VENTILATOR
bayoung

# Specifications

## AC Axial Fan

Model : YWF4D-630B

Coding : E04270084

Version: V1.0

Date : 2022.01.12

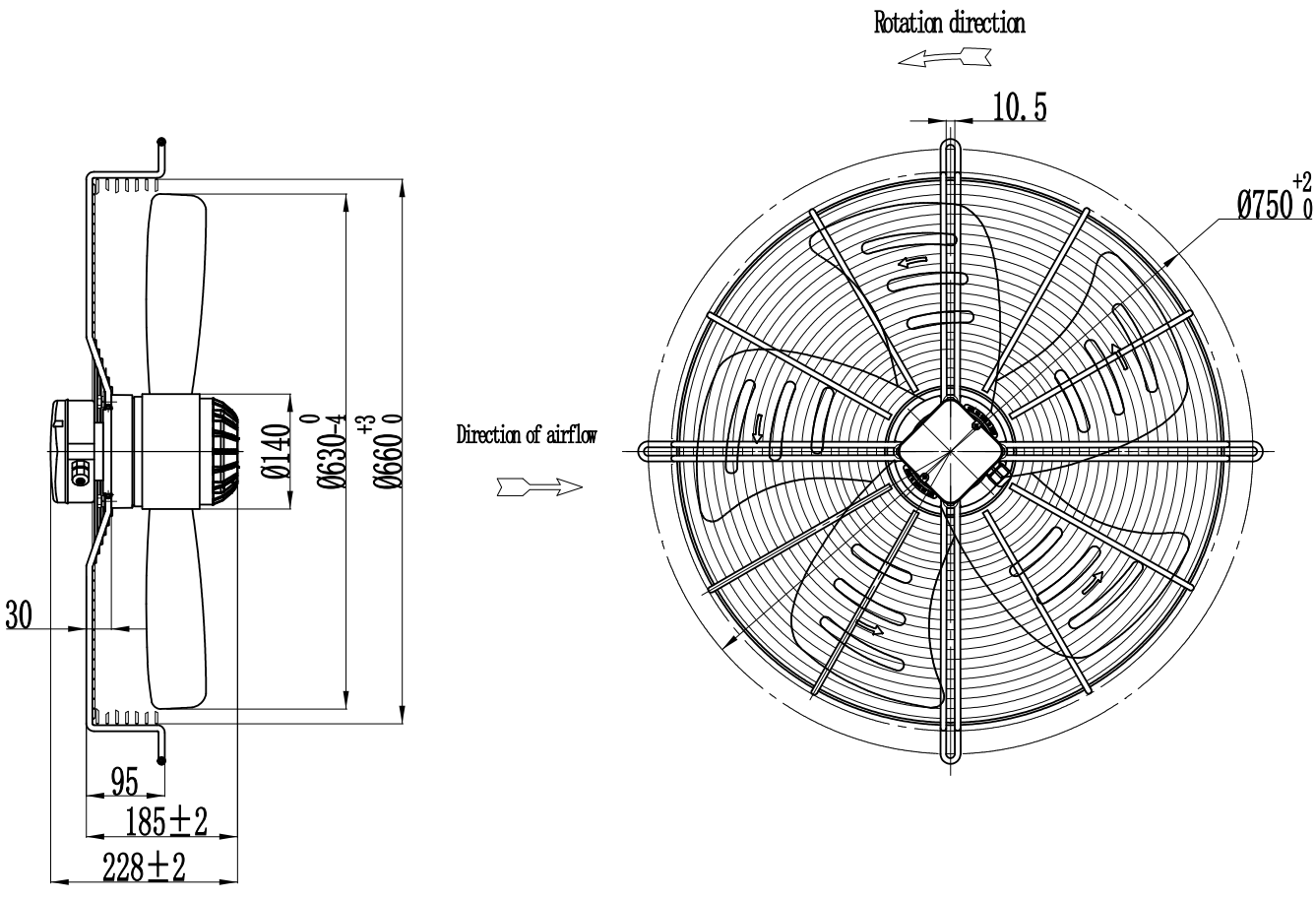
| Version | Status | Version update instructions | Date | DRN BY | CHK BY |
|---|---|---|---|---|---|
| V1.0 | Effective | Initial release | 2022-01-12 | JX.Chen | XQ.Chen |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

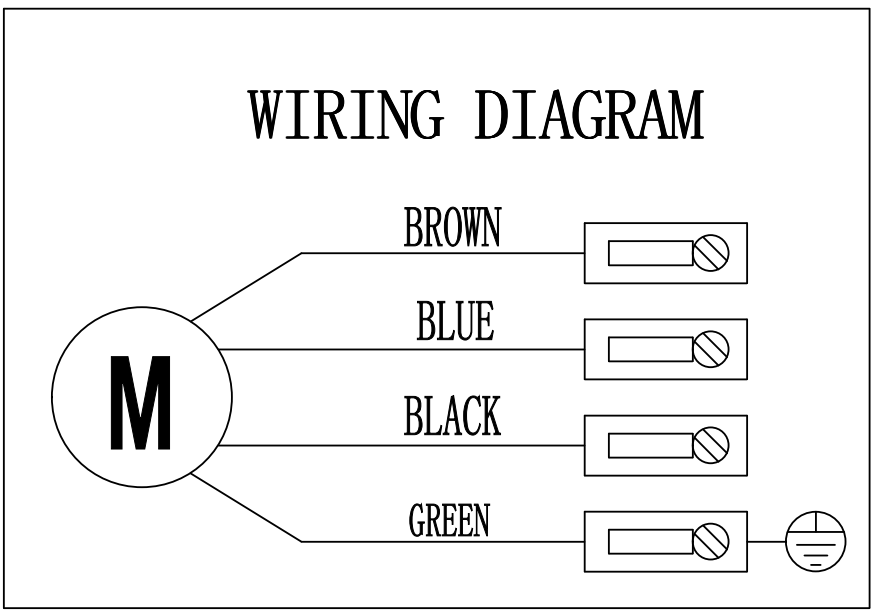
| | | |
|---|---|---|
| Power supply | Phase | 3 |
| Frequency | HZ | 50 |
| Wiring | | Y |
| Capacitance | μF | - |
| Input Voltage | V | 380 |
| Input Current | A | 1.90 |
| Input Power | W | 920 |
| Rated Speed | r/min | 1415 |
| Fan Noise | dB(A) | 78 |
| Fan Steering | | Clockwise(From the motor) |
| 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 |

VENTILATOR
bayoung

# Label

AXIAL FAN
YWF4D-630B 380V/50HZ
1.90A 920W
1415RPM CL.F

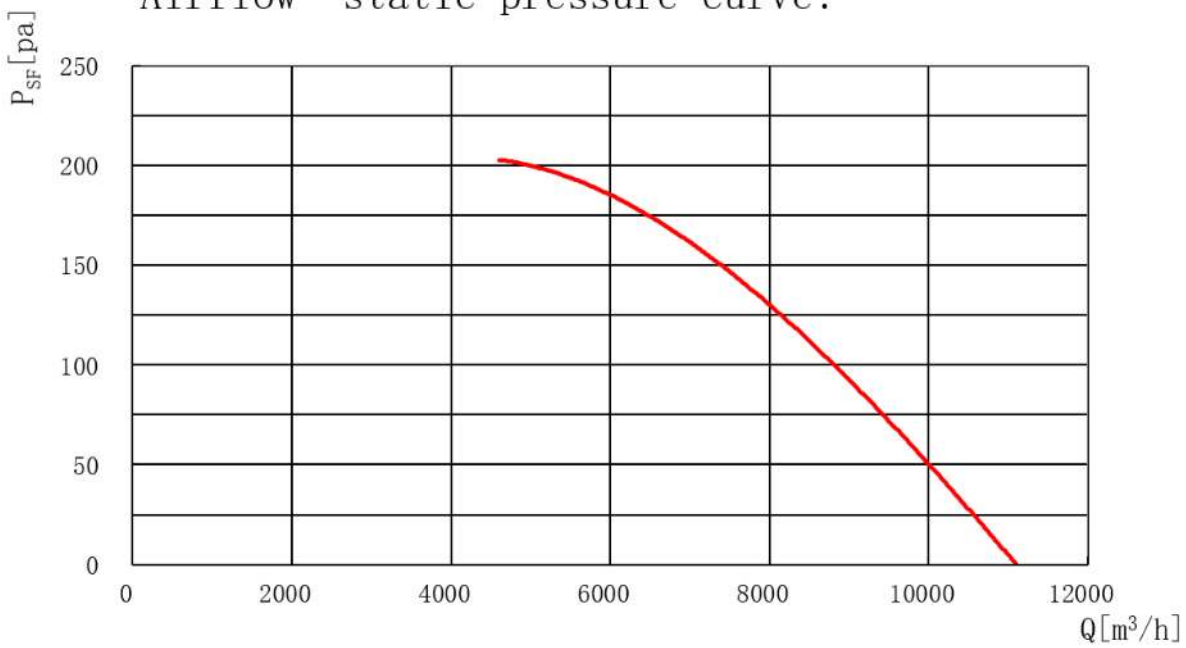
# Product wiring diagram



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 | 11103 | 1421 | 403 | 50 | 1.74 | 712 |
| 41 | 10208 | 1412 | 402 | 50 | 1.77 | 766 |
| 77 | 9400 | 1407 | 404 | 50 | 1.81 | 821 |
| 106 | 8601 | 1400 | 404 | 50 | 1.83 | 860 |
| 138 | 7799 | 1388 | 401 | 50 | 1.86 | 916 |
| 161 | 7005 | 1382 | 401 | 50 | 1.91 | 968 |
| 184 | 6207 | 1376 | 400 | 50 | 1.95 | 1004 |
| 191 | 5399 | 1373 | 401 | 50 | 1.97 | 1034 |
| 204 | 4609 | 1370 | 401 | 50 | 1.97 | 1032 |
| 243 | 3925 | 1357 | 401 | 50 | 2.08 | 1136 |