VENTILATOR
bayoung

# Specifications

## AC Axial Fan

Model : YWF2E-250

Type : B-E5Z

Coding : E04020226

Version: V1.0

Date : 2022.05.28

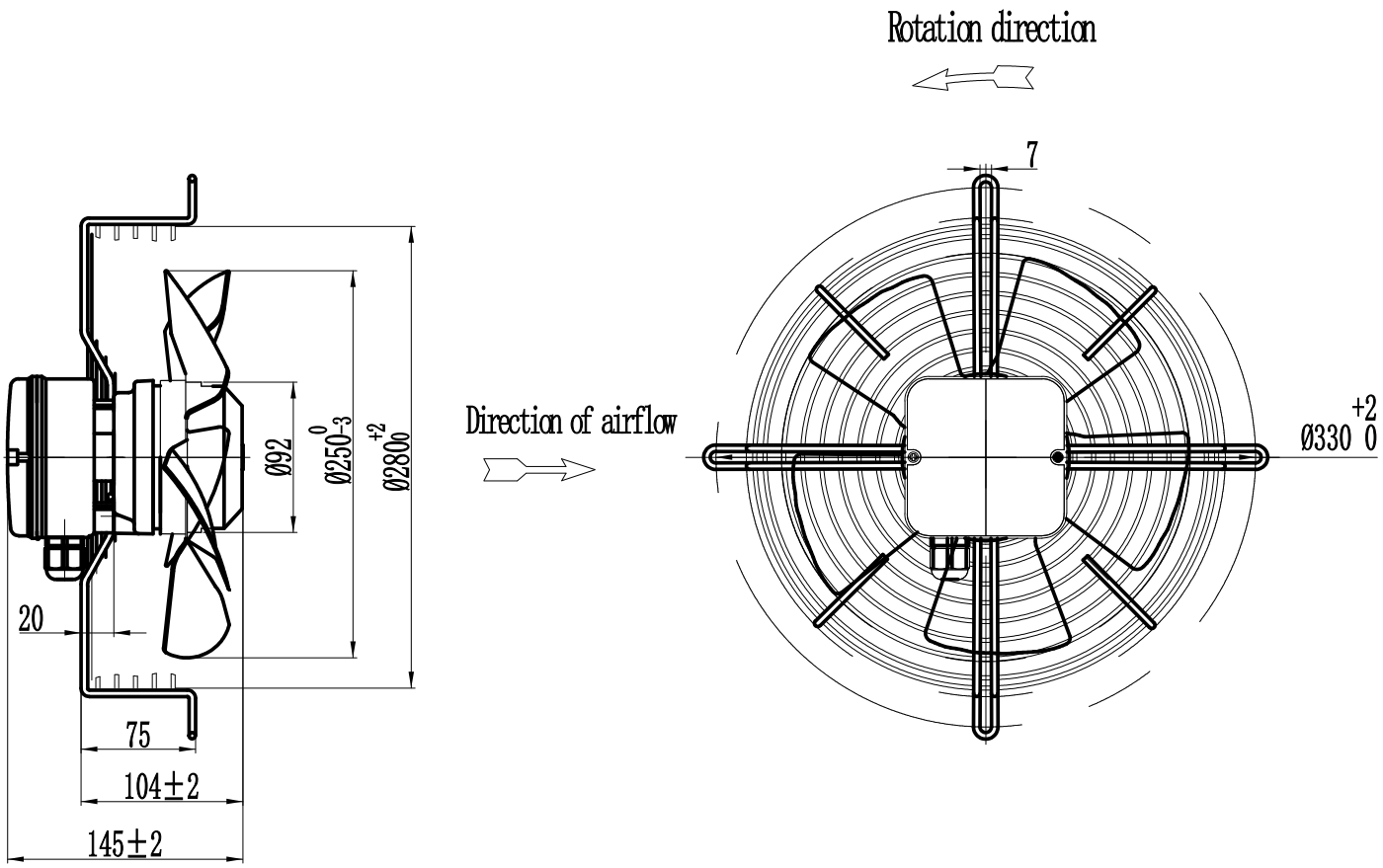
| Version | Status | Version update instructions | Date | DRN BY | CHK BY |
|---|---|---|---|---|---|
| V1.0 | Effective | Initial release | 2022-05-28 | JX.Chen | XQ.Chen |
| | | | | | |
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# Standards

- GB12350 *《Safety Requirments of small Power motors》*
- EN60335-1 *《Safety Requirments 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



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# Technical Parameters

| | | |
|---|---|---|
| Power supply | Phase | 1 |
| Frequency | HZ | 50 |
| Wiring | - | - |
| Capacitance | μF | 4.0 |
| Input Voltage | V | 220 |
| Input Current | A | 0.59 |
| Input Power | W | 135 |
| Rated Speed | r/min | 2435 |
| Fan Noise | dB(A) | 75 |
| Fan Steering | | Clockwise(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 | | ≤90%RH |
| Impeller Material | | Metal |
| Spray Color | | - |
| Operating Status | | S1 |
| Allowable Pst | Pa | ≤120 |

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# Label

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External Rotor Axial Fan

CE

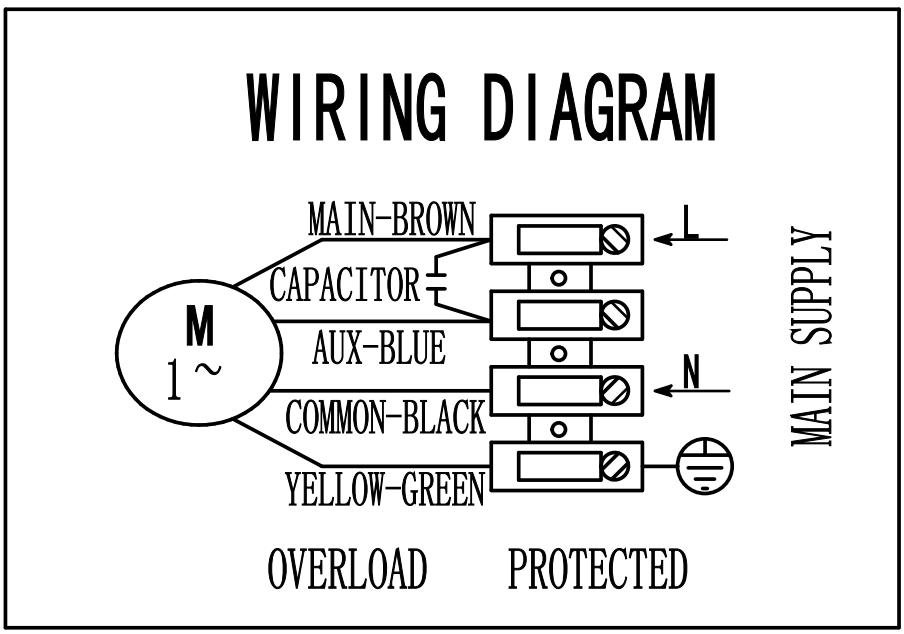
EAC

YWF2E-250 B-E5Z E04020226

220V 50Hz 0.59A 135W 4μF/450V

2435r/min 1465m³/h 120Pa CL.F Date:2022.XX

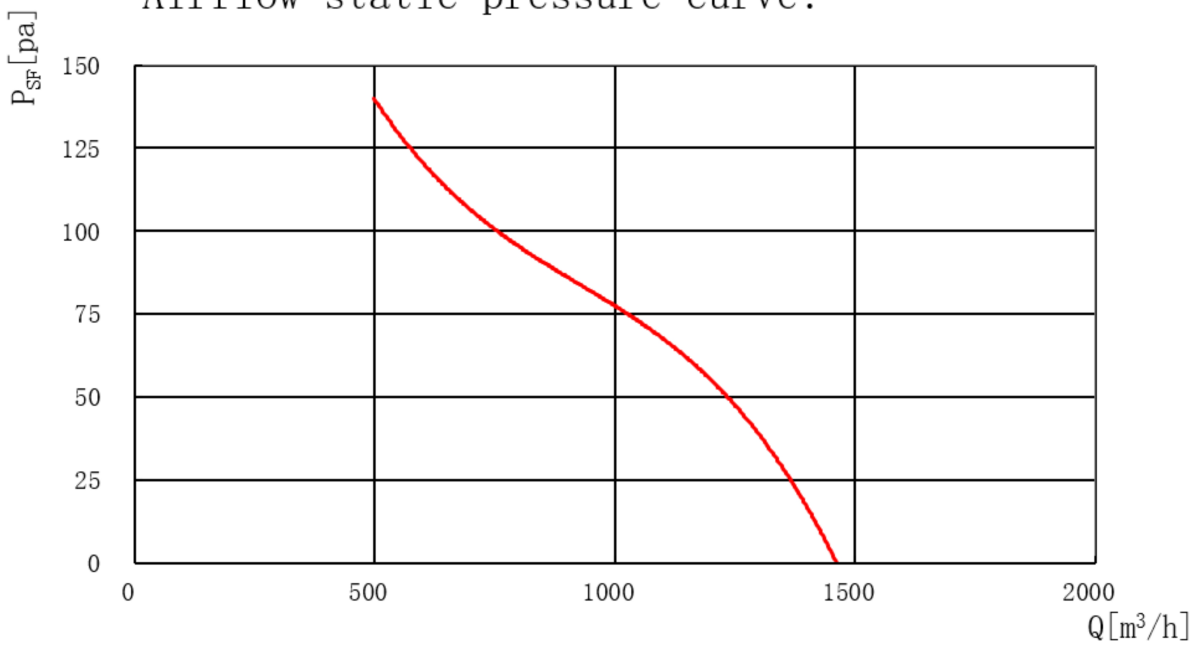
# Product wiring diagram



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# Product Performance

Airflow-static pressure curve:




| St.P. | Air Flow | Speed | Votage | Freq. | Current | Power |
|---|---|---|---|---|---|---|
| Pa | m3/h | RPM | V | Hz | Amp | W |
| 1 | 1465 | 2582 | 235 | 50 | 0.52 | 120 |
| 36 | 1302 | 2532 | 234 | 50 | 0.54 | 125 |
| 53 | 1201 | 2510 | 233 | 50 | 0.55 | 127 |
| 67 | 1099 | 2483 | 234 | 50 | 0.56 | 131 |
| 80 | 1000 | 2450 | 233 | 50 | 0.57 | 131 |
| 90 | 900 | 2440 | 234 | 50 | 0.58 | 135 |
| 98 | 799 | 2430 | 233 | 50 | 0.58 | 134 |
| 100 | 700 | 2441 | 233 | 50 | 0.57 | 133 |
| 118 | 600 | 2411 | 232 | 50 | 0.59 | 136 |
| 143 | 499 | 2333 | 232 | 50 | 0.62 | 143 |