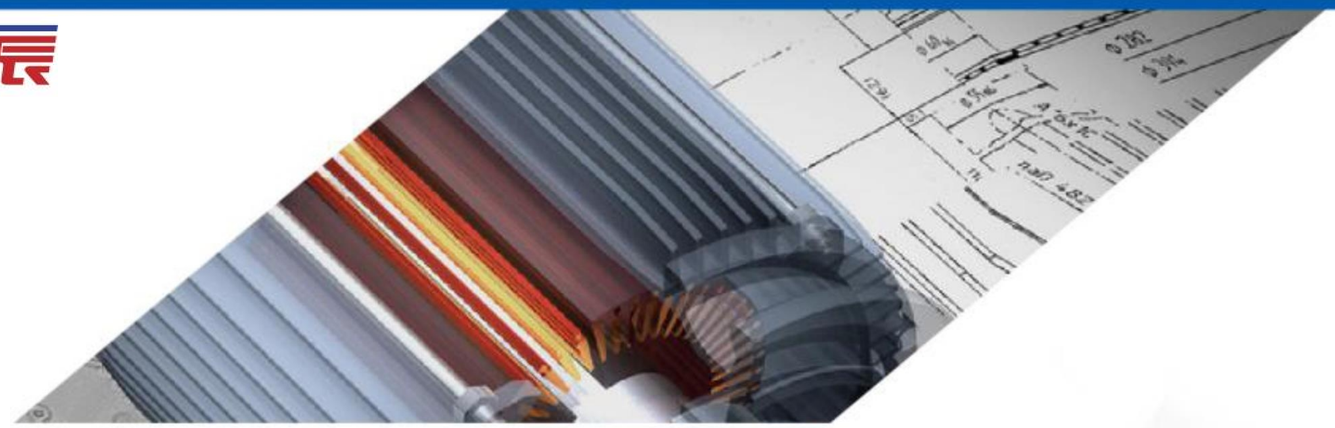
CHUZHOU SINOSTAR HOME APPLIANCES TECHNOLOGY CO.,LTD.
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CHUZHOU SINOSTAR HOME APPLIANCES TECHNOLOGY CO.,LTD.



SINOSTAR中辰









# CHUZHOU SINOSTAR HOME APPLIANCES TECHNOLOGY CO.,LTD.



1


ZC 系列单相4极罩极异步电动机产品概述
ZC Series Single-phase 4-shaded-pole Asynchronous Motor Product Introduction

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# ZC SERIES SINGLE-PHASE 4-SHADED-POLE ASYNCHRONOUS MOTOR PRODUCT INTRODUCTION

◆ **ZC** 系列电机为单相4极罩极异步电动机，额定电压为220-240V/50/60Hz或110-120V 60Hz。广泛应用在冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备。
◆ 电机的绝缘等级为E级，防护等级为IP41，可根据客户要求生产防护等级为IP44的电机。
◆额定功率在10W以下的电动机采用阻抗保护，额定功率大于10W采用热保护器，热保护器的断开温度为：135℃±5℃或150℃±5℃。
◆ 适用环境温度为：-30℃～+50℃。
◆ 电机平均使用寿命为20000小时以上。
◆ 电机通过CE、CCC认证。
◆ 电机使用前，必须将电机接地线与外部接地装置有效连接。

◆ ZC series motors involve single-phase 4-shaded-pole asynchronous motors, and the rated voltage is 220-240V/50/60Hz or 110-120V 60Hz. Products are widely applied in refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
◆The motor’ s insulation grade is Grade E, and the protection class is IP41. The company may produce the motor with the protection class of IP44 according to the client requirements.
◆The motor with the rated power of below 10W adopts the impedance protection; the motor with the rated power of over 10W uses the thermal protector. The thermal protector’ s disconnection temperature is 135℃±5℃ or 150℃±5℃.
◆Applicable environmental temperature: -30℃～+50℃.
◆ The average service life of motors is over 20,000 hours.
◆The motor has obtained many certifications like CE and CCC.
◆ Before the motor is used, it is required to effectively connect the grounding wire of motors to the external grounding device.





## 型号说明
## Model description

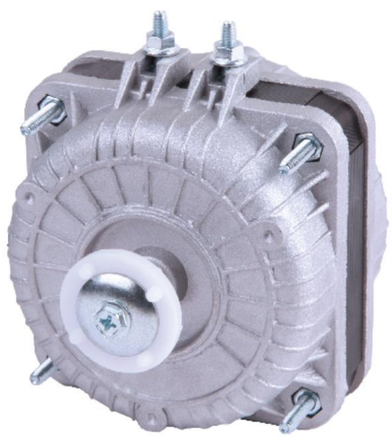
例如
For example:

ZC 48N - 25W
- 25W：输入功率 Input power
- 48N：型号编码 Model coding
- ZC：罩极异步电动机 Shaded pole asynchronous motor

ZC 13 - 2
- 2：额定输出功率 Rated out power
- 13：定子铁芯厚度 Stator core thickness
- ZC：罩极异步电动机 Shaded pole asynchronous motor

ZC - 2
- 2：额定输出功率 Rated out power
- ZC：罩极异步电动机 Shaded pole asynchronous motor

# ZC SERIES MOTOR



**产品说明 Product description**

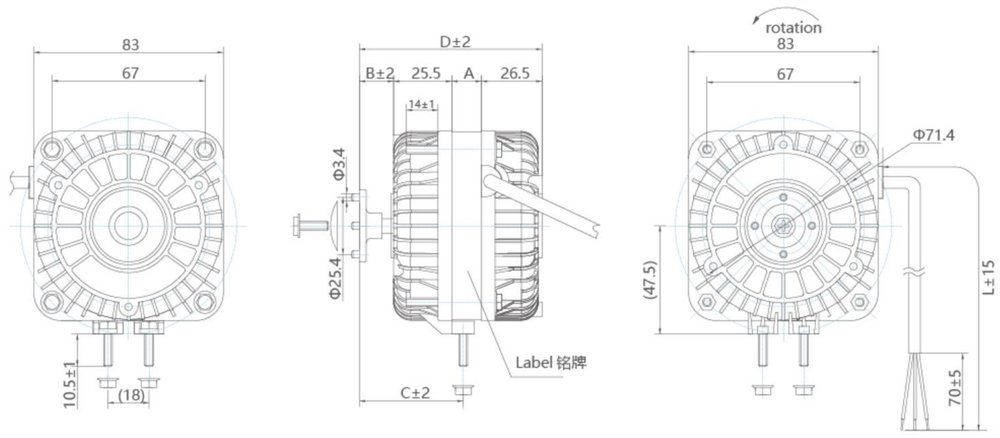
1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor' s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class E
防护等级： IP41 环境温度： -30℃～+50℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class E
Protection Class: : IP41 Environmental Temperature: : -30℃～+50℃

CCW

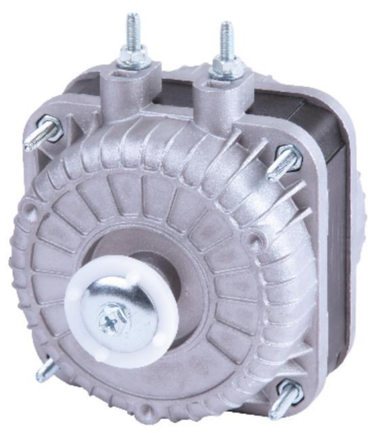



**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 kg | Size 尺寸 A mm | B mm | C mm | D mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W<br>ZC48N-35W | 220-240 | 50/60 | 25 | 3.5 | 0.145 | 1300 | 260 | Ø170 | 0.8 | 13 | 15 | 45 | 80 | CCC,CE |
| | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 15 | 45 | 80 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1450 | 450 | Ø200 | 0.8 | 13 | 15 | 45 | 80 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.26 | 1300 | 650 | Ø230 | 1.0 | 19 | 16 | 46 | 87 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1450 | 650 | Ø230 | 1.0 | 19 | 16 | 46 | 87 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 16 | 46 | 93 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1450 | 900 | Ø250 | 1.3 | 25 | 16 | 46 | 93 | |
| ZC48N-75W | 220-240 | 50/60 | 75 | 20 | 0.57 | 1300 | 1000 | Ø254 | 1.6 | 30 | 15 | 45 | 97 | CCC,CE |
| | 110-120 | 60 | 75 | 20 | 1.1 | 1450 | 1000 | Ø254 | 1.6 | 30 | 15 | 45 | 97 | |
| ZC48N-90W | 220-240 | 50/60 | 90 | 25 | 0.6 | 1300 | 1100 | Ø300 | 1.9 | 40 | 14 | 44 | 106 | CCC,CE |
| | 110-120 | 60 | 90 | 25 | 1.4 | 1450 | 1100 | Ø300 | 1.9 | 40 | 14 | 44 | 106 | |
| ZC48N-110W | 220-240 | 50/60 | 110 | 34 | 0.85 | 1300 | 1100 | Ø300 | 2.2 | 45 | 14 | 44 | 112 | CCC,CE |
| | 110-120 | 60 | 110 | 34 | 1.5 | 1450 | 1100 | Ø300 | 2.2 | 45 | 14 | 44 | 112 | |



# ZC SERIES MOTOR



**产品说明 Product description**

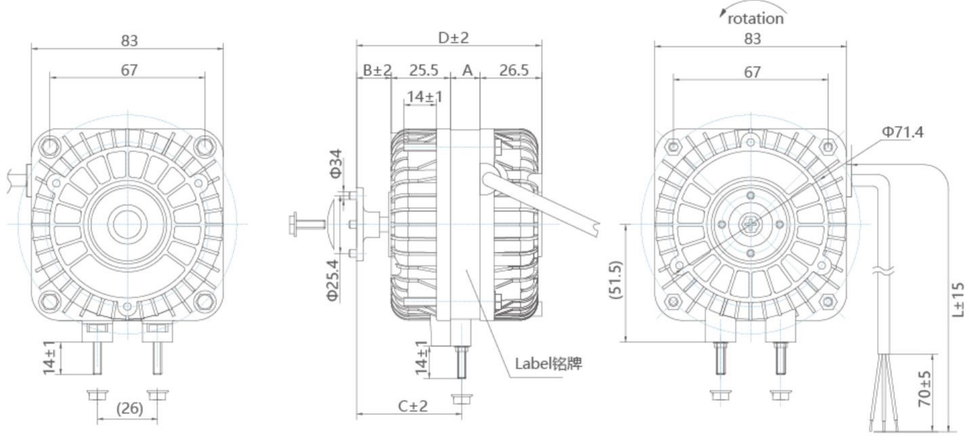
1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor' s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class E
防护等级： IP41 环境温度： -30℃～+50℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class E
Protection Class: : IP41 Environmental Temperature: : -30℃～+50℃

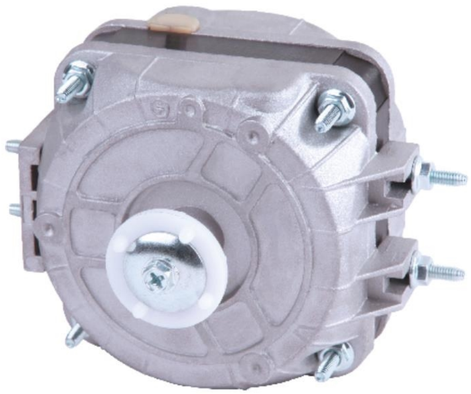
CCW




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 Kg | Size 尺寸 A mm | B mm | C mm | D mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W<br>ZC48N-35W | 220-240 | 50/60 | 25 | 3.5 | 0.15 | 1300 | 260 | Ø170 | 0.8 | 13 | 15 | 45 | 80 | CCC,CE |
| | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 15 | 45 | 80 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1450 | 450 | Ø200 | 0.8 | 13 | 15 | 45 | 80 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.25 | 1300 | 650 | Ø230 | 1.0 | 19 | 16 | 46 | 87 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1450 | 650 | Ø230 | 1.0 | 19 | 16 | 46 | 87 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 16 | 46 | 93 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1450 | 900 | Ø250 | 1.3 | 25 | 16 | 46 | 93 | |
| ZC48N-75W | 220-240 | 50/60 | 75 | 20 | 0.5 | 1300 | 1000 | Ø254 | 1.6 | 30 | 15 | 45 | 97 | CCC,CE |
| | 110-120 | 60 | 75 | 20 | 1.1 | 1450 | 1000 | Ø254 | 1.6 | 30 | 15 | 45 | 97 | |
| ZC48N-90W | 220-240 | 50/60 | 90 | 25 | 0.7 | 1300 | 1100 | Ø300 | 1.9 | 40 | 14 | 44 | 106 | CCC,CE |
| | 110-120 | 60 | 90 | 25 | 1.4 | 1450 | 1100 | Ø300 | 1.9 | 40 | 14 | 44 | 106 | |
| ZC48N-110W | 220-240 | 50/60 | 110 | 34 | 0.85 | 1300 | 1100 | Ø300 | 1.9 | 45 | 14 | 44 | 115 | CCC,CE |
| | 110-120 | 60 | 110 | 34 | 1.5 | 1450 | 1100 | Ø300 | 1.9 | 45 | 14 | 44 | 115 | |

# ZC SERIES MOTOR



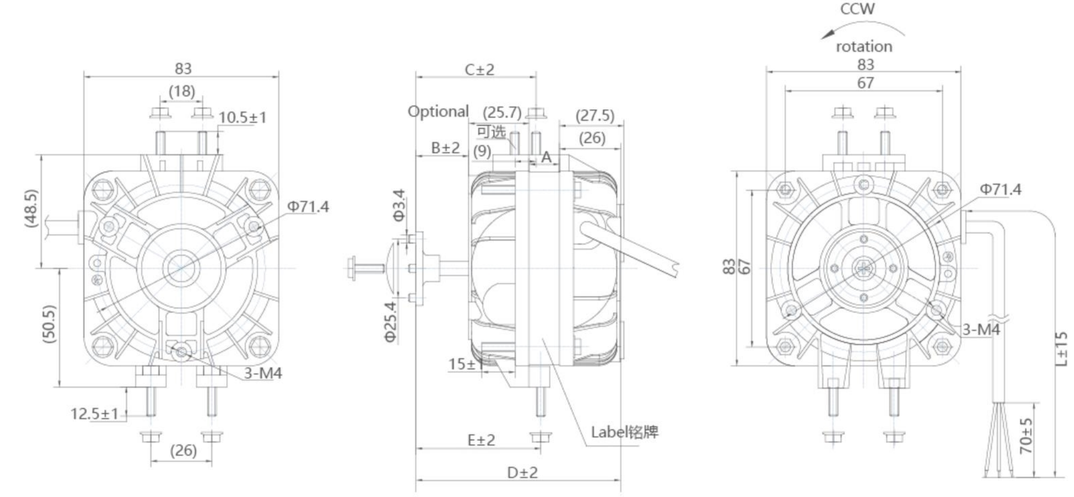
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class E
防护等级： IP41 环境温度： -30℃～+50℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class E
Protection Class: : IP41 Environmental Temperature: : -30℃～+50℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 kg | Size尺寸 A mm | B mm | C mm | D mm | E mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W<br>ZC48N-35W | 220-240 | 50/60 | 25 | 3.5 | 0.145 | 1300 | 260 | Ø170 | 0.8 | 13 | 15 | 43 | 79 | 46 | CCC,CE |
| | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 15 | 43 | 79 | 46 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1550 | 450 | Ø200 | 0.8 | 13 | 15 | 43 | 79 | 46 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.26 | 1300 | 650 | Ø230 | 1.0 | 19 | 16 | 51 | 87 | 47 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1550 | 650 | Ø230 | 1.0 | 19 | 16 | 51 | 87 | 47 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 16 | 57 | 93 | 47 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1550 | 900 | Ø250 | 1.3 | 25 | 16 | 57 | 93 | 47 | |
| ZC48N-75W | 220-240 | 50/60 | 75 | 20 | 0.57 | 1300 | 1000 | Ø254 | 1.6 | 30 | 15 | 61 | 97 | 46 | CCC,CE |
| | 110-120 | 60 | 75 | 20 | 1.1 | 1550 | 1000 | Ø254 | 1.6 | 30 | 15 | 61 | 97 | 46 | |
| ZC48N-90W | 220-240 | 50/60 | 90 | 25 | 0.6 | 1300 | 1100 | Ø300 | 1.9 | 40 | 14 | 70 | 106 | 45 | CCC,CE |
| | 110-120 | 60 | 90 | 25 | 1.4 | 1550 | 1100 | Ø300 | 1.9 | 40 | 14 | 70 | 106 | 45 | |
| ZC48N-110W | 220-240 | 50/60 | 110 | 34 | 0.85 | 1300 | 1100 | Ø300 | 2.2 | 45 | 14 | 70 | 112 | 45 | CCC,CE |
| | 110-120 | 60 | 110 | 34 | 1.5 | 1550 | 1100 | Ø300 | 2.2 | 45 | 14 | 70 | 112 | 45 | |



# ZC SERIES MOTOR（BALL BEARING MOTOR）



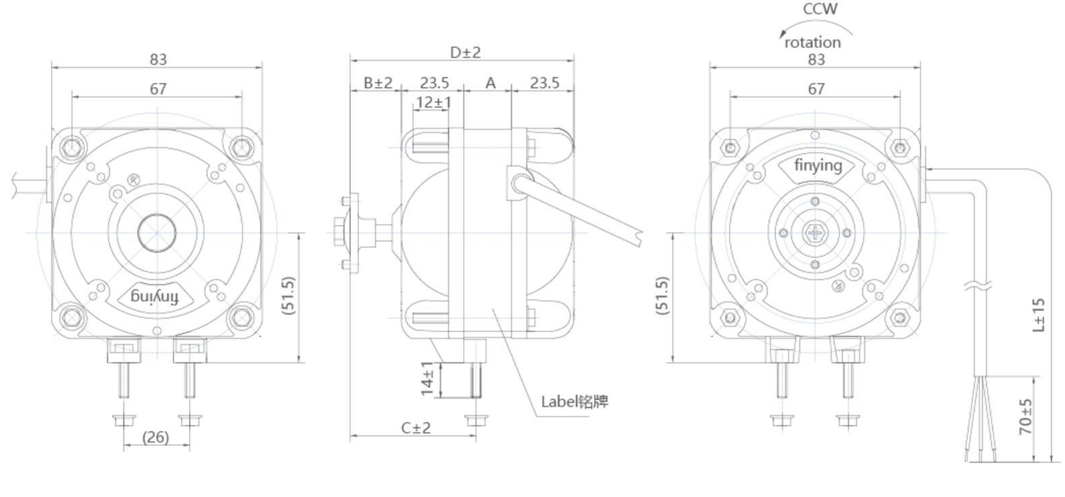
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class E
防护等级： IP41 环境温度： -30℃～+50℃

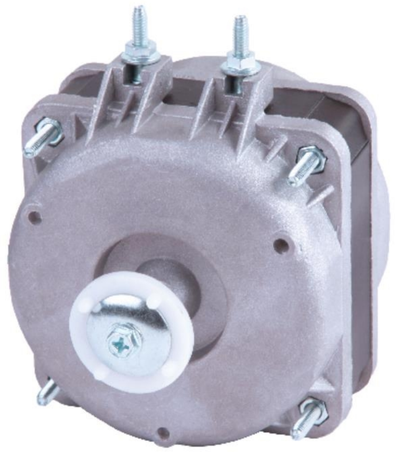
**Instructions for Use** Operating mode: : S1 Insulation grade: : Class E
Protection Class: : IP41 Environmental Temperature: : -30℃～+50℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 kg | Size尺寸 A mm | B mm | C mm | D mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W<br>ZC48N-35W | 220-240 | 50/60 | 25 | 3.5 | 0.145 | 1300 | 260 | Ø170 | 0.8 | 13 | 20 | 43 | 79 | CCC,CE |
| | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 20 | 43 | 79 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1550 | 450 | Ø200 | 0.8 | 13 | 20 | 43 | 79 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.26 | 1300 | 650 | Ø230 | 1.0 | 19 | 20 | 51 | 87 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1550 | 650 | Ø230 | 1.0 | 19 | 20 | 51 | 87 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 20 | 57 | 93 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1550 | 900 | Ø250 | 1.3 | 25 | 20 | 57 | 93 | |
| ZC48N-75W | 220-240 | 50/60 | 75 | 20 | 0.57 | 1300 | 1000 | Ø254 | 1.6 | 30 | 20 | 61 | 97 | CCC,CE |
| | 110-120 | 60 | 75 | 20 | 1.1 | 1550 | 1000 | Ø254 | 1.6 | 30 | 20 | 61 | 97 | |
| ZC48N-90W | 220-240 | 50/60 | 90 | 25 | 0.6 | 1300 | 1100 | Ø300 | 1.9 | 40 | 20 | 70 | 106 | CCC,CE |
| | 110-120 | 60 | 90 | 25 | 1.4 | 1550 | 1100 | Ø300 | 1.9 | 40 | 20 | 70 | 106 | |
| ZC48N-110W | 220-240 | 50/60 | 110 | 34 | 0.85 | 1300 | 1100 | Ø300 | 2.2 | 45 | 20 | 70 | 112 | CCC,CE |
| | 110-120 | 60 | 110 | 34 | 1.5 | 1550 | 1100 | Ø300 | 2.2 | 45 | 20 | 70 | 112 | |

# ZC SERIES MOTOR



**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1　绝缘等级： Class E
防护等级： IP41　环境温度： -30℃～+50℃

**Instructions for Use** Operating mode: : S1　Insulation grade: : Class E
Protection Class: : IP41　Environmental Temperature: : -30℃～+50℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 kg | Size 尺寸 A mm | B mm | C mm | D mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W | 220-240 | 50/60 | 25 | 3.5 | 0.145 | 1300 | 260 | Ø170 | 0.8 | 13 | 17 | 44 | 76 | CCC,CE |
| ZC48N-35W | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 17 | 44 | 76 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1550 | 450 | Ø200 | 0.8 | 13 | 17 | 44 | 76 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.26 | 1300 | 650 | Ø230 | 1.0 | 19 | 18 | 51 | 83 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1550 | 650 | Ø230 | 1.0 | 19 | 18 | 51 | 83 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 18 | 57 | 89 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1550 | 900 | Ø250 | 1.3 | 25 | 18 | 57 | 89 | |
| ZC48N-75W | 220-240 | 50/60 | 75 | 20 | 0.57 | 1300 | 1000 | Ø254 | 1.6 | 30 | 17 | 60 | 93 | CCC,CE |
| | 110-120 | 60 | 75 | 20 | 1.1 | 1550 | 1000 | Ø254 | 1.6 | 30 | 17 | 60 | 93 | |
| ZC48N-90W | 220-240 | 50/60 | 90 | 25 | 0.6 | 1300 | 1100 | Ø300 | 1.9 | 40 | 16 | 69 | 102 | CCC,CE |
| | 110-120 | 60 | 90 | 25 | 1.4 | 1550 | 1100 | Ø300 | 1.9 | 40 | 16 | 69 | 102 | |
| ZC48N-110W | 220-240 | 50/60 | 110 | 34 | 0.85 | 1300 | 1100 | Ø300 | 2.2 | 45 | 16 | 69 | 107 | CCC,CE |
| | 110-120 | 60 | 110 | 34 | 1.5 | 1550 | 1100 | Ø300 | 2.2 | 45 | 16 | 69 | 107 | |



# ZC SERIES MOTOR（SPRAYING MOTOR）



**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1　环境温度： -30℃～+50℃
绝缘等级： Class E

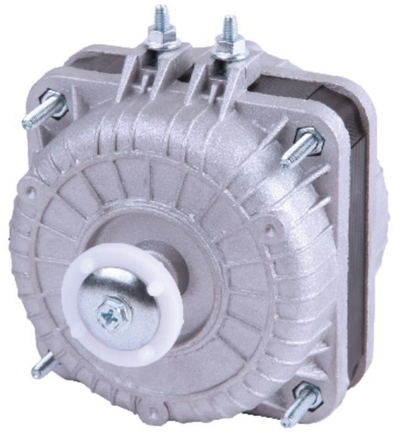
**Instructions for Use** Operating mode: : S1　Environmental Temperature: : -30℃～+50℃
Insulation grade: : Class E




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 kg | Size 尺寸 mm | B mm | C mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W | 220-240 | 50/60 | 25 | 3.5 | 0.145 | 1300 | 260 | Ø170 | 0.8 | 13 | 15 | 43 | CCC,CE |
| ZC48N-35W | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 15 | 43 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1550 | 450 | Ø200 | 0.8 | 13 | 15 | 43 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.26 | 1300 | 650 | Ø230 | 1.0 | 19 | 16 | 51 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1550 | 650 | Ø230 | 1.0 | 19 | 16 | 51 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 16 | 57 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1550 | 900 | Ø250 | 1.3 | 25 | 16 | 57 | |
| ZC48N-75W | 220-240 | 50/60 | 75 | 20 | 0.57 | 1300 | 1000 | Ø254 | 1.6 | 30 | 15 | 61 | CCC,CE |
| | 110-120 | 60 | 75 | 20 | 1.1 | 1550 | 1000 | Ø254 | 1.6 | 30 | 15 | 61 | |
| ZC48N-90W | 220-240 | 50/60 | 90 | 25 | 0.6 | 1300 | 1100 | Ø300 | 1.9 | 40 | 14 | 70 | CCC,CE |
| | 110-120 | 60 | 90 | 25 | 1.4 | 1550 | 1100 | Ø300 | 1.9 | 40 | 14 | 70 | |
| ZC48N-110W | 220-240 | 50/60 | 110 | 34 | 0.85 | 1300 | 1100 | Ø300 | 2.2 | 45 | 14 | 78 | CCC,CE |
| | 110-120 | 60 | 110 | 34 | 1.5 | 1550 | 1100 | Ø300 | 2.2 | 45 | 14 | 78 | |

# ZC SERIES MOTOR(ALUMINUM WIRE MOTOR)



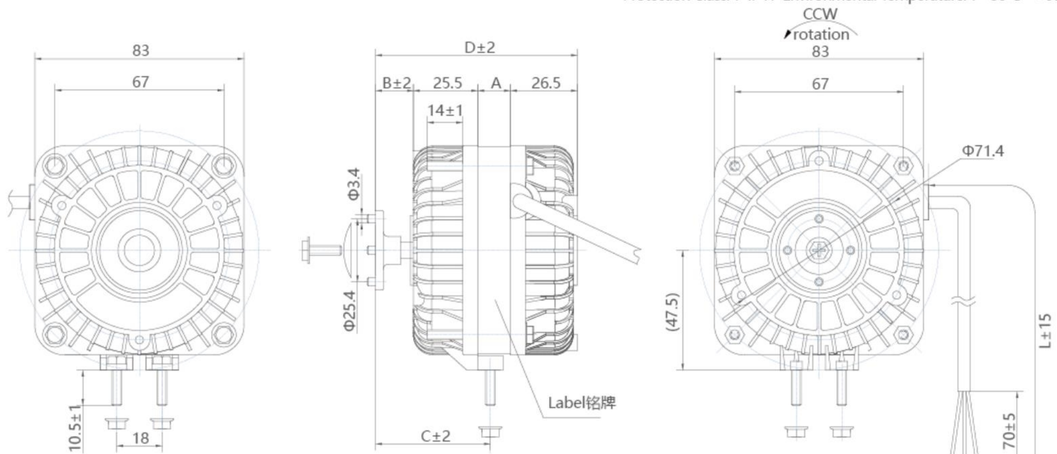
**产品说明 Product description**

1、本系列电机采用纯铝漆包线，相比铜线电机价格更有优势，同时性能基本和铜线电机一致；
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor adopts the pure aluminum enameled wire, more advantageous than copper wire motors in the aspect of price. Its performance is basically consistent with that of the cooper wire motor.
2. This series of motors are applicable to refrigeration equipment such as refrigerator, freezer, wine cabinet, fresh-keeping cabinet, radiator, evaporator, etc.
3. The Rated power line specification and size "L" of this series of motors can be produced according to customer's requirements.

**使用说明** 工作方式： S1 绝缘等级： Class E
防护等级： IP41 环境温度： -30℃～+50℃

**Instructions for Use** Operating mode:： S1 Insulation grade:： Class E
Protection Class:： IP41 Environmental Temperature:： -30℃～+50℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Fan blade 风叶型号 mm | Net weight 净重 kg | Size尺寸 A mm | B mm | C mm | D mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZC-3 | 220-240 | 50/60 | 29 | 3 | 0.17 | 1300 | 450 | Ø200 | 0.8 | 13 | 15 | 45 | 80 | CCC,CE |
| | 110-120 | 60 | 29 | 3 | 0.4 | 1450 | 450 | Ø200 | 0.8 | 13 | 15 | 45 | 80 | |
| ZC-7 | 220-240 | 50/60 | 40 | 7 | 0.26 | 1300 | 650 | Ø230 | 1.0 | 19 | 16 | 46 | 87 | CCC,CE |
| | 110-120 | 60 | 40 | 7 | 0.53 | 1450 | 650 | Ø230 | 1.0 | 19 | 16 | 46 | 87 | |
| ZC-12 | 220-240 | 50/60 | 60 | 12 | 0.37 | 1300 | 900 | Ø250 | 1.3 | 25 | 16 | 46 | 93 | CCC,CE |
| | 110-120 | 60 | 60 | 12 | 0.65 | 1450 | 900 | Ø250 | 1.3 | 25 | 16 | 46 | 93 | |



# ZC SERIES MOTOR(WATER PUMP MOTOR)



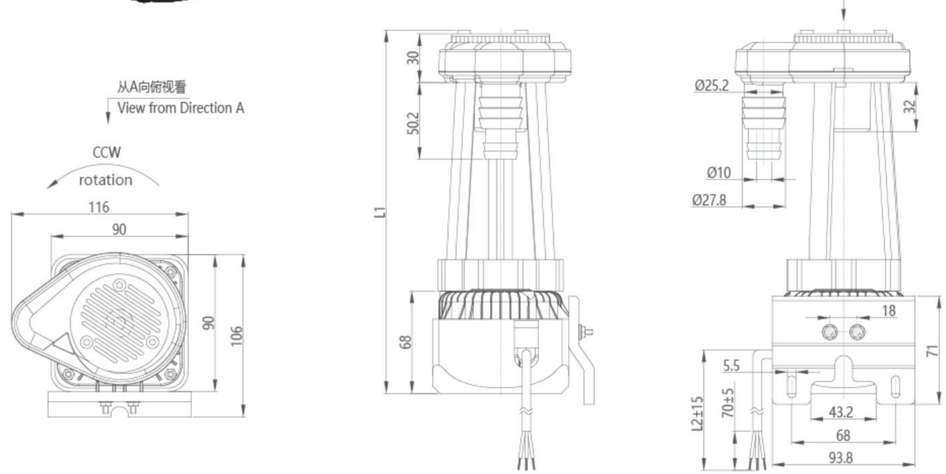
**产品说明 Product description**

1、本系列水泵产品体积小、流量大、扬程高、噪音低、寿命长等特点；水泵泵体及叶轮设计合理，水阻小、效率高。采用最新电机优化设计技术，解决了传统水泵电机发热量大等问题。
2、本系列电机适用于制冰机制冷设备；
3、本系列电机的引出线规格及尺寸“L2”可根据用户要求生产。

1. This series water pump product has advantages, such as small volume, big flow, high head, low noise and long service life; the water pump body and impeller are reasonably designed, with small water resistance and high efficiency. The latest motor optimization design technology is adopted to solve problems like large heat release of traditional water pump motors.
2. This series motor is applicable to ice-making machines and other refrigeration equipment.
3. This series motor’ s outgoing line specification and dimension “L2” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class E
防护等级： IP41 环境温度： -30℃～+50℃

**Instructions for Use** Operating mode:： S1 Insulation grade:： Class E
Protection Class:： IP41 Environmental Temperature:： -30℃～+50℃

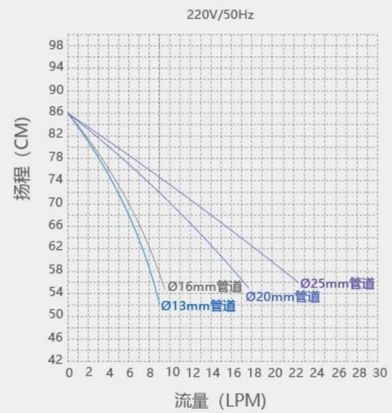



**电机性能参数表 Motor performance parameter table**

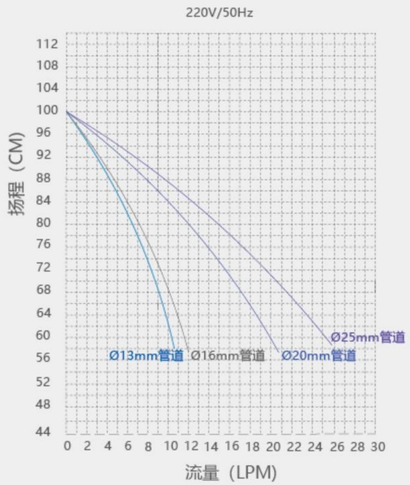
| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Size 尺寸 厚度 mm | L1 mm | License 认证 |
|---|---|---|---|---|---|---|---|---|---|
| ZC48N-25W ZC48N-35W | 220-240 | 50/60 | 25 | 3.5 | 0.145 | 1300 | 13 | 210 | CCC,CE |
| | 220-240 | 50/60 | 35 | 5 | 0.17 | 1300 | 13 | 210 | CCC,CE |
| | 110-120 | 60 | 35 | 5 | 0.4 | 1550 | 13 | 210 | |
| ZC48N-40W | 220-240 | 50/60 | 40 | 10 | 0.26 | 1300 | 19 | 216 | CCC,CE |
| | 110-120 | 60 | 40 | 10 | 0.53 | 1550 | 19 | 216 | |
| ZC48N-60W | 220-240 | 50/60 | 60 | 16 | 0.37 | 1300 | 25 | 222 | CCC,CE |
| | 110-120 | 60 | 60 | 16 | 0.65 | 1550 | 25 | 222 | |

# ZC SERIES MOTOR ( WATER PUMP MOTOR FLOW CHART )

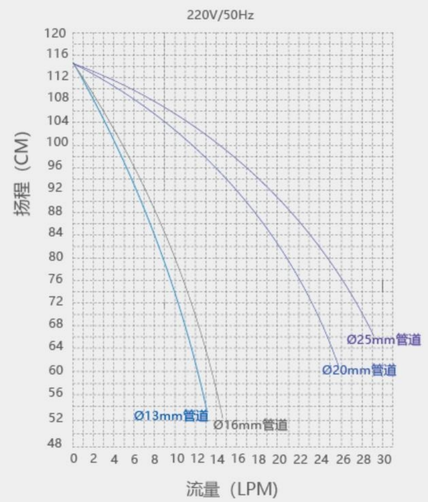
**ZC 48N-25W**



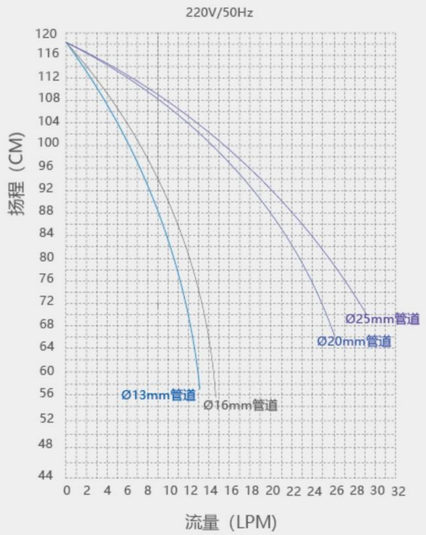

**ZC 48N-35W**




**ZC48N-40W**

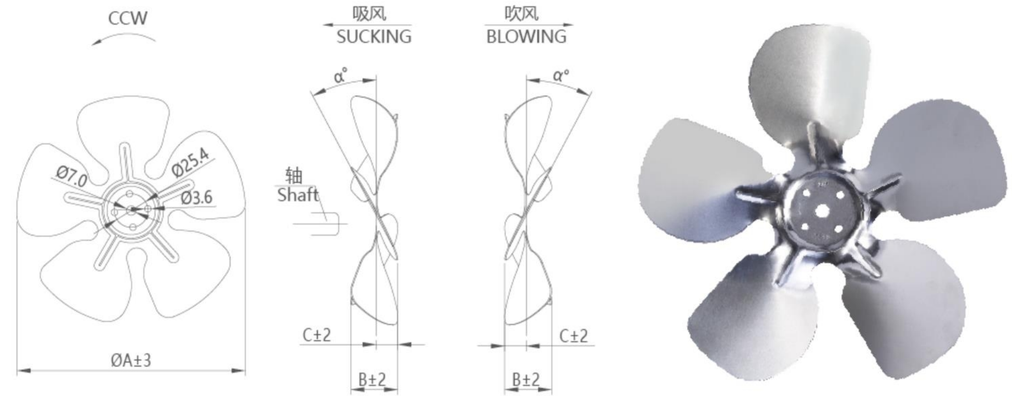



**ZC 48N-60W**






# ZC SERIES ACCESSORIES – (ALUMINUM FAN BLADE)



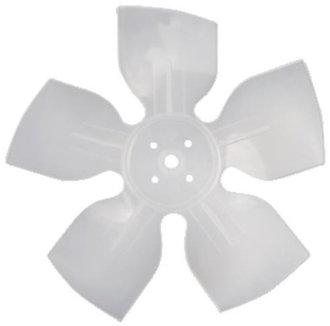

**风叶规格尺寸 Fan specification and dimension**

| Fan type 风叶型号 | α° / B / A mm / C | 19 ° | | 22 ° | | 25 ° | | 28 ° | | 31 ° | | 34 ° | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | B mm | C mm | B mm | C mm | B mm | C mm | B mm | C mm | B mm | C mm | B mm | C mm |
| Ø 154 | 152 | 23 | 12 | 26 | 13 | 29 | 15 | 32 | 17 | 36 | 18 | 39 | 21 |
| Ø 172 | 170 | 25 | 13 | 28 | 14 | 31 | 16 | 34 | 17 | 38 | 18 | 41 | 21 |
| Ø 200 | 196 | 27 | 14 | 30 | 15 | 33 | 17 | 36 | 19 | 40 | 21 | 43 | 24 |
| Ø 230 | 228 | 30 | 15 | 33 | 16 | 36 | 19 | 39 | 21 | 42 | 20 | 45 | 23 |
| Ø 250 | 244 | 31 | 15 | 34 | 16 | 37 | 19 | 40 | 20 | 43 | 21 | 45 | 22 |
| Ø 254 | 252 | 32 | 15 | 35 | 16 | 38 | 18 | 41 | 21 | 44 | 22 | 47 | 23 |
| Ø 300 | 296 | 37 | 18 | 41 | 21 | 44 | 22 | 48 | 24 | 52 | 26 | 52 | 27 |

**风叶选型 fan model selection**

| Model / Fan / α° | ZC48N-25W | | ZC48N-35W | | ZC48N-40W | | ZC48N-60W | | ZC48N-75W | | ZC48N-90W | | ZC48N-110W | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz |
| Ø 154 | 31 | 31 | | | | | | | | | | | | |
| Ø 172 | 31 | 31 | | | | | | | | | | | | |
| Ø 200 | 28 | 28 | 31 | 31 | 31 | 31 | | | | | | | | |
| Ø 230 | | | 28 | 28 | 28 | 28 | | | | | | | | |
| Ø 250 | | | | | 22 | 22 | 28 | 28 | | | | | | |
| Ø 254 | | | | | | | 28 | 25 | 31 | 28 | | | | |
| Ø 300 | | | | | | | | | 22 | 22 | 25 | 22 | 28 | 25 |

# ZC SERIES ACCESSORIES – (PLASTIC FAN BLADE)



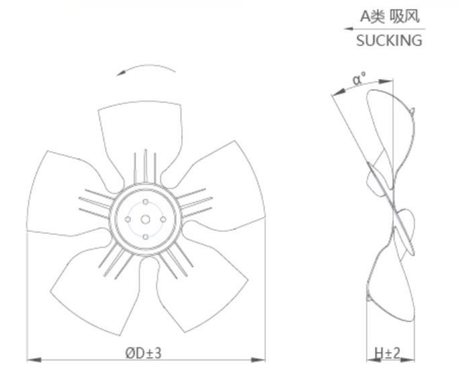
A类风叶
Fan Blade (Type A)

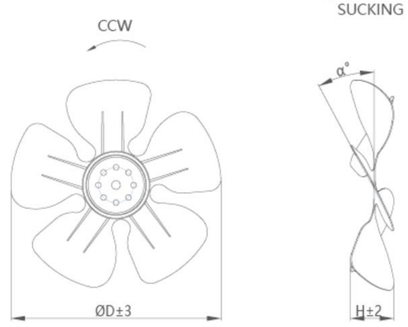


B类风叶
Fan Blade (Type B)



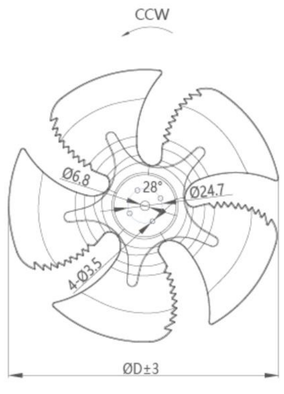
C类风叶
Fan Blade (Type C)











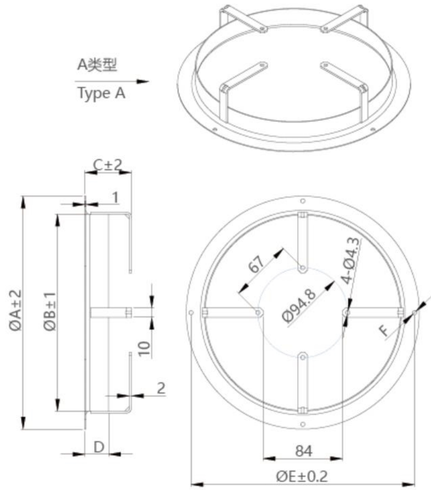


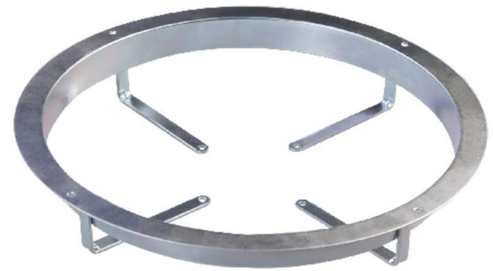
规格尺寸 Specification size

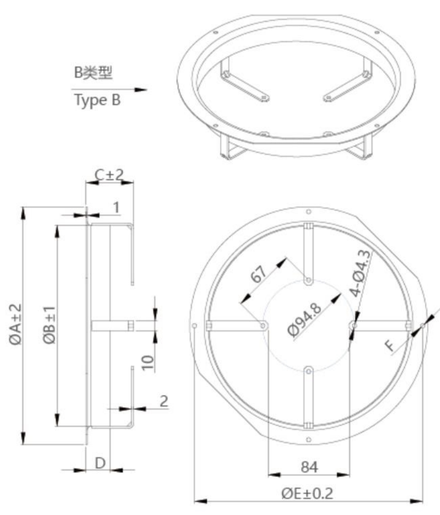
| Type/型号 / Size/尺寸 | A类 | B类 | C类 |
|---|---|---|---|
| | Ø170 | Ø200 | Ø200 |
| ØD | 170 mm | 200 mm | 200 mm |
| H | 30 | 34 | 36.5 |
| α° | 28° | 25° | 28° |
| 耐温 | 80 ℃ | 80 ℃ | 150 ℃ |



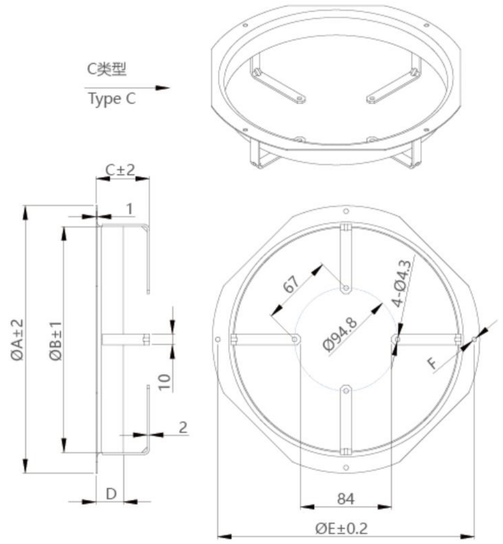
# ZC SERIES ACCESSORIES – (FLANGE)



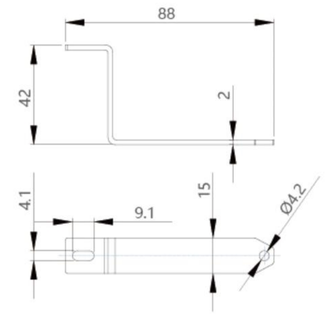





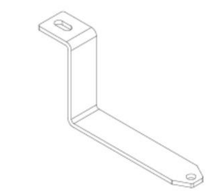





法兰脚
Flange foot





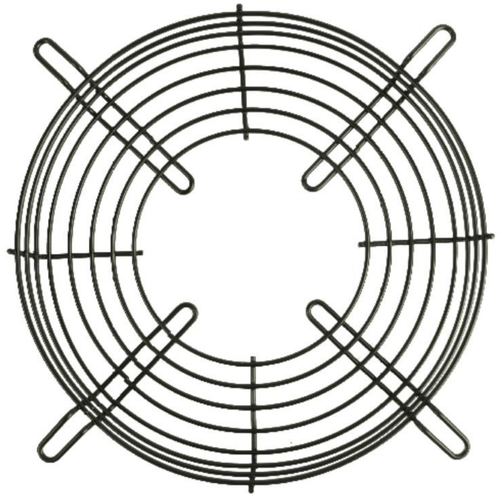
**规格尺寸 Specification size**

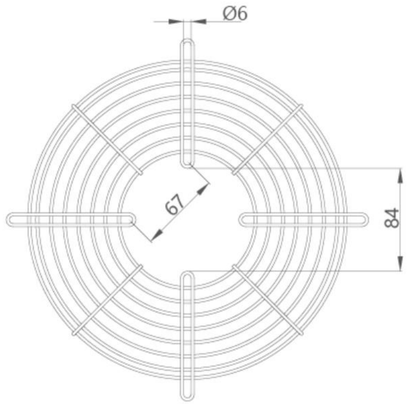
| Model/ 型号 | Type/ 类型 | Ø A /mm | Ø B/mm | C/mm | D/mm | Ø E/mm | F/mm | |
|---|---|---|---|---|---|---|---|---|
| Ø 154 | A/B/C | 200 | 162 | 49 | 25 | 190 | Ø 4.3 孔 | M4 牙 |
| Ø 172 | A/B/C | 223 | 180 | 49 | 25 | 208 | Ø 4.3 孔 | M4 牙 |
| Ø 200 | A/B/C | 246 | 208 | 49 | 25 | 236 | Ø 4.3 孔 | M4 牙 |
| Ø 230 | A/B/C | 278 | 238 | 49 | 25 | 266 | Ø 4.3 孔 | M4 牙 |
| Ø 254 | A/B/C | 300 | 268 | 49 | 25 | 290 | Ø 4.3 孔 | M4 牙 |
| Ø 300 | A/B/C | 378 | 308 | 49 | 30 | 365 | Ø 4.3 孔 | M4 牙 |





# ZC SERIES ACCESSORIES – (MESH ENCLOSURE)



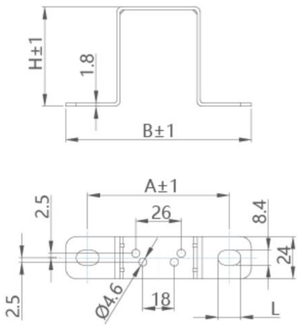



**规格尺寸 Specification size**

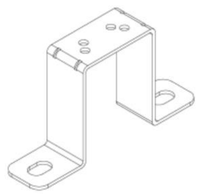
| TYPE/ 型号 / SIZE/ 尺寸 | Ø 154 | Ø 172 | Ø 200 | Ø 230 | Ø 254 | Ø 300 |
|---|---|---|---|---|---|---|
| A/mm | 170 | 188 | 214 | 246 | 270 | 324 |
| B/mm | 202 | 220 | 248 | 278 | 302 | 356 |
| C/mm | 190 | 208 | 236 | 266 | 290 | 344 |
| H/mm | 11 | 11 | 25 | 27 | 17 | 17 |

表中B、H尺寸可根据客户要求订制生产。
The dimensions B and H described in the table may be customized and produced according to the client requirements.

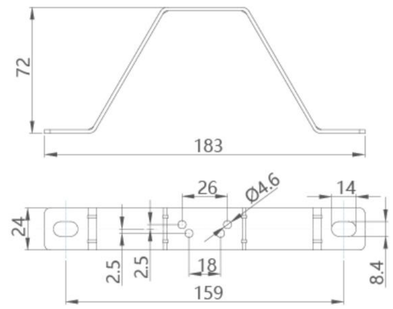
# ZC SERIES ACCESSORIES – (SUPPORT)



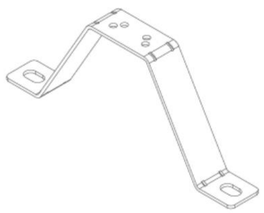

A类型
Type A








B类型
Type B





**A类型规格尺寸 Type A specification size**

| Type/ 型号 | H/mm | A/mm | B/mm | L/mm |
|---|---|---|---|---|
| H39 | 39 | 78 | 100 | 14 |
| H55 | 55 | 81 | 106 | 13 |
| H63 | 63 | 81 | 106 | 13 |
| H72 | 72 | 81 | 106 | 13 |
| H84 | 84 | 81 | 106 | 20 |
| H92 | 92 | 81 | 106 | 14 |
| H109-1 | 109 | 81 | 106 | 14 |
| H109-2 | 109 | 78 | 100 | 14 |
| H109-3 | 109 | 78 | 100 | 14 |



# 2

ZJC 系列单相2极罩极异步电动机产品概述
ZJC Series Single-phase 2-shaded-pole Asynchronous Motor Product Introduction

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ZGC 系列型号规格对照表
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EZ-2P系列电动机产品概述
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EZ-4P系列电动机产品概述
EZ-4P series motor product introduction 41

# ZJCSERIES SINGLE-PHASE 2-SHADED-POLE ASYNCHRONOUS MOTOR PRODUCT INTRODUCTION

◆ZJC系列电机为单相2极罩极异步电动机，额定电压为220-240V/50/60Hz或110-120V 60Hz。广泛应用在暖风机散热、电冰箱、空调水泵、微波炉、搅拌机、空气清新机、风扇、排气扇、加湿机、抽湿机、嵌入式烤箱和医用器械等家用电器和工业机械。
◆ 电机的绝缘等级为F级，可根据客户要求生产A级、E级、B级、H级的电机。
◆ 适用环境温度为：-30℃～+80℃。
◆ 电机平均使用寿命为20000小时以上。
◆ 电机通过CCC认证。
◆ 电机使用前，必须将电机接地线与外部接地装置有效连接。

◆ ZJC series motor is the single-phase 2-shaded-pole asynchronous motor, with the rated voltage of 220-240V/50/60Hz or 110-120V 60Hz, widely applied in household appliances and industrial machines, such as radiators for fan heaters, refrigerators, air-conditioning water pumps, microwave ovens, blenders, air purifiers, fans, exhaust fans, humidifiers, dehumidifiers, built-in ovens and medical devices.
◆ The motor’s insulation grade is Grade F, and the company may produce the motors with the insulation grade of Grade A, Grade E, Grade B and Grade H according to the client requirements.
◆ Applicable environmental temperature: -30℃～+80℃.
◆The average service life of motors is over 20,000 hours.
◆ The motor has obtained the CCC Certification.
◆ Before the motor is used, it is required to effectively connect the grounding wire of motors to the external grounding device.

## 型号说明
## Model description

例如
For example:

ZJC 61 - 20

- 20 — 定子铁芯厚度 Stator core thickness
- 61 — 定子铁芯规格 Stator core specification
- ZJC — 罩极异步电动机 Shaded pole asynchronous motor









# ZJC SERIES MOTOR – (ENCAPSULATING MOTOR)



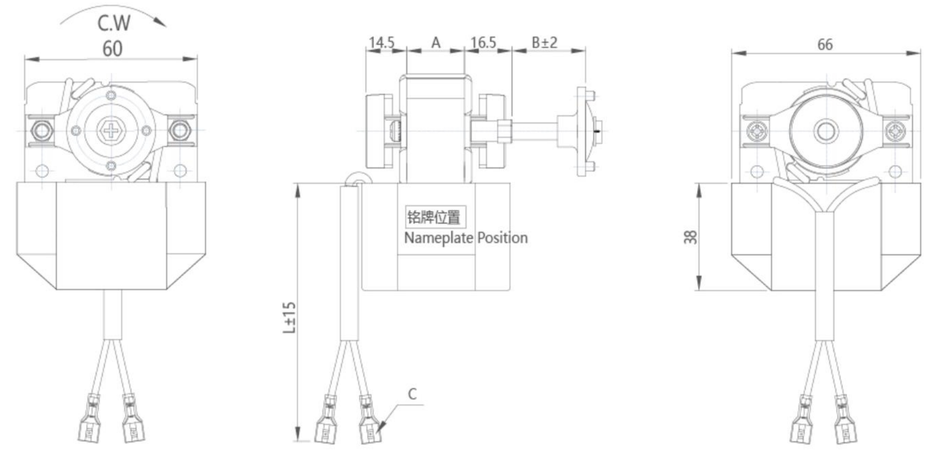
## 产品说明 Product description

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于风扇、排气扇、商用厨具、陈列柜、消毒柜；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to fans, exhaust fans, commercial kitchen wares, showcases and disinfection cabinets.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

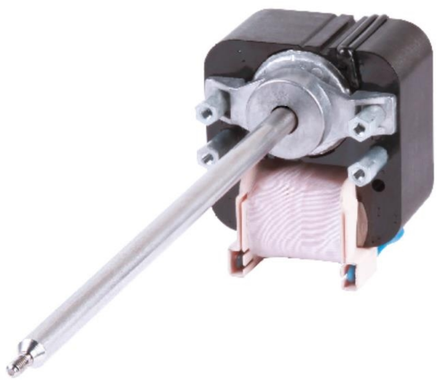
**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




## 电机性能参数表 Motor performance parameter table

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Max torque 额定转矩 g.cm | Fan blade 风叶型号 mm | Size 尺寸 A mm | B mm | C mm | L mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZJC61-12 | 220-240 | 50/60 | 20 | 2 | 0.17 | 2350 | 120 | Ø110 | 12 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 20 | 2 | 0.25 | 2650 | 120 | Ø110 | 12 | 可根据客户要求定制 | | | E B F H |
| ZJC61-16 | 220-240 | 50/60 | 30 | 3 | 0.25 | 2350 | 200 | Ø125 | 16 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 30 | 3 | 0.32 | 2650 | 200 | Ø125 | 16 | 可根据客户要求定制 | | | E B F H |
| ZJC61-20 | 220-240 | 50/60 | 35 | 4.5 | 0.32 | 2350 | 250 | Ø125 | 20 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 35 | 4.5 | 0.45 | 2650 | 250 | Ø125 | 20 | 可根据客户要求定制 | | | E B F H |
| ZJC61-25 | 220-240 | 50/60 | 40 | 6 | 0.40 | 2350 | 300 | Ø152 | 25 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 40 | 6 | 0.55 | 2650 | 300 | Ø152 | 25 | 可根据客户要求定制 | | | E B F H |
| ZJC61-30 | 220-240 | 50/60 | 45 | 8 | 0.45 | 2350 | 400 | Ø152 | 30 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 48 | 8 | 0.60 | 2650 | 400 | Ø152 | 30 | 可根据客户要求定制 | | | E B F H |

# ZJC SERIES MOTOR – (WATER–STIR MOTOR)



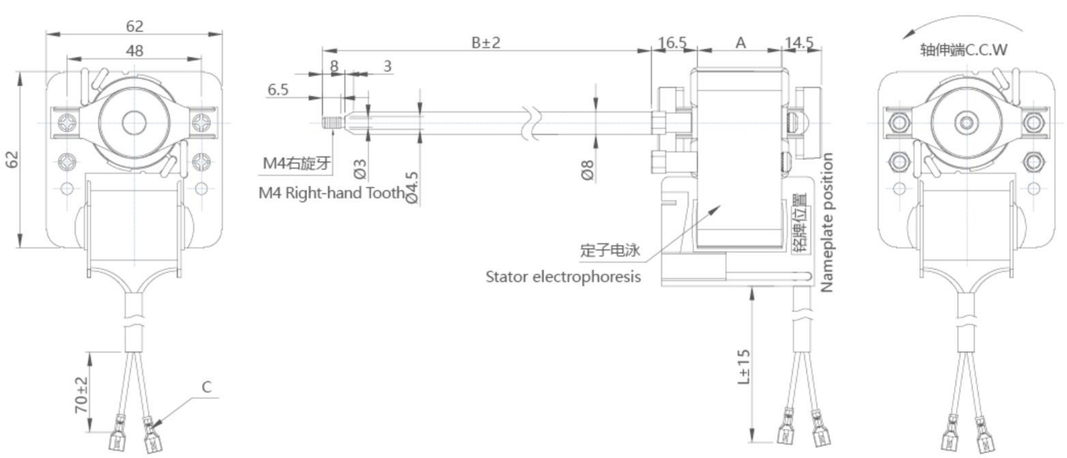
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于搅拌机、小型水泵等；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2.This series motor is applicable to blenders, small water pumps, etc.
3. This series motor’ s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃

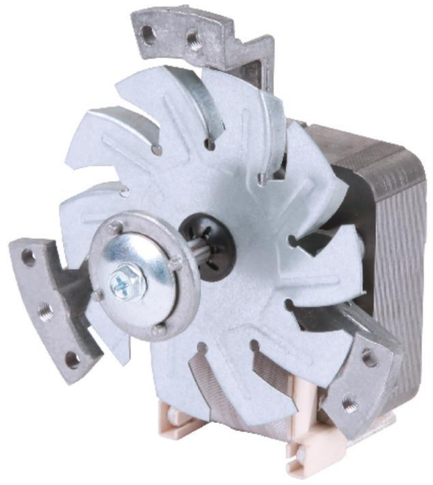



**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Max torque 额定转矩 g.cm | Fan blade 风叶型号 mm | Size尺寸 A mm | B mm | C mm | L mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZJC61-30 | 220-240 | 50/60 | 15 | 8 | 0.12 | 2500 | 400 | Ø56二片塑料叶 | 30 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 15 | 8 | 0.12 | 2650 | 400 | Ø56二片塑料叶 | 30 | 可根据客户要求定制 | | | E B F H |
| ZJC61-40 | 220-240 | 50/60 | 25 | 12 | 0.16 | 2500 | 500 | Ø56二片塑料叶 | 40 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 25 | 12 | 0.16 | 2650 | 500 | Ø56二片塑料叶 | 40 | 可根据客户要求定制 | | | E B F H |



# ZJC SERIES MOTOR – (THERMAL CIRCULATION MOTOR)

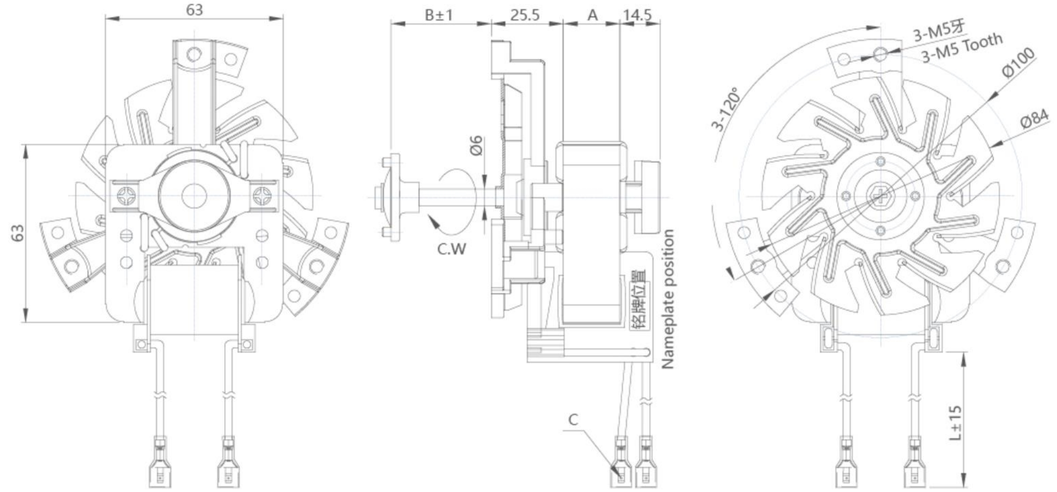


**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于微波炉、嵌入式电烤箱、化痰器、雾化器、加湿器等；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to microwave ovens, built-in electric ovens, phlegm removal devices, atomizers, humidifiers, etc.
3. This series motor’ s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

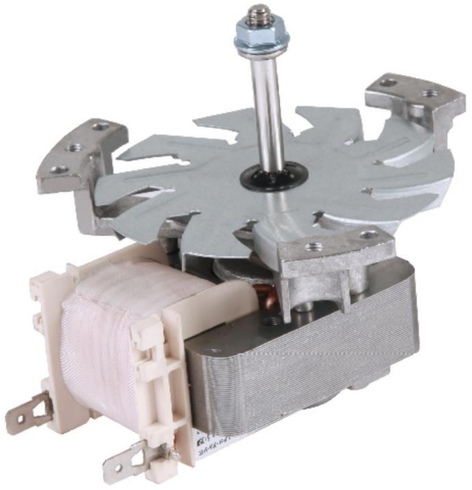
**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Max torque 额定转矩 g.cm | Fan blade 风叶型号 mm | Size尺寸 A mm | B mm | C mm | L mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZJC61-12 | 220-240 | 50/60 | 20 | 2 | 0.17 | 2350 | 120 | Ø110 | 12 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 20 | 2 | 0.25 | 2650 | 120 | Ø110 | 12 | 可根据客户要求定制 | | | E B F H |
| ZJC61-16 | 220-240 | 50/60 | 30 | 3 | 0.25 | 2350 | 200 | Ø125 | 16 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 30 | 3 | 0.32 | 2650 | 200 | Ø125 | 16 | 可根据客户要求定制 | | | E B F H |
| ZJC61-20 | 220-240 | 50/60 | 35 | 4.5 | 0.32 | 2350 | 250 | Ø125 | 20 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 35 | 4.5 | 0.45 | 2650 | 250 | Ø125 | 20 | 可根据客户要求定制 | | | E B F H |
| ZJC61-25 | 220-240 | 50/60 | 40 | 6 | 0.40 | 2350 | 300 | Ø152 | 25 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 40 | 6 | 0.55 | 2650 | 300 | Ø152 | 25 | 可根据客户要求定制 | | | E B F H |
| ZJC61-30 | 220-240 | 50/60 | 45 | 8 | 0.45 | 2350 | 400 | Ø152 | 30 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 48 | 8 | 0.60 | 2650 | 400 | Ø152 | 30 | 可根据客户要求定制 | | | E B F H |

# ZJC SERIES MOTOR – (THERMAL CIRCULATION MOTOR – TERMINAL TYPE)

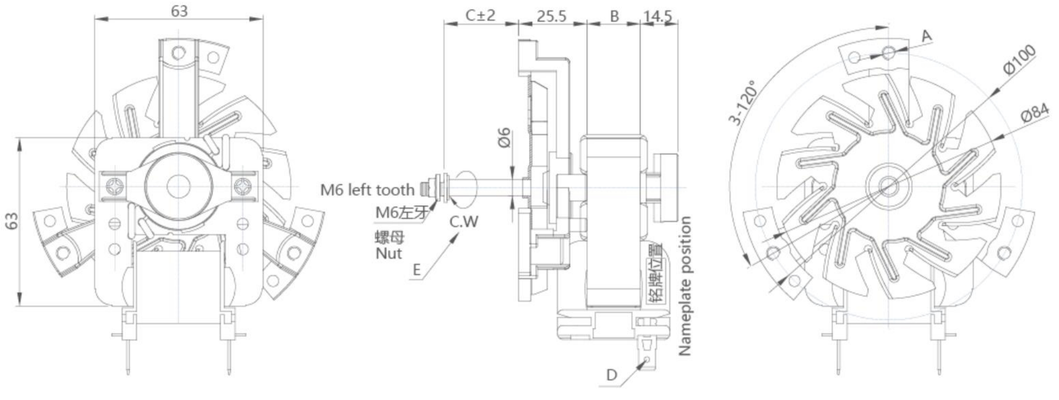


**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于微波炉、嵌入式电烤箱、化痰器、雾化器、加湿器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to microwave ovens, built-in electric ovens, phlegm removal devices, atomizers, humidifiers, etc.
3. This series motor' s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃



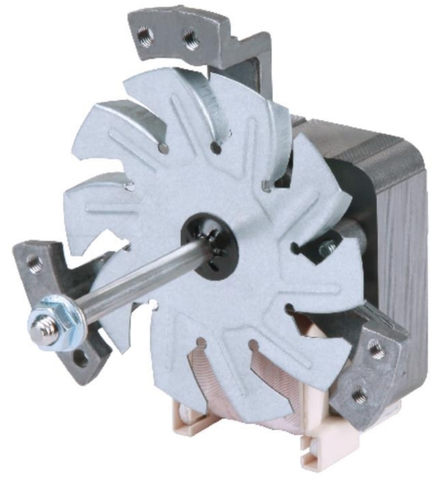

**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Size 尺寸 (A)mm | | B mm | (C)mm | | (D) | | (E) Rotation | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 客户订制 | | | 客户订制 | | 引线式 | 端子式 | | |
| ZJC61-20 | 220-240 | 50/60 | 30 | 5 | 0.145 | 1400-2200 | Ø6.5 | M5 | 20 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 30 | 5 | 0.4 | 1000-1800 | Ø6.5 | M5 | 20 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-25 | 220-240 | 50/60 | 35 | 6 | 0.25 | 1400-2200 | Ø6.5 | M5 | 25 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 35 | 6 | 0.50 | 1000-1800 | Ø6.5 | M5 | 25 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-30 | 220-240 | 50/60 | 40 | 7 | 0.37 | 1400-2200 | Ø6.5 | M5 | 30 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 40 | 7 | 0.65 | 1000-1800 | Ø6.5 | M5 | 30 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-35 | 220-240 | 50/60 | 45 | 8 | 0.55 | 1400-2200 | Ø6.5 | M5 | 35 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 45 | 8 | 1.0 | 1000-1800 | Ø6.5 | M5 | 35 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-40 | 220-240 | 50/60 | 50 | 9 | 0.5 | 1400-2200 | Ø6.5 | M5 | 40 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 50 | 9 | 1.2 | 1000-1800 | Ø6.5 | M5 | 40 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |





# ZJC SERIES MOTOR – (THERMAL CIRCULATION MOTOR – LEAD TYPE)

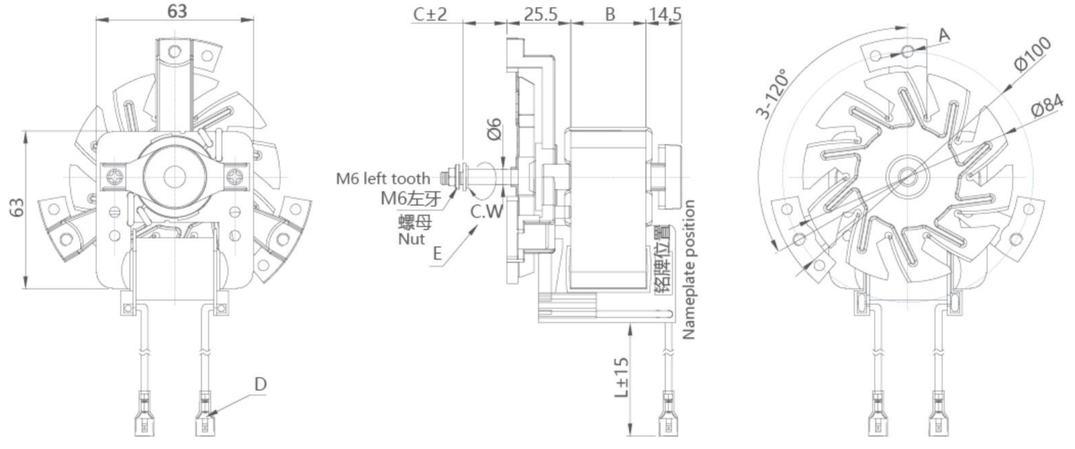


**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于微波炉、嵌入式电烤箱、化痰器、雾化器、加湿器等；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to microwave ovens, built-in electric ovens, phlegm removal devices, atomizers, humidifiers, etc.
3. This series motor' s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

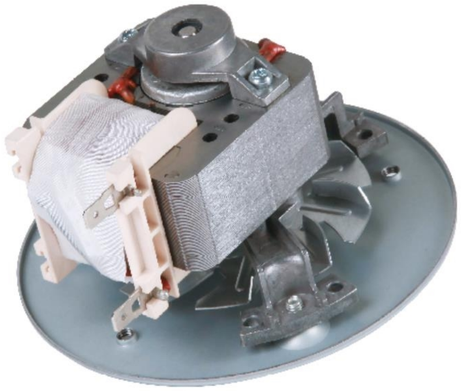
**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Size 尺寸 (A)mm | | B mm | (C)mm | | (D) | | (E) Rotation | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 客户订制 | | | 客户订制 | | 引线式 | 端子式 | | |
| ZJC61-20 | 220-240 | 50/60 | 30 | 5 | 0.145 | 1400-2200 | Ø6.5 | M5 | 20 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 30 | 5 | 0.4 | 1000-1800 | Ø6.5 | M5 | 20 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-25 | 220-240 | 50/60 | 35 | 6 | 0.25 | 1400-2200 | Ø6.5 | M5 | 25 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 35 | 6 | 0.50 | 1000-1800 | Ø6.5 | M5 | 25 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-30 | 220-240 | 50/60 | 40 | 7 | 0.37 | 1400-2200 | Ø6.5 | M5 | 30 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 40 | 7 | 0.65 | 1000-1800 | Ø6.5 | M5 | 30 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-35 | 220-240 | 50/60 | 45 | 8 | 0.55 | 1400-2200 | Ø6.5 | M5 | 35 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 45 | 8 | 1.0 | 1000-1800 | Ø6.5 | M5 | 35 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-40 | 220-240 | 50/60 | 50 | 9 | 0.5 | 1400-2200 | Ø6.5 | M5 | 40 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 50 | 9 | 1.2 | 1000-1800 | Ø6.5 | M5 | 40 | 客户订制 | | 引线式 | 端子式 | CW/CCW | CCC |

# ZJC SERIES MOTOR – (THERMAL CIRCULATION BELT MOUNTED DISK MOTOR)



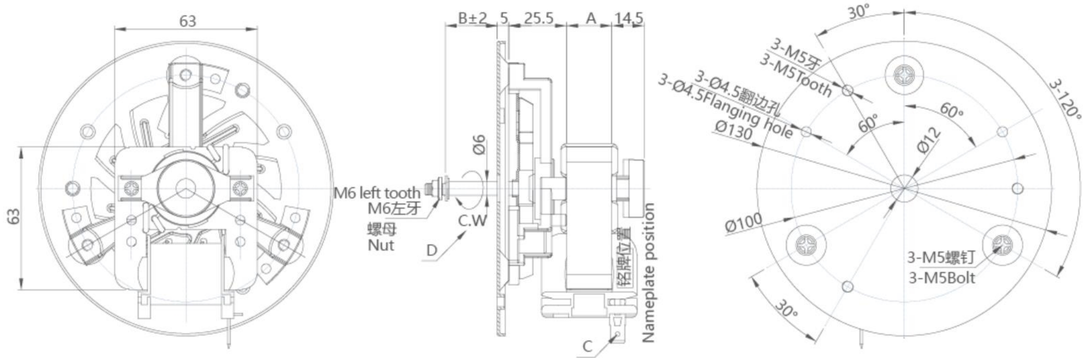
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于微波炉、嵌入式电烤箱、化痰器、雾化器、加湿器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to microwave ovens, built-in electric ovens, phlegm removal devices, atomizers, humidifiers, etc.
3. This series motor' s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Size 尺寸 A mm | (B)mm 客户订制 | (C) 客户订制 | | (D) Rotation | License 认证 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZJC61-20 | 220-240 | 50/60 | 30 | 5 | 0.145 | 1400-2200 | 20 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 30 | 5 | 0.4 | 1000-1800 | 20 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-25 | 220-240 | 50/60 | 35 | 6 | 0.25 | 1400-2200 | 25 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 35 | 6 | 0.50 | 1000-1800 | 25 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-30 | 220-240 | 50/60 | 40 | 7 | 0.37 | 1400-2200 | 30 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 40 | 7 | 0.65 | 1000-1800 | 30 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-35 | 220-240 | 50/60 | 45 | 8 | 0.55 | 1400-2200 | 35 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 45 | 8 | 1.0 | 1000-1800 | 35 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| ZJC61-40 | 220-240 | 50/60 | 50 | 9 | 0.5 | 1400-2200 | 40 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |
| | 110-120 | 60 | 50 | 9 | 1.2 | 1000-1800 | 40 | 客户订制 | 引线式 | 端子式 | CW/CCW | CCC |



# ZJC SERIES MOTOR – (CENTRIFUGAL FAN)



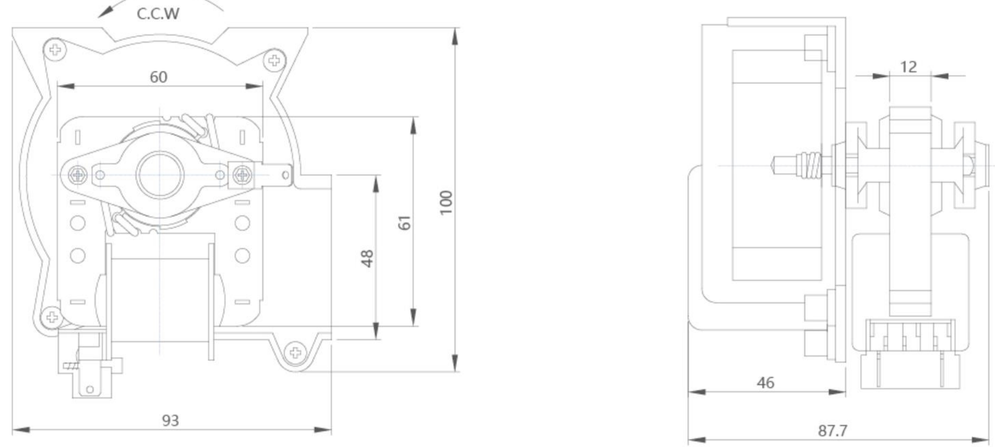
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于冰箱、空气净化器、冷暖排气风扇、化痰器、雾化器、加湿器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, air purifiers, exhaust fans for cooling and heating, phlegm removal devices, atomizers, humidifiers, etc.
3. The performance size of this series motor can be designed and manufactured according to customer's requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

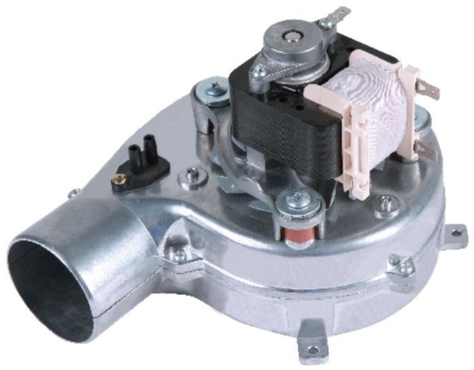
**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Flow rate(max) 最大风量 $m^3$ /h | Static pressure 最大静压 Pa | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|
| ZJC61-12 | 220-240 | 50/60 | 12 | 0.12 | 2500 | 15 | 40 | E/B |
| | 110-120 | 60 | 12 | 0.12 | 2650 | 15 | 40 | E/B |

# ZJC SERIES MOTOR – (WALL-MOUNTED FURNACE FAN)



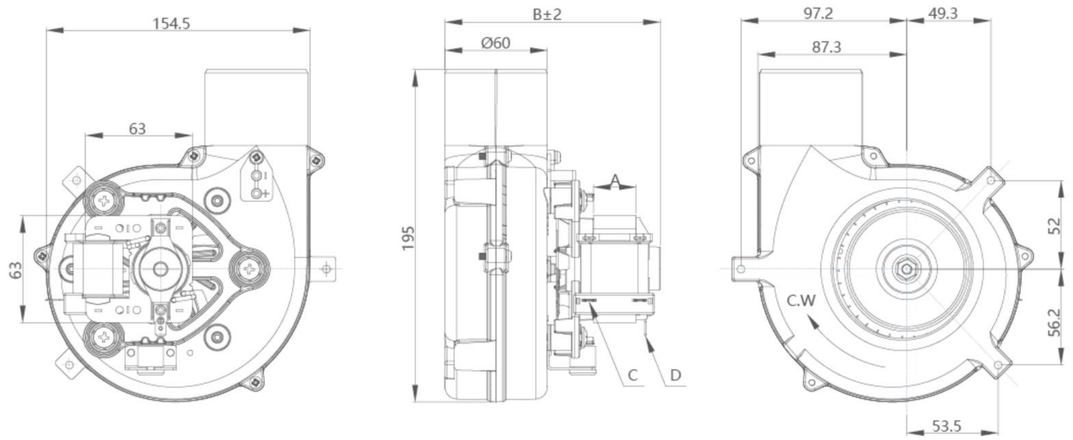
**产品说明 Product description**

1、本系列电机具有安全可靠、能在高温环境下工作，寿命长等优点；
2、本系列电机适用于壁挂炉、食品烘焙机械等；
3、本系列电机的性能可根据用户要求设计与生产。

1. This series motor has advantages, such as safety, reliability and long service life, able to be operated under high-temperature environment.
2. This series motor is applicable to wall-mounted furnaces, food baking machines, etc.
3. The performance size of this series motor can be designed and manufactured according to customer's requirements.

**使用说明** 工作方式： S1　绝缘等级： Class F
防护等级： IP41　环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1　Insulation grade: : Class F
Protection Class: : IP41　Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Flow rate(max) 最大风量 m³/h | Static pressure 最大静压 Pa | Size尺寸 A mm | B mm | C mm | D mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZJC61-25 | 220-240 | 50/60 | 28 | 0.25 | 1800 | 85 | 180 | 25 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 28 | 0.25 | 2450 | 85 | 180 | 25 | 可根据客户要求定制 | | | E B F H |
| ZJC61-30 | 220-240 | 50/60 | 35 | 0.32 | 2000 | 130 | 220 | 30 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 35 | 0.32 | 2550 | 130 | 220 | 30 | 可根据客户要求定制 | | | E B F H |
| ZJC61-35 | 220-240 | 50/60 | 45 | 0.42 | 2250 | 150 | 260 | 35 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 45 | 0.42 | 2650 | 150 | 260 | 35 | 可根据客户要求定制 | | | E B F H |
| ZJC61-40 | 220-240 | 50/60 | 55 | 0.48 | 2450 | 160 | 300 | 40 | 可根据客户要求定制 | | | E B F H |
| | 110-120 | 60 | 55 | 0.48 | 2750 | 160 | 300 | 40 | 可根据客户要求定制 | | | E B F H |



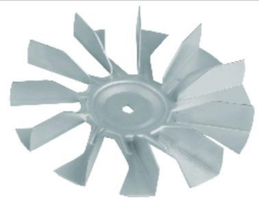
# ZJC SERIES ACCESSORIES – (FAN BLADE)



A类型 Type A



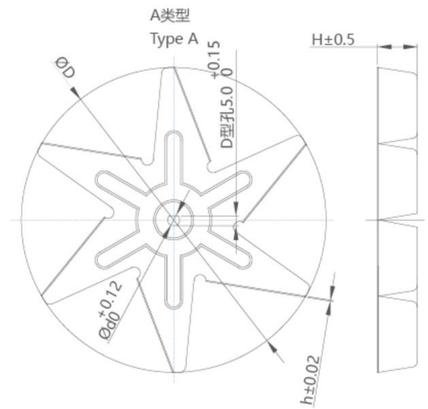
B类型 Type B

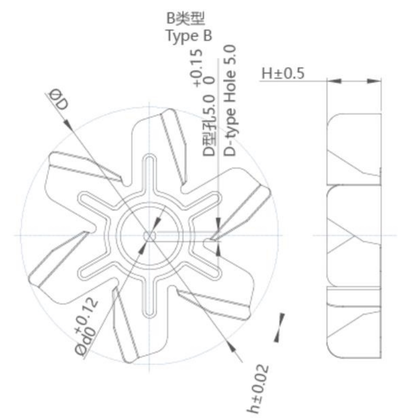


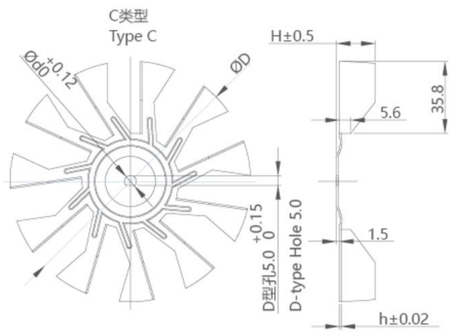
C类型 Type C

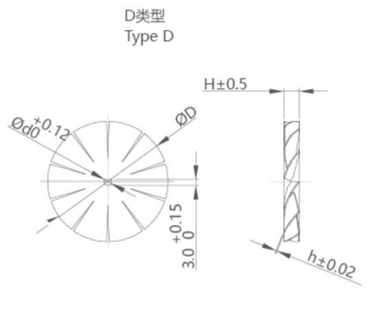


D类型 Type D




**风叶规格尺寸 Fan specification and dimension**

| Fan blade type 风叶类型 | Fan type 风叶型号 | External diameter 外 径(øD)mm | Internal hole size 内孔尺寸(ød) mm | Thickness 高 度(H) mm | Material thickness 材料厚度(h) mm | Number of blades 叶 片 数 | Material 材 料 |
|---|---|---|---|---|---|---|---|
| A 类型 | Ø 152 | 152 | 6 | 20 | 0.8 | 6 | 镀锌板/不锈钢 |
| B 类型 | Ø 125 | 125 | 6 | 27 | 0.6 | 6 | 镀锌板/不锈钢 |
| C 类型 | Ø 120 | 120 | 6 | 20 | 0.8 | 11 | 镀锌板/不锈钢 |
| D 类型 | Ø 60 | 60 | 4 | 8 | 0.5 | 10 | 镀锌板/不锈钢 |

# ZGC SERIES CROSS-FLOW FAN PRODUCT INTRODUCTION

◆ZGC系列为贯流风机又叫横流风机，横流风机的最大特点是气体两次经过风机叶轮，气体沿径向流入，再沿径向流出，进气和排气方向处于同一平面，所排气体沿风机出风口宽度方向分布均匀。
◆风机结构简单、体积小，外壳为精密模具冲压成型，镀锌板材质，外观精美，结构稳定，风量大，风压高，且振动小、噪音低，广泛用于空调、干燥机、冷冻和陈列柜、恒温箱、冷气扇、空调扇、塔扇、暖风机、电壁炉、晾衣架、风幕机、嵌入式烤箱等家用电器。
◆ 电机的绝缘等级为F级，可根据客户要求生产A级、E级、B级、H级的电机。
◆ 适用环境温度为：-30℃～+80℃。
◆ 电机平均使用寿命为20000小时以上。
◆ 电机通过CCC认证。
◆ 电机使用前，必须将电机接地线与外部接地装置有效连接。



◆ ZGC series cross-flow fan is also called transverse-flow fan. The greatest feature of the transverse-flow fan is that, the gas passes through the fan impeller for twice, inflowing and outflowing in the radial direction. The gas inlet and outlet directions are in the same plane. The outlet gas shall be evenly distributed in the fan outlet width direction.
◆The fan has simple structure, with small volume. The shell adopts the precise die mould press forming, made of galvanized sheet material, enjoying advantages, such as exquisite appearance, stable structure, large air flow, high wind pressure, little vibration, and low noise. This fan is widely applied in air conditioners, dryers, freezers, showcases, thermostats, cooling fans, air conditioner fans, tower fans, fan heaters, wall-mounted electric furnaces, clothes hangers, wind curtain machines, built-in ovens, and other household appliances.
◆ The motor’ s insulation grade is Grade F, and the company may produce the motors with the insulation grade of Grade A, Grade E, Grade B and Grade H according to the client requirements.
◆ Applicable environmental temperature: -30℃～+80℃.
◆ The average service life of motors is over 20,000 hours.
◆ The motor has obtained the CCC Certification.
◆Before the motor is used, it is required to effectively connect the grounding wire of motors to the external grounding device.



## 型号说明
## Model description

ZGC / Y 60 - 180 A

- A：带安装孔 B：不带安装孔 C：方型
  A: With a mounting hole B: Without a mounting hole C: Square
- 风壳出风口长度
  Wind Shell Outlet Length
- 叶轮直径
  Impeller Diameter
- Y：电机安装在风机的右边 Z：电机安装在风机的左边
  Y: The motor is installed on the right of the fan
  Z: The motor is installed on the left of the fan
- 贯流风机
  Cross-flow fan



# ZGC SERIES CROSS-FLOW FAN MODEL & SPECIFICATION COMPARISON TABLE

| Wind Wheel Series 风轮系列 | Serial No. 序　号 | Model & Specification 型号规格 | Common Specification 常用规格 |
|---|---|---|---|
| Ø33系列 | 1 | ZGC/ZY33-160C | ● |
| | 2 | ZGC/ZY33-200C | ● |
| | 3 | ZGC/ZY33-250C | ● |
| | 4 | ZGC/ZY33-300C | ● |
| Ø40系列 | 1 | ZGC/ZY40-100C | |
| | 2 | ZGC/ZY40-160C | |
| | 3 | ZGC/ZY40-180C | |
| | 4 | ZGC/ZY40-200C | ● |
| | 5 | ZGC/ZY40-220C | |
| | 6 | ZGC/ZY40-260C | ● |
| | 7 | ZGC/ZY40-300C | |
| | 8 | ZGC/ZY40-350C | |
| | 9 | ZGC/ZY40-360C | |
| | 10 | ZGC/ZY40-400C | |
| Ø48系列 | 1 | ZGC/ZY48-190C | ● |
| | 2 | ZGC/ZY48-240C | ● |
| Ø50系列 | 1 | ZGC/ZY50-160C | ● |
| | 2 | ZGC/ZY50-195C | |
| Ø60系列 | 1 | ZGC/ZY60-120AB | |
| | 2 | ZGC/ZY60-140AB | |
| | 3 | ZGC/ZY60-180AB | ● |
| | 4 | ZGC/ZY60-184AB | |
| | 5 | ZGC/ZY60-200AB | |
| | 6 | ZGC/ZY60-220AB | |
| | 7 | ZGC/ZY60-240AB | ● |
| | 8 | ZGC/ZY60-300AB | ● |
| | 9 | ZGC/ZY60-360AB | ● |
| | 10 | ZGC/ZY60-400AB | ● |
| | 11 | ZGC/ZY60-420AB | ● |
| Ø64系列 | 1 | ZGC/ZY64-240AB | |
| | 2 | ZGC/ZY64-300AB | |
| | 3 | ZGC/ZY64-360AB | |
| Ø65系列 | 1 | ZGC/ZY65-240AB | |
| | 2 | ZGC/ZY65-300AB | |

● 代表常用规格

ZGC系列贯流风机 -（灌封贯流风机 Φ60×180）

# ZGC SERIES CROSS-FLOW FAN – (ENCAPSULATING -TYPE CROSS-FLOW FAN Φ60 × 180)



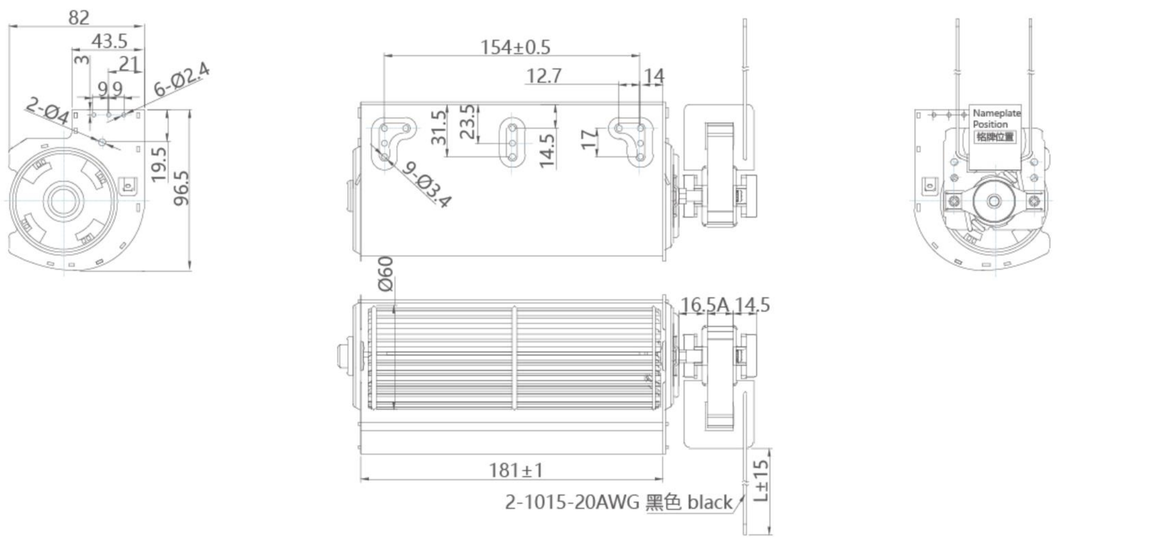
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于空调、电壁炉、壁挂炉、电烤箱、晾衣架、干衣机、冷却装置、通风设备、空气净化器等；
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2.This series motor is applicable to air conditioners, wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
3.This series motor’ s outgoing line specification and dimension “L” may be produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃



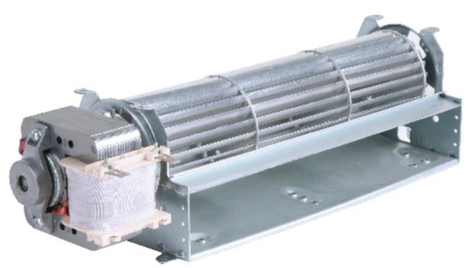

**电机性能参数表 Motor performance parameter table**

| Type 风机型号 | Model 电机型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Size 尺寸 A mm | Size 尺寸 L mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|
| ZGC/Z60-180B | ZJC61-16 | 220-240 | 50/60 | 16 | 0.15 | 1600 | 120 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 16 | 0.15 | 1750 | 120 | 可根据客户要求定制 | | B F H |
| ZGC/Z60-180B | ZJC61-20 | 220-240 | 50/60 | 22 | 0.20 | 2000 | 140 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 22 | 0.20 | 2150 | 140 | 可根据客户要求定制 | | B F H |
| ZGC/Z60-180B | ZJC61-25 | 220-240 | 50/60 | 26 | 0.25 | 2250 | 160 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 26 | 0.25 | 2400 | 160 | 可根据客户要求定制 | | B F H |



ZGC系列贯流风机 -（贯流风机 Φ60×240）

# ZGC SERIES CROSS-FLOW FAN – (ENCAPSULATING -TYPE CROSS-FLOW FAN Φ60 × 240)



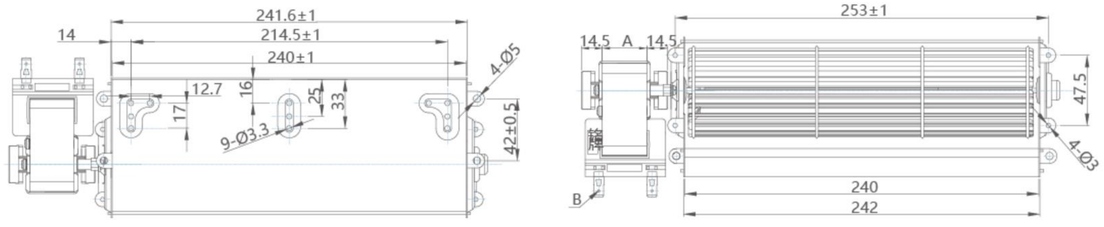
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于空调、电壁炉、壁挂炉、电烤箱、晾衣架、干衣机、冷却装置、通风设备、空气净化器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2.This series motor is applicable to air conditioners, wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
3.This series motor’ s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1 绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Type 风机型号 | Model 电机型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Size 尺寸 A mm | Size 尺寸 B mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|
| ZGC/C60-240A | ZJC61-20 | 220-240 | 50/60 | 23 | 0.25 | 1800 | 160 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 23 | 0.25 | 1900 | 160 | 可根据客户要求定制 | | B F H |
| ZGC/C60-240A | ZJC61-30 | 220-240 | 50/60 | 26 | 0.28 | 2000 | 180 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 26 | 0.28 | 2100 | 180 | 可根据客户要求定制 | | B F H |
| ZGC/C60-240A | ZJC61-35 | 220-240 | 50/60 | 30 | 0.34 | 2200 | 200 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 30 | 0.34 | 2300 | 200 | 可根据客户要求定制 | | B F H |

ZGC系列贯流风机 -（贯流风机带PTC Φ60×240）

# ZGC SERIES CROSS-FLOW FAN – (CROSS-FLOW FAN WITH PTC Φ 60 X 240)



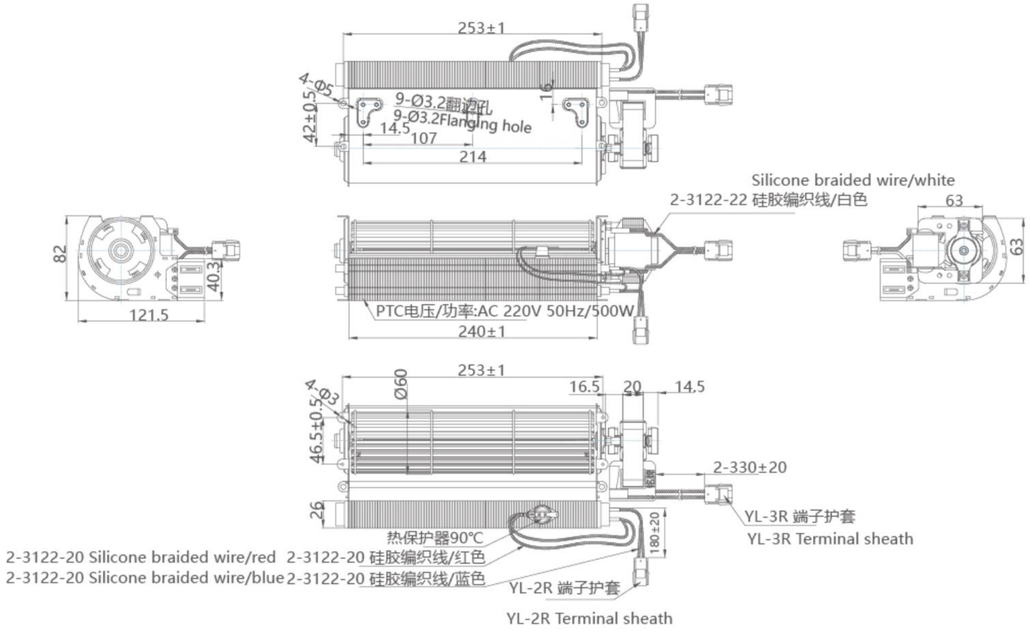
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于电壁炉、壁挂炉、暖风机、塔扇、电烤箱、晾衣架、干衣机等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, fan heaters, tower fans, electric ovens, clothes hangers, clothes dryers, etc.
3.This series motor' s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1　绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Type 风机型号 | Model 电机型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Rated input 额定功率(客户定制) W | Rated current 额定电流(客户定制) A | Rated speed 额定转速(客户定制) r/min | Air volume 额定风量(客户定制) m³/h | Outiet temperature 出风口温度(客户定制) ℃ | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|
| ZGC/Z60-240A | ZJC/61-20 | 220-240 | 50/60 | 500-1500 | 1.0-3.5 | 1800-2200 | 140-230 | 40-70 | B F H |
| | | 110-120 | 60 | 500-1500 | 1.0-3.5 | 2000-2400 | 140-230 | 40-70 | B F H |



ZGC 系列贯流风机-（双贯流风机 Φ60×240）

# ZGC SERIES CROSS-FLOW FAN – (DOUBLE CROSS-FLOW FAN Φ 60 X 240)



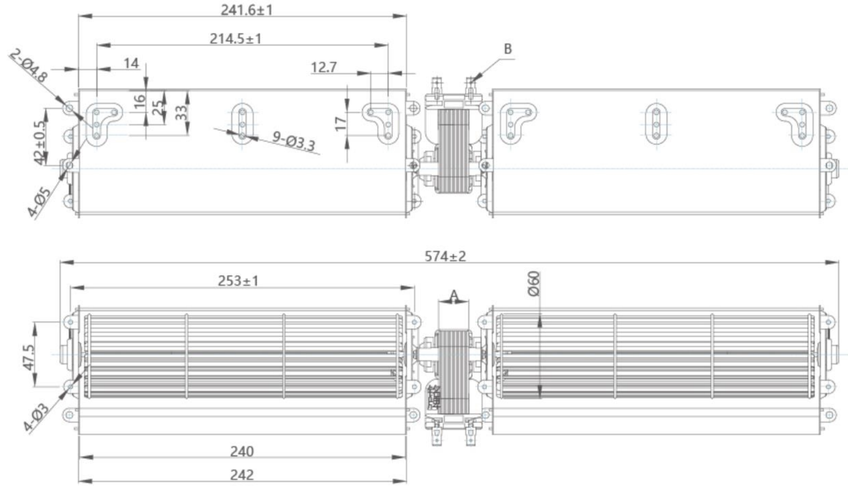
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于电壁炉、壁挂炉、电烤箱、晾衣架、塔扇、干衣机、冷却装置、通风设备、空气净化器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, tower fans, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
3.This series motor' s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1　绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Type 风机型号 | Model 电机型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Size 尺寸 A mm | Size 尺寸 B mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|
| ZGC/CZ60-240A | ZJC61-20 | 220-240 | 50/60 | 20 | 0.24 | 1500 | 120 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 20 | 0.24 | 1650 | 120 | 可根据客户要求定制 | | B F H |
| ZGC/CZ60-240A | ZJC61-20 | 220-240 | 50/60 | 26 | 0.32 | 1800 | 160 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 26 | 0.32 | 1950 | 160 | 可根据客户要求定制 | | B F H |
| ZGC/CZ60-240A | ZJC61-35 | 220-240 | 50/60 | 30 | 0.40 | 2200 | 200 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 30 | 0.40 | 2350 | 200 | 可根据客户要求定制 | | B F H |

# ZGC SERIES CROSS-FLOW FAN – (CROSS-FLOW FAN Φ 60 X 300)



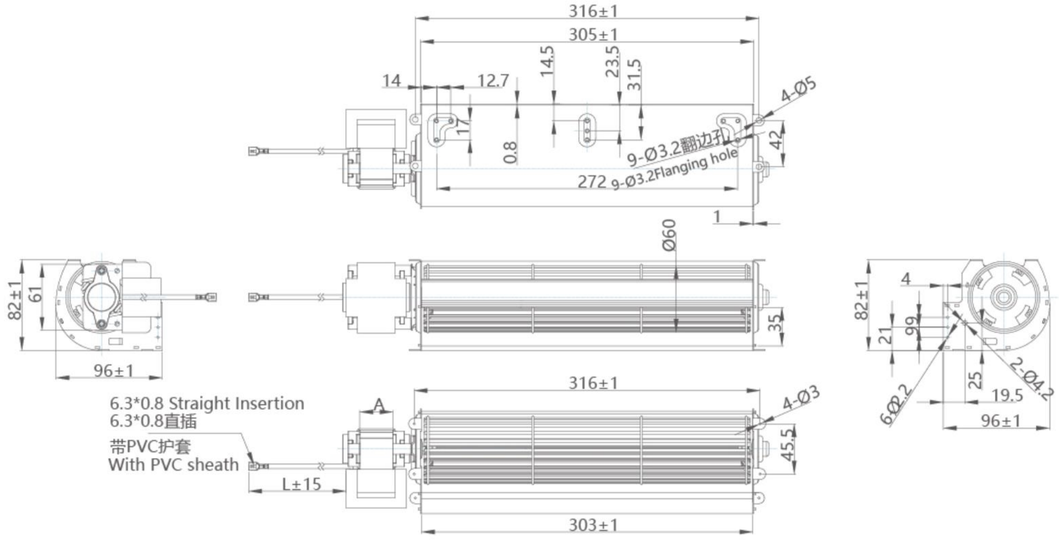
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于电壁炉、壁挂炉、电烤箱、晾衣架、塔扇、干衣机、冷却装置、通风设备、空气净化器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, tower fans, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
3.This series motor' s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1　绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃



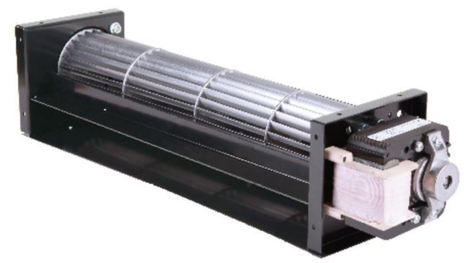

**电机性能参数表 Motor performance parameter table**

| Type 风机型号 | Model 电机型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Size 尺寸 A mm | Size 尺寸 L mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|
| ZGC/Z60-300A | ZJC61-20 | 220-240 | 50/60 | 23 | 0.25 | 1800 | 200 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 23 | 0.25 | 1950 | 200 | 可根据客户要求定制 | | B F H |
| ZGC/Z60-300A | ZJC61-30 | 220-240 | 50/60 | 26 | 0.28 | 2150 | 220 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 26 | 0.28 | 2250 | 220 | 可根据客户要求定制 | | B F H |
| ZGC/Z60-300A | ZJC61-35 | 220-240 | 50/60 | 30 | 0.34 | 2250 | 240 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 30 | 0.34 | 2400 | 240 | 可根据客户要求定制 | | B F H |





# ZGC SERIES CROSS-FLOW FAN – (SQUARE CROSS-FLOW FAN Φ 60 X 300)



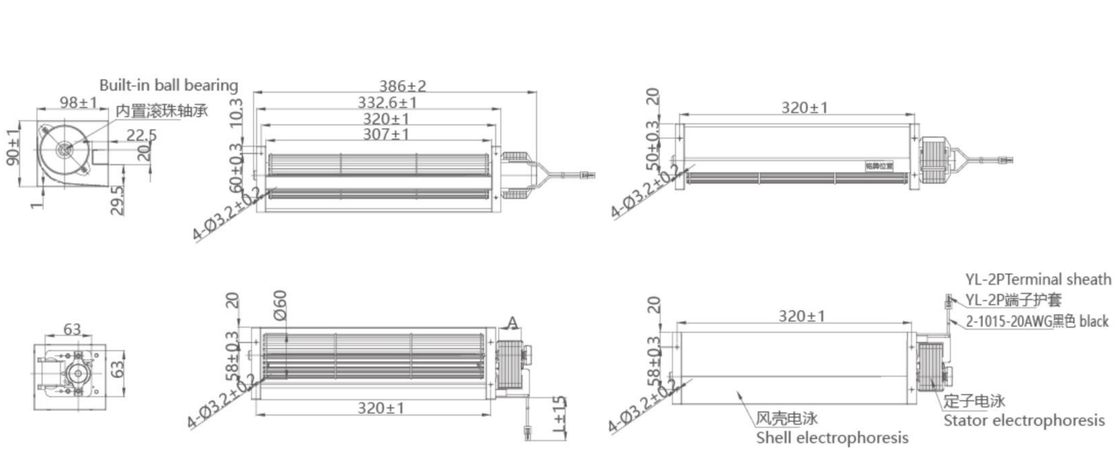
**产品说明 Product description**

1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
2、本系列电机适用于电壁炉、壁挂炉、电烤箱、晾衣架、塔扇、干衣机、冷却装置、通风设备、空气净化器等；
3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, tower fans, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
3.This series motor' s characteristic dimension may be designed and produced according to the user requirements.

**使用说明** 工作方式： S1　绝缘等级： Class F
防护等级： IP41 环境温度： -30℃～+80℃

**Instructions for Use** Operating mode: : S1 Insulation grade: : Class F
Protection Class: : IP41 Environmental Temperature: : -30℃～+80℃




**电机性能参数表 Motor performance parameter table**

| Type 风机型号 | Model 电机型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Air volume 额定风量 m³/h | Size 尺寸 A mm | Size 尺寸 L mm | Classification 绝缘等级 |
|---|---|---|---|---|---|---|---|---|---|---|
| ZGC/Z60-307C | ZJC61-20 | 220-240 | 50/60 | 23 | 0.20 | 1800 | 210 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 23 | 0.20 | 1950 | 210 | 可根据客户要求定制 | | B F H |
| ZGC/Z60-307C | ZJC61-30 | 220-240 | 50/60 | 26 | 0.25 | 2150 | 230 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 26 | 0.25 | 2250 | 230 | 可根据客户要求定制 | | B F H |
| ZGC/Z60-307C | ZJC61-35 | 220-240 | 50/60 | 30 | 0.35 | 2350 | 250 | 可根据客户要求定制 | | B F H |
| | | 110-120 | 60 | 30 | 0.35 | 2450 | 250 | 可根据客户要求定制 | | B F H |

# EZ-2P SERIES MOTOR PRODUCT INTRODUCTION

◆ EZ电机为单相直流无刷电机，电源为220-240V/50/60Hz或110-120V 60Hz,电机内部嵌入智能控制板，采用永磁转子。广泛应用于冰箱、冰柜、酒柜、陈列柜、空气清新机、换气扇和医疗器械等领域;
◆ 高效节能，电转换效率比同类型的单相交流异步电机有大幅度提升;
◆ 电机转速选择范围宽（1000RPM-5000RPM);
◆ 电机的绝缘等级为H级，可根据客户要求特定;
◆ 适用环境温度为：-40℃～+50℃。

◆ The EZ motor is the single-phase brushless DC motor. The power supply is 220-240V/50/60Hz or 110-120V 60Hz. In the motor, there is the built-in intelligent control panel. The permanent-magnet rotor is used. This motor is widely applied in refrigerators, freezers, wine cabinets, showcases, air purifiers, ventilating fans, medical devices, etc.
◆ This motor has features, such as high efficiency and energy saving. The electrical conversion efficiency has been greatly improved compared with the same type of single-phase AC asynchronous motor.
◆ The motor has wide speed selection range (1,000RPM - 5,000RPM).
◆ The motor’s insulation grade is Grade H, able to be customized according to the client requirements.
◆ Applicable environmental temperature: -40℃～+50℃.









## 型号说明 Model description

例如
For example:

EZ - 2P - 60 - 7

- 定子铁芯厚度为7mm / Stator Core Thickness: 7mm
- 定子铁芯外径为60mm / Outer Diameter of Stator Core: 60mm
- 转子极数为2 / Number of Rotor Poles: 2
- EZ电机 / EZ motor



# EZ-2P MOTOR SERIES-(WINDING AND CONTROL PANEL ENCAPSULATION)

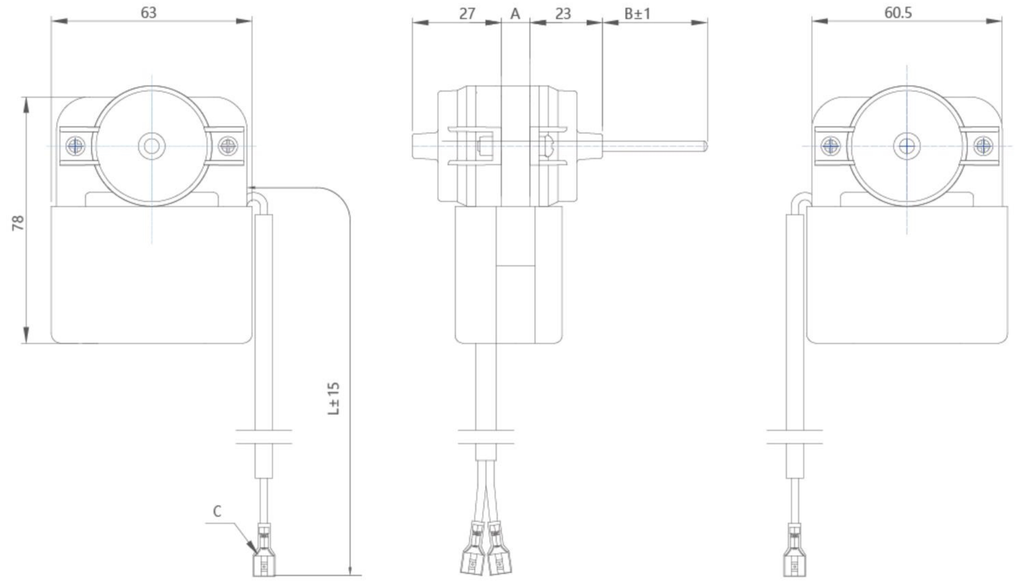
## 产品说明 Product description

1、本系列电机具有转速选择范围宽、节能环保、安全可靠、噪音低、寿命长等优点;
2、本系列电机适用于冰箱、冰柜、陈列柜、空气清新机、换气扇和医疗器械等;
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产;
4、电机的旋转方向可以根据客户要求来定(CW,CCW都可以)。

1. This series motor has advantages, such as wide speed selection range, energy saving, environmental protection, safety, reliability, low noise, long service life, etc.
2. This series motor is applicable to refrigerators, freezers, showcases, air purifiers, ventilating fans, medical devices, etc.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.
4. The motor’s rotation direction may be customized according to the client requirements (applicable to CW and CCW).

**使用说明** 工作方式：S1 绝缘等级：Class H
防护等级：IP41 环境温度：-40℃～+50℃

**Instructions for Use** Operating mode:: S1 Insulation grade:: Class H
Protection Class:: IP41 Environmental Temperature:: -40℃～+50℃




## 电机性能参数表 Motor performance parameter table

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Size 尺寸 A mm | B mm | C mm | L mm |
|---|---|---|---|---|---|---|---|---|---|---|
| EZ-2P-60-7 | 220-240 | 50/60 | 2 | 1.2 | 0.04 | 1000-5000 | 7 | 可根据客户要求定制 | | |
| | 110-120 | 60 | 2 | 1.2 | 0.05 | 1000-5000 | 7 | 可根据客户要求定制 | | |
| EZ-2P-60-9 | 220-240 | 50/60 | 5 | 3 | 0.06 | 1000-5000 | 9 | 可根据客户要求定制 | | |
| | 110-120 | 60 | 5 | 3 | 0.07 | 1000-5000 | 9 | 可根据客户要求定制 | | |

# EZ–4P SERIES MOTOR PRODUCT INTRODUCTION

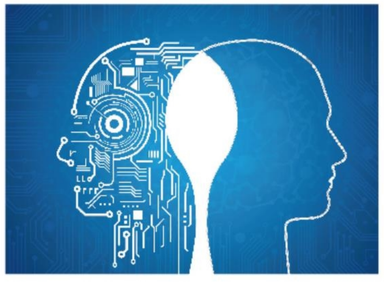
◆ EZ电机为单相直流无刷电机，电源为220-240V/50/60Hz或110-120V 60Hz,电机内部嵌入智能控制板，采用永磁转子。广泛应用于冰箱、冰柜、酒柜、陈列柜、蒸发器、散热器等领域;
◆ 高效节能，电转换效率比同类型的单相交流异步电机有大幅度提升;
◆ 防水防尘防爆设计;
◆ 电机转速选择范围宽（1000RPM-3000RPM);
◆ 电机的绝缘等级为H级;
◆ 适用环境温度为：-40℃～+50℃。

◆ The EZ motor is the single-phase brushless DC motor. The power supply is 220-240V/50/60Hz or 110-120V 60Hz. In the motor, there is the built-in intelligent control panel. The permanent-magnet rotor is used. This motor is widely applied in refrigerators, freezers, wine cabinets, showcases, evaporators, radiators, etc.
◆ This motor has features, such as high efficiency and energy saving. The electrical conversion efficiency has been greatly improved compared with the same type of single-phase AC asynchronous motor.
◆ Adopt the water-proof, dust-proof and explosion-proof design.
◆ The motor has wide speed selection range (1,000RPM-3,000RPM).
◆ The motor’s insulation grade is Grade H.
◆ Applicable environmental temperature: -40℃～+50℃.









## 型号说明 Model description

例如
For example:

EZ - 4P - 70 - 20

- 20：定子铁芯厚度为20mm / Stator Core Thickness: 20mm
- 70：定子铁芯外径为70mm / Outer Diameter of Stator Core: 70mm
- 4P：转子极数为4 / Number of Rotor Poles: 4
- EZ：EZ电机 / EZ motor



# EZ–4P SERIES MOTORS

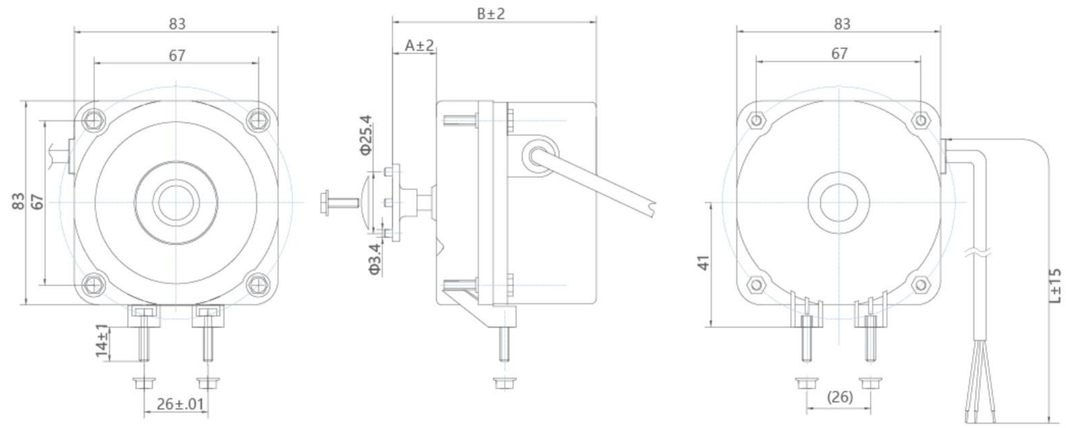
## 产品说明 Product description

1、本系列电机具有转速选择范围宽、节能环保、防爆安全、噪音低、寿命长等优点;
2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备;
3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产;
4、电机的旋转方向可以根据客户要求来定(CW,CCW都可以）。

1. This series motor has advantages, such as wide speed selection range, energy saving & environmental protection, explosion-proof safety, low noise, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor’s outgoing line specification and dimension “L” may be produced according to the user requirements.
4. The motor’s rotation direction may be customized according to the client requirements (applicable to CW and CCW).

**使用说明** 工作方式：S1　绝缘等级：Class H
防护等级：IP65　环境温度：-40℃～+50℃

**Instructions for Use** Operating mode:：S1　Insulation grade:：Class H
Protection Class:：IP65　Environmental Temperature:：-40℃～+50℃




## 电机性能参数表 Motor performance parameter table

| Model 型号 | Rated voltage 额定电压 V | Rated frequency 额定频率 Hz | Input power 输入功率 W | Rated power 额定功率 W | Rated current 额定电流 A | Rated speed 额定转速 r/min | Size 尺寸 A mm | Size 尺寸 B mm |
|---|---|---|---|---|---|---|---|---|
| EZ-4P-70-08 | 220-240 | 50/60 | 9 | 5 | 0.06 | 1300-1800 | 12 | 72 |
| | 110-120 | 60 | 9 | 5 | 0.12 | 1300-1800 | 12 | 72 |
| EZ-4P-70-12 | 220-240 | 50/60 | 16 | 10 | 0.10 | 1300-1800 | 12 | 76 |
| | 110-120 | 60 | 16 | 10 | 0.18 | 1300-1800 | 12 | 76 |
| EZ-4P-70-20 | 220-240 | 50/60 | 32 | 20 | 0.22 | 1300-1800 | 12 | 84 |
| | 110-120 | 60 | 32 | 20 | 0.38 | 1300-1800 | 12 | 84 |