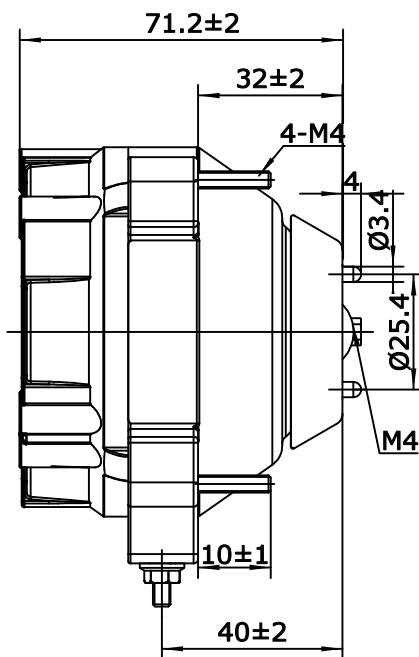
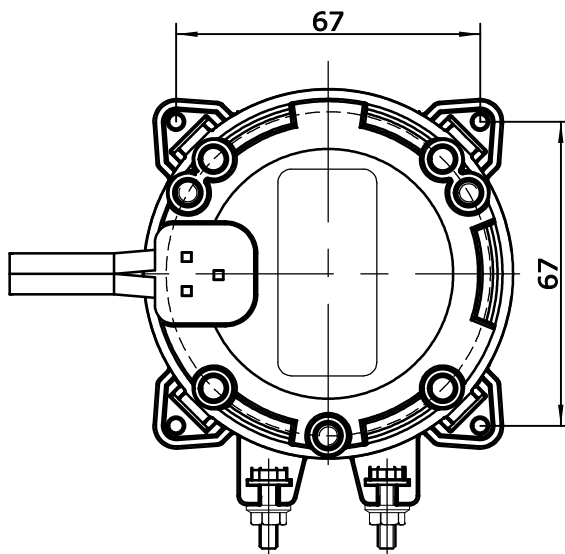




**WEIGUANG®** ECM5312ABADAH XXXXX  
100~240V 50/60Hz C.I.F  
0.45A 16/24W IP65  
1300r/min **CE** WY:XX/XXXXX  
Hangzhou Weiguang Electronic CO.,LTD.

Diagram illustrating the connection for a 100-240V/50/60Hz motor (M) using BLUE and BROWN wires.



|                        |                                                        |  |  |
|------------------------|--------------------------------------------------------|--|--|
| MOTOR                  | Electronically Commutated Motor                        |  |  |
| MOTOR TYPE             | ECM5312ABADAH                                          |  |  |
| VOLTAGE (V)            | 100-240                                                |  |  |
| FREQUENCY (Hz)         | 50/60                                                  |  |  |
| OUTPUT/INPUT POWER (W) | 16/24                                                  |  |  |
| CURRENT (A)            | 0.45                                                   |  |  |
| SPEED (r/min)          | 1300                                                   |  |  |
| FAN BLADES             | Φ 254 / 28°S(MAX)                                      |  |  |
| ROTATION               | CCW (looking towards the shaft)                        |  |  |
| AIRFLOW DIRECTION      | Sucking or Blowing                                     |  |  |
| INSULATION CLASS       | F                                                      |  |  |
| TEMPERATURE RISE       | 50K max (with load)                                    |  |  |
| PROTECTION CLASS       | IP 65                                                  |  |  |
| OPERATING TYPE         | S1                                                     |  |  |
| MOUNTING TYPE          | Horizontal or Vertical                                 |  |  |
| AMBIENT TEMPERATURE    | -30°C +60°C                                            |  |  |
| BEARINGS               | Ball bearings                                          |  |  |
| ELECTRICAL CONNECTION  | 2×0.5mm <sup>2</sup> lead wire<br>500±40mm free length |  |  |
| HI-POT TEST            | 1800V 1s                                               |  |  |
| WEIGHT PER UNIT        | 0.37kg                                                 |  |  |
| PACKING                | 40PCS/CTN                                              |  |  |

|      |             |          |      |  |  |  |                  |            |                                                                                                                                |
|------|-------------|----------|------|--|--|--|------------------|------------|--------------------------------------------------------------------------------------------------------------------------------|
|      |             |          |      |  |  |  | SIGN             | DATE       | ECM5312ABADAH                                                                                                                  |
|      |             |          |      |  |  |  | DRN.BY<br>HEYUQI | 2026.05.04 |                                                                                                                                |
|      |             |          |      |  |  |  | CHD.BY           |            |                                                                                                                                |
|      |             |          |      |  |  |  | ENG.BY           |            |                                                                                                                                |
| REV. | DESCRIPTION | APPROVED | DATE |  |  |  | APP.BY           |            |  <div>SCALE:</div> <div>SHEET: 1 of</div> |