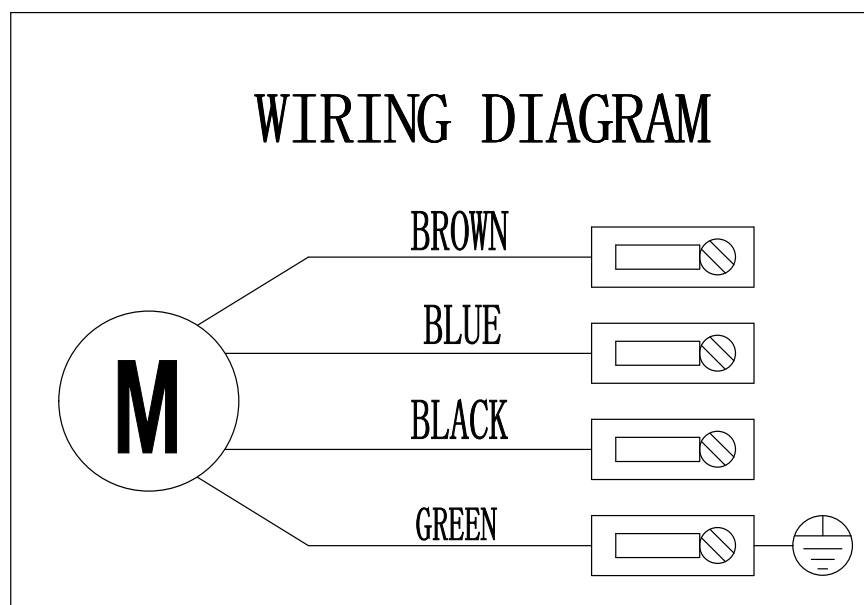
## Technical Parameters

|                      |         |                                  |
|----------------------|---------|----------------------------------|
| Power supply         | Phase   | 3                                |
| Frequency            | Hz      | 50                               |
| Wiring               | -       | Y                                |
| Capacitance          | $\mu$ F | -                                |
| Input Voltage        | V       | 380                              |
| Input Current        | A       | 0.24                             |
| Input Power          | W       | 100                              |
| Rated Speed          | r/min   | 1360                             |
| Fan Noise            | dB(A)   | 60                               |
| Fan Steering         |         | Counterclockwise(From the motor) |
| Fan Life             | h       | 40000                            |
| Fan Weight           | kg      | -                                |
| Protection Level     |         | IP54                             |
| Insulation Class     |         | F                                |
| Balance Level        |         | G4.0                             |
| Ambient Temperature  | ℃       | -40~+60                          |
| Environment Humidity |         | $\leq$ 90%RH                     |
| Impeller Material    |         | Metal                            |
| Spray Color          |         | -                                |
| Operating Status     |         | S1                               |

# Label

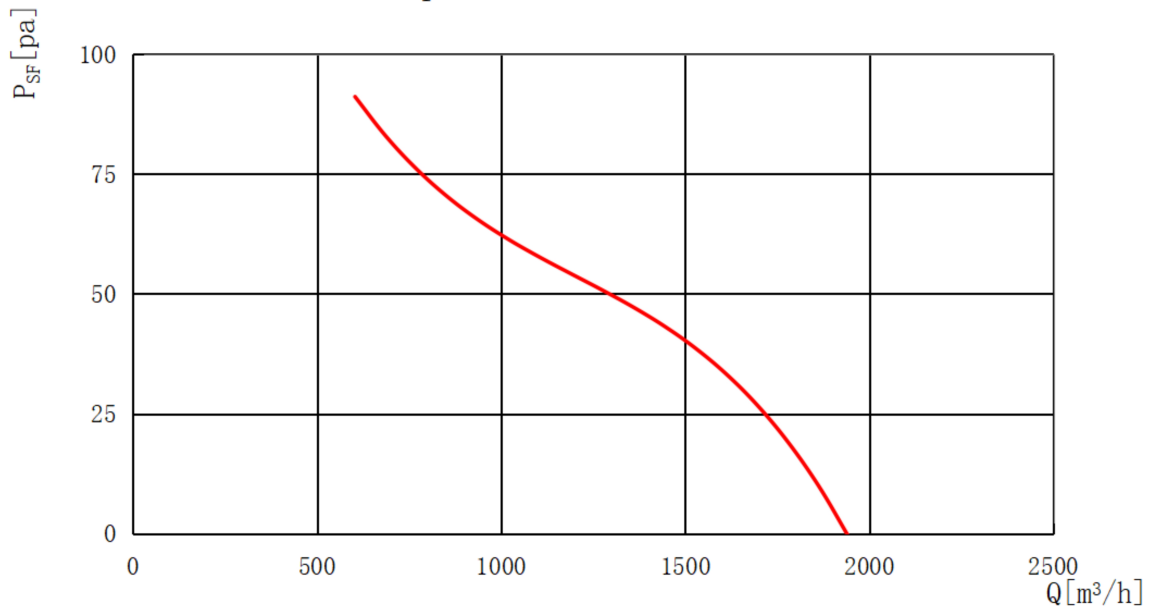
|                                     |                          |           |              |  |  |                         |
|-------------------------------------|--------------------------|-----------|--------------|--|--|-------------------------|
| <b>VENTILATOR</b><br><b>Dayoung</b> | External Rotor Axial Fan |           |              |  |  | <b>CE</b><br><b>EAC</b> |
| YWF4D-300F                          | S-E5L                    | E04030269 |              |  |  |                         |
| 380V 3PH 50Hz                       | 0.24A                    | 100W      | 1360r/min    |  |  |                         |
| 1950m <sup>3</sup> /h               | 60Pa                     | CL.F      | Date:2022.XX |  |  |                         |

# Product wiring diagram



# Product Performance

flow—static pressure curve:



| St. P. | Air Flow | Speed | Voltage | Freq. | Current | Power |
|--------|----------|-------|---------|-------|---------|-------|
| Pa     | m3/h     | RPM   | V       | Hz    | Amp     | W     |
| 0      | 1946     | 1404  | 403     | 50    | 0.23    | 79    |
| 17     | 1800     | 1395  | 403     | 50    | 0.24    | 84    |
| 27     | 1650     | 1386  | 404     | 50    | 0.24    | 86    |
| 41     | 1500     | 1380  | 400     | 50    | 0.23    | 88    |
| 48     | 1349     | 1371  | 399     | 50    | 0.24    | 93    |
| 57     | 1202     | 1365  | 401     | 50    | 0.24    | 96    |
| 60     | 1052     | 1360  | 400     | 50    | 0.24    | 100   |
| 66     | 896      | 1354  | 403     | 50    | 0.24    | 101   |
| 75     | 751      | 1357  | 404     | 50    | 0.24    | 103   |
| 93     | 603      | 1338  | 401     | 50    | 0.24    | 108   |