VENTILATOR
bayoung

# Specifications

## AC Axial Fan

Model : YWF4D-450

Type : B-E5L

Coding : E04150103

Version: V1.0

Date : 2022.06.08

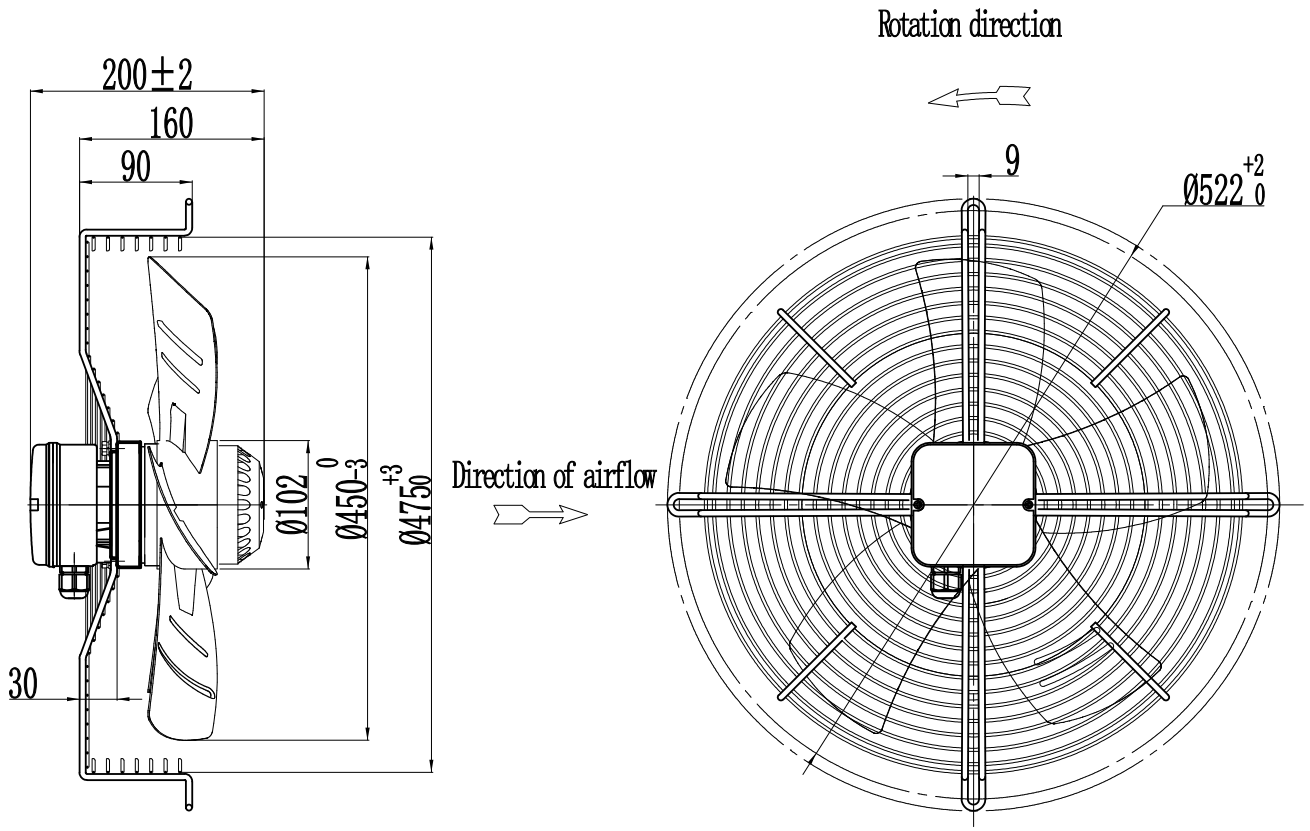
| Version | Status | Version update instructions | Date | DRN BY | CHK BY |
|---|---|---|---|---|---|
| V1.0 | Effective | Initial release | 2022-06-08 | JX.Chen | XQ.Chen |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

VENTILATOR
bayoung

# 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



VENTILATOR
bayoung

# Technical Parameters

| | | |
|---|---|---|
| Power supply | Phase | 3 |
| Frequency | HZ | 50 |
| Wiring | | Y |
| Capacitance | μF | - |
| Input Voltage | V | 380 |
| Input Current | A | 0.60 |
| Input Power | W | 280 |
| Rated Speed | r/min | 1365 |
| Fan Noise | dB(A) | 70 |
| 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 |

VENTILATOR
bayoung

# Label and Product wiring diagram

VENTILATOR
bayoung

External Rotor Axial Fan

CE

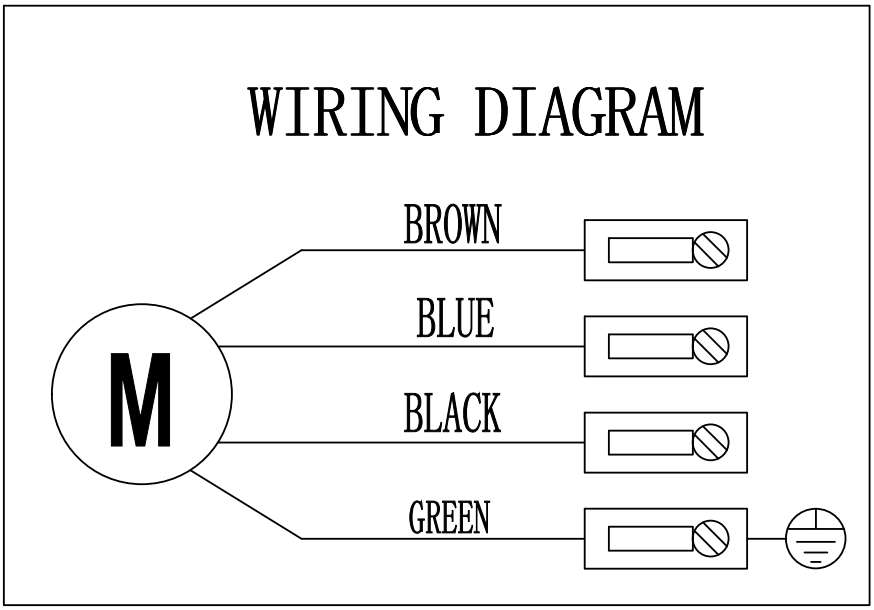
EAC

YWF4D-450 B-E5L E04150103

380V 3PH 50Hz 0.60A 280W

1365r/min 4706m³/h 110Pa CL.F Date:2022.XX

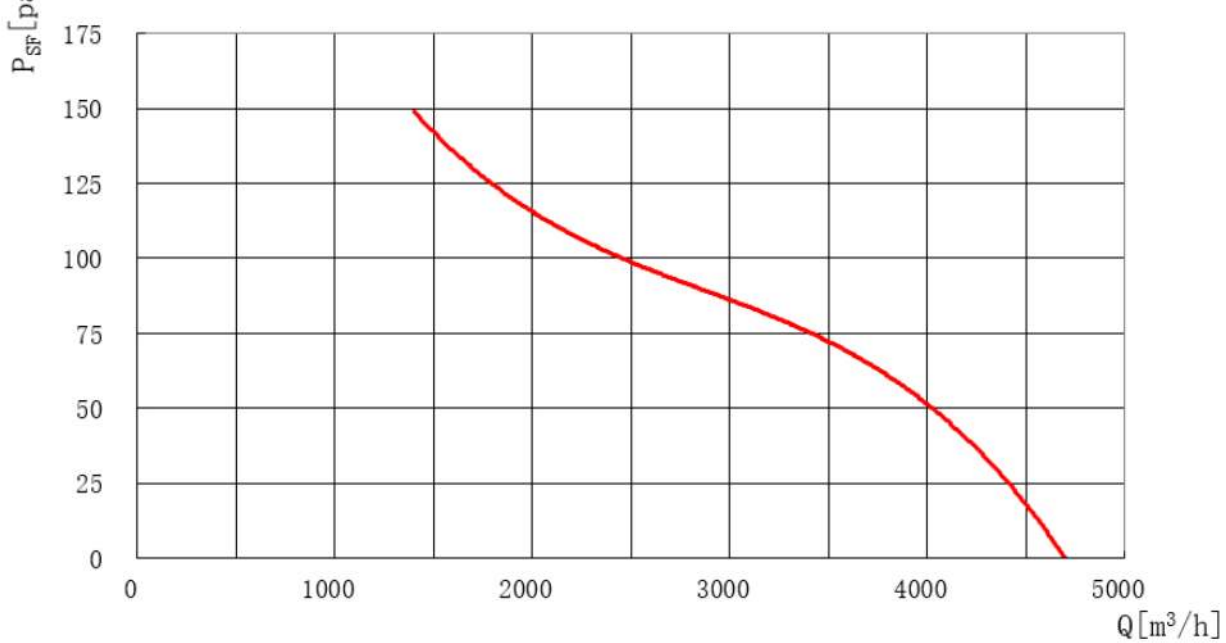
# Product wiring diagram



VENTILATOR
bayoung

# Product Performance

Airflow—Static pressure curve:




| St.P. | Air Flow | Speed | Votage | Freq. | Current | Power |
|---|---|---|---|---|---|---|
| Pa | m3/h | RPM | V | Hz | Amp | W |
| 0 | 4706 | 1428 | 401 | 50 | 0.55 | 187 |
| 38 | 4200 | 1411 | 400 | 50 | 0.57 | 222 |
| 61 | 3807 | 1396 | 397 | 50 | 0.57 | 237 |
| 74 | 3401 | 1382 | 401 | 50 | 0.58 | 246 |
| 89 | 3001 | 1378 | 402 | 50 | 0.60 | 269 |
| 98 | 2601 | 1367 | 401 | 50 | 0.60 | 277 |
| 103 | 2208 | 1359 | 402 | 50 | 0.61 | 284 |
| 126 | 1800 | 1343 | 402 | 50 | 0.63 | 310 |
| 149 | 1403 | 1321 | 403 | 50 | 0.65 | 356 |