



**Specification For Approval  
EC-AC Brushless Impeller**

**Model: KMI4E560262TB2M-SB**

**Version: A01**

|                    |                |               |
|--------------------|----------------|---------------|
| <b>Approval</b>    | <b>Checked</b> | <b>Editor</b> |
| <b>Taylor Chen</b> | <b>Zheng</b>   | <b>Tom</b>    |

|                             |                   |                 |
|-----------------------------|-------------------|-----------------|
| <b>Customer</b>             |                   |                 |
| <b>Customer recognition</b> | <b>Acceptance</b> | <b>Approval</b> |
|                             |                   |                 |

## DATA SHEET

Model : KMI4E560262TB2M-SB

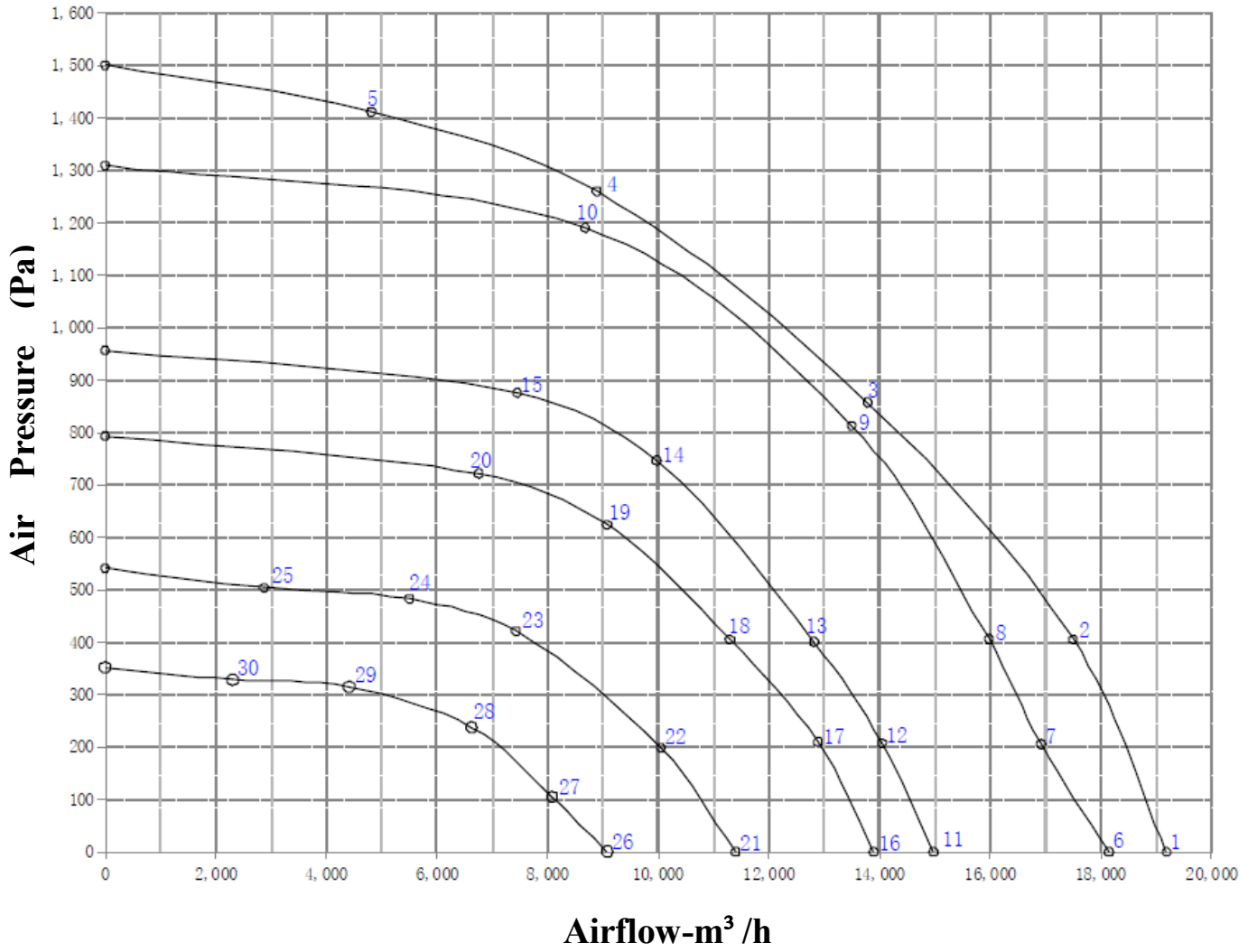
Customer P/N:

Safety:

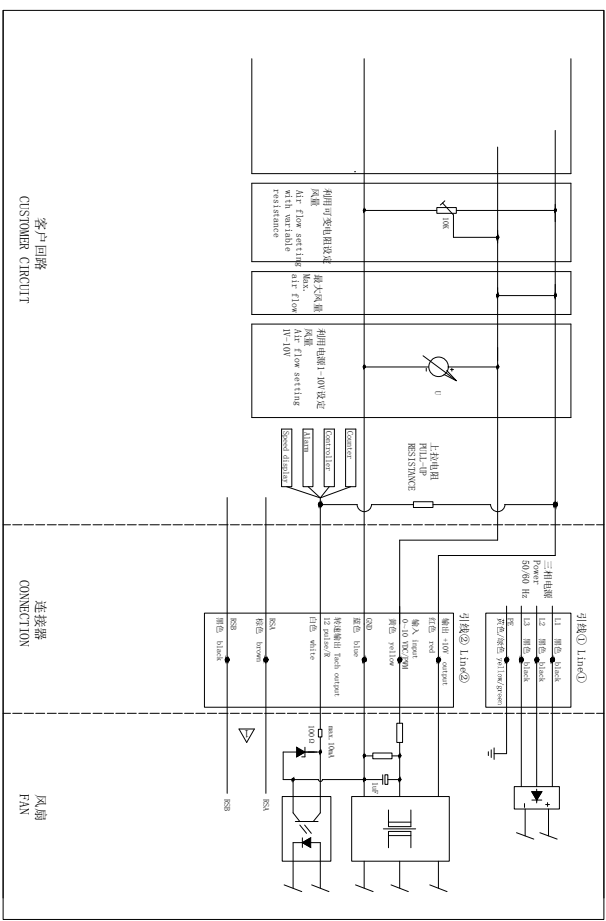
### SPECIFICATION

|                         |   |
|-------------------------|---|
| 1. Dimension            | 630*630*594 mm                              |
| 2. Bearing System       | 2 Ball Bearing                              |
| 3. Rated Voltage        | 380 VAC 50/60 Hz                            |
| 4. Operating Voltage    | 380~480 VAC                                 |
| 5. Starting Voltage     | 380 VAC                                     |
| 6. Input Current        | 7.9 A                                       |
| 7. Input Power          | 4700 W                                      |
| 8. Rated Speed          | 1850 ±5% RPM                                |
| 9. Rotation             | Clockwise, seen on rotor                    |
| 10. Air Flow            | 19200 m <sup>3</sup> /h                     |
| 11. Static Air Pressure | 1500 Pa                                     |
| 12. Soft Start          | Yes   |
| 13. Speed Control       | PWM or 0~10VDC                              |
| 14. Tachometer Output   | Open collector, 12 Pulses/Rev               |
| 15. Auto Restart        | Yes   |
| 16. Alarm Output        | No  |
| 17. Noise Level         | 91 dB(A)                                    |
| 18. Lead Wire           | RVVP 3*L=1500mm<br>RVVP 4*L=1500mm          |
| 19. Connector           | No  |
| 20. Ambient temperature | -25~60°C                                    |
| 21. Life Expectance     | ≧40,000 hours continuous operating at 25°C  |
| 22. Insulation class    | "F"   |
| 23. Operation mode      | Continuous operation (S1)                   |
| 24. Type of protection  | IP54  |
| 25. Number of blades    | 6   |
| 26. Dielectric Strength | 2200VAC/60Hz, 1 min, Leakage current ≤10 mA |
| 27. Net Weight          | 67.0 kg                                     |
| 28. Packing             | Corrugated carton, pcs/carton               |

# PERFORMANCE CURVES



| 项目<br>ITEM | 电压<br>VOLTAGE | 频率<br>FREQUENCY | 转速<br>SPEED | 功率<br>POWER | 电流<br>CURRENT | 风量<br>AIRFLOW | 静压<br>PRESSURE | Vsp | 项目<br>ITEM | 电压<br>VOLTAGE | 频率<br>FREQUENCY | 转速<br>SPEED | 功率<br>POWER | 电流<br>CURRENT | 风量<br>AIRFLOW | 静压<br>PRESSURE | 转速<br>SPEED |
|------------|---------------|-----------------|-------------|-------------|---------------|---------------|----------------|-----|------------|---------------|-----------------|-------------|-------------|---------------|---------------|----------------|-------------|
| 单位<br>UNIT | [V]           | [Hz]            | [r/min]     | [W]         | [A]           | [m³/h]        | [Pa]           | [V] | 单位<br>UNIT | [V]           | [Hz]            | [r/min]     | [W]         | [A]           | [m³/h]        | [Pa]           | [r/min]     |
| 1          | 3相380         | 50/60           | 1823        | 4445        | 7.20          | 19184         | 0              | 10  | 16         | 3相380         | 50/60           | 1325        | 1686        | 2.85          | 13888         | 0              | 6           |
| 2          | 3相380         | 50/60           | 1828        | 5500        | 8.92          | 17495         | 405            |     | 17         | 3相380         | 50/60           | 1327        | 2147        | 3.54          | 12883         | 210            |             |
| 3          | 3相380         | 50/60           | 1723        | 5576        | 9.00          | 13784         | 857            |     | 18         | 3相380         | 50/60           | 1324        | 2398        | 3.92          | 11289         | 405            |             |
| 4          | 3相380         | 50/60           | 1750        | 5534        | 9.41          | 8881          | 1261           |     | 19         | 3相380         | 50/60           | 1324        | 2558        | 4.21          | 9073          | 624            |             |
| 5          | 3相380         | 50/60           | 1823        | 4588        | 8.04          | 4809          | 1412           |     | 20         | 3相380         | 50/60           | 1323        | 2348        | 3.84          | 6751          | 721            |             |
| 6          | 3相380         | 50/60           | 1700        | 3730        | 6.10          | 18148         | 0              | 7.5 | 21         | 3相380         | 50/60           | 1092        | 971         | 1.69          | 11393         | 0              | 5           |
| 7          | 3相380         | 50/60           | 1700        | 4051        | 6.57          | 16921         | 205            |     | 22         | 3相380         | 50/60           | 1093        | 1286        | 2.21          | 10045         | 198            |             |
| 8          | 3相380         | 50/60           | 1700        | 4552        | 7.39          | 15975         | 406            |     | 23         | 3相380         | 50/60           | 1095        | 1450        | 2.46          | 7421          | 421            |             |
| 9          | 3相380         | 50/60           | 1700        | 5163        | 8.36          | 13489         | 813            |     | 24         | 3相380         | 50/60           | 1083        | 1312        | 2.23          | 5496          | 483            |             |
| 10         | 3相380         | 50/60           | 1700        | 4981        | 8.16          | 8675          | 1191           |     | 25         | 3相380         | 50/60           | 1089        | 978         | 1.71          | 2872          | 504            |             |
| 11         | 3相380         | 50/60           | 1433        | 2087        | 3.45          | 14972         | 0              | 6.5 | 26         | 3相380         | 50/60           | 874         | 525         | 1.00          | 9078          | 0              | 4           |
| 12         | 3相380         | 50/60           | 1437        | 2594        | 4.26          | 14039         | 208            |     | 27         | 3相380         | 50/60           | 874         | 654         | 1.23          | 8078          | 104            |             |
| 13         | 3相380         | 50/60           | 1441        | 2934        | 4.79          | 12816         | 400            |     | 28         | 3相380         | 50/60           | 874         | 767         | 1.39          | 6621          | 237            |             |
| 14         | 3相380         | 50/60           | 1454        | 3363        | 5.49          | 9972          | 746            |     | 29         | 3相380         | 50/60           | 874         | 713         | 1.30          | 4411          | 315            |             |
| 15         | 3相380         | 50/60           | 1453        | 3129        | 5.08          | 7448          | 876            |     | 30         | 3相380         | 50/60           | 876         | 536         | 1.02          | 2305          | 328            |             |



Product Outline

