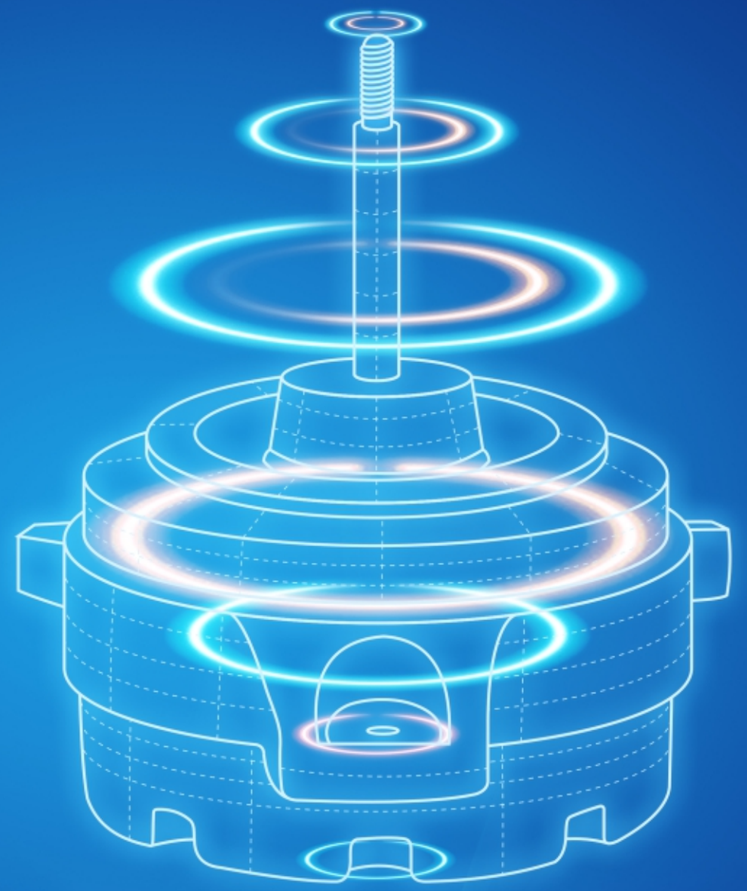
# Welling

美好生活源动力



# 威灵电机

## 产品手册

# PRODUCT MANUAL 2018

本手册印制于2017年12月，欲了解最新产品技术信息，请访问Welling官方网站：www.gmcc-welling.com
This manual was printed in Dec. 2017. For technical details about the latest products, please visit Welling website: www.gmcc-welling.com

Welling
Motivity of A Nice Lifre

本资料相关技术数据仅供参考，实际数据以我司最新的产品规格书为准
The data of this catalog is for reference only,the actual data is subject to the latest specification document

品牌整合推广：川上（中国）品牌管理有限公司 020-34354269

环保纸张
可回收资源
Recyclable
Made From Recycled Content

Welling

美好生活源动力



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# COMPANY PROFILE

# 公司简介

## 我们的企业
Company

Welling于1992年创建于广东顺德，是一家在香港联交所主板上市的公司，专业研发制造电机及其驱动系统；

Welling, established in Shunde, Guangdong in 1992, is a company listed on the main board of the Hong Kong Stock Exchang, specializing in R & D and manufacturing of motors and their driving systems.

## 我们的产品应用
Product

Welling电机产品广泛应用于家用电器领域、清洁设备、泵类产品、工业化领域等，如空调、洗衣机、洗碗机、风扇、RO净水器、车库门等诸多领域；

Welling motor products are widely used in the fields of household appliances, cleaning equipment, pump products and industrial automation such as air conditioners, washing machines, dishwashers, fans, RO water purifiers, garage doors, etc.

## 我们的体系
Market

四大电机制造基地六大工厂，2017冷年产销电机1.6亿台。其中，空调电机、洗衣机电机全球市场占有率第一，市场份额分别超过30%和16%。

Four major motor manufacturing bases and six major factories, Welling achieved production and sales of 160 million motors in 2017 refrigeration year , among which Air-conditioner motors and washing machine motors rank as market share leader in the global markets, and their market shares are 30% and 16% higher, respectively.

Welling






世界知名品牌的核芯之选

*A core choice for well-known brands around the world*

## 6个现代化工厂，年产能2.2亿台

6 modern factories, with an annual production capacity of 220 million units



广东顺德 Shunde, Guangdong



安徽芜湖 Wuhu, Anhui



江苏淮安 Huai'an, Jiangsu



江苏常州 Changzhou, Jiangsu

Welling上海研发中心（CNAL测试验证中心）致力于高能效、低噪音、性能稳定电机方向的研究。

Welling Shanghai R&D Center (CNAL Test Verification Center) is committed to the study on the motors with high energy efficiency, low noise and stable performance.



上海 Shanghai

* 相关数据源于“产业在线”统计
Relevant data from statistics of China IOL

DEVELOPMENT

MILE

# 发展里程



**1998年**
佛山市威灵洗涤
电机制造有限公司成立

In 1998,
Foshan Welling Washing
Motor Manufacturing Co.,
Ltd. is established

**1992年**
广东威灵电机制造
有限公司成立

In 1992,
Company establishment

**2001年**
佛山市威灵电子电器
公司注册成立

In 2001,
Welling Electronics Co.,
Ltd. in Foshan was
registered to be founded

**1998年**
威灵（芜湖）电机制造
有限公司成立

In 1999,
Welling Motor Manufacturing
Co., Ltd. in Wuhu was founded





**2004年**
淮安威灵电机制造
有限公司成立

In 2004,
Huai'an Welling Motor
Manufacturing Co., Ltd.
is established

**2002年**
威灵( **Welling** )商标被认
定为"广东省著名商标"

In 2002,
Welling was identified as
"Famous Brand in
Guangdong"

**2008年**
威灵控股在香港联
交所成功上市

In 2008,
Welling Holding
IPO in HK

**2006年**
威灵被认定为“中国名牌”

In 2006,
Chinese Famous Brand





**2013年**
常州新厂正式投产

In 2013,
Changzhou new plant
launched in use



**2011年**
威灵电机技术（上海）
有限公司成立

In 2011,
Welling Motor
Technology（Shanghai）
Co., Ltd. is established

**2016年**
设立“广东省企业
首席质量官”

In 2016,
"Guangdong Provincial
Enterprise CQO"
established

**2014年**
入选中国外贸出口先
导样本企业

In 2014,
Selected as a China's ELI
(export leading index)
sample enterprise

INNOVATIVE
TECHNOLOGIES

# 创新科技



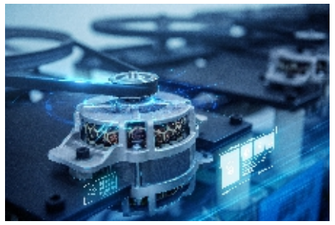

**Welling一直致力于高能效、低噪音、性能可靠的电机研究，为客户提供系统的电机技术解决方案。**

Welling is always dedicated to developing high-efficiency, low-noise, and reliable-performance motors, and providing customers with systematic motor technology solutions.

## 研发能力
R&D Capability

Welling持续开发、引进先进技术，聘请外籍专家、高级工程师为技术研发主力，至2017年，公司规划投资2亿元用于研发中心科研创新工作，着力打造世界一流的研发机构，目前已有500多项专利成功授权。

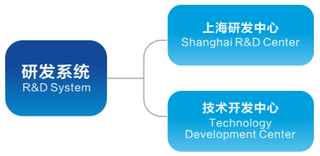
Welling is developing and importing advanced technologies, and hiring foreign experts and senior engineers as technical R&D team. Till 2017, the company has planned 200 million Yuan for the scientific and technologic innovation of the R&D center, and intending to build the center as a first-class R&D institute. Currently, the center has obtained more than 500 patents.



## 研发系统
R&D System

Welling上海研发中心主要进行电机基础技术、可行技术及前瞻性技术研究；技术开发中心负责产品开发，通过全面的开发管理体系，确保产品的性能、品质以及成本满足客户要求。

Shanghai R&D center of Welling is mainly developing basic technologies, feasible technologies, and forward-looking technologies of motors. The center is responsible for developing products and ensuring that product performance, quality and cost meet customer requirements through the comprehensive development management system.






## 上海研发中心
Shanghai R&D Center

上海研发中心聘请国际著名电机及其驱动专家、英国皇家工程院院士诸自强教授担任研发中心主任，同时还聘请多名海内外博士、硕士加盟；形成以国际专家为带头人、硕士为主体的科研团队。研发中心不断开拓高新产品领域，打造自主的电机核心技术，以建设国际一流的研发机构为方向，为威灵电机快速稳步发展提供技术保障。

Shanghai R&D center hires Professor Zhu Ziqiang, international well-known motor and drive expert and academician of the Royal Academy of Engineering, as the director of the center, and many other foreign and domestic engineers holding doctoral or master degrees, which constitute an R&D team led by the international expert and consisting of mainly masters.



## 研发队伍建设
R&D Team Building

上海研发中心每年选拔并公派优秀员工到英国谢菲尔德大学攻读博士学位，促进企业人才培养成长，为威灵电机产品发展提供人才保障。

Shanghai R&D center selects and dispatches outstanding staff every year to University of Sheffield to study for a PhD, with an aim of promoting talent development and providing talent guarantee for the development of Welling motor products.



# CORE
# PRODUCTS

# 核心产品

**Welling不断创新优秀的电机产品，为人类美好生活提供源动力。**

Welling continues to create new motor products to provide source power for people's life.




## 风之灵
Wind of Welling

**Welling空调用BLDC电机，高效低噪电机技术解决方案**

FOC无位置控制技术，行业竞争优势，应用优秀；
改善低速电流波形，电机噪音振动最优化；
Id=0的控制方式电机整体效率最优化；
实现转速闭环或力矩闭环控制。

**Welling BLDC motors for air conditioners – high-efficiency and low-noise motor technology solution**

FOC position-less control technology, offering competitive edge and outstanding application
Improved low-speed current waveform, minimizing motor noise and vibration
Id=0 control method, enabling the overall efficiency of motors to be optimized
Rotation speed based closed-loop or torque based closed-loop



## 气之灵
Air of Welling

**Welling商用盘管风机ECM电机，节能恒温电机技术解决方案**

恒转矩变频电机技术，高效低噪控制技术；
智能送风，平衡空间温差，恒温舒适空间；
安全可靠硅胶灌封电控保护。

**Welling ECM motors for commercial coil fans – energy-efficiency thermostatic motor technology solution**

Constant torque inversion motor technology and high-efficiency and low-noise control technology
Intelligent air supply, balancing room temperature and ensuring thermostatic and comfortable space
Safe and reliable silicone potting, implementing power control protection



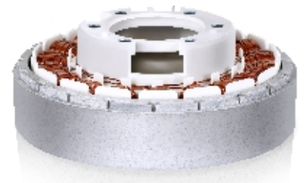
## 水之灵
Water of Welling

**Welling 波轮洗衣机用DDM电机，洁净变频电机技术解决方案**

高精度智能称重技术，自动投放洗涤剂；
高性能烧结铁氧体技术，电机高效节能；
磁瓦三段式优化设计确保产品的超低噪音；
BMC包塑以及铝线特殊接头保护，产品高可靠。

**Welling DDM motors for pulsator washing machines –clean inversion motor technology solution**

High-precision intelligent weighing technology, enabling detergent to be filled automatically
High-performance sintered ferrite technology, improving energy efficiency of the motors
Magnetic tile three-stage design, minimizing noise
BMC plastic wrappers and special connectors for aluminum wires, ensuring high reliability



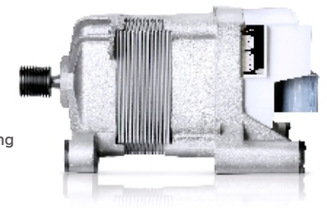
## 浪之灵
Wave of Welling

**Welling 滚筒洗衣机用BLDC电机，智能快洗电机技术解决方案**

无位置传感器快速起动技术，有效减少洗涤时间；
正弦波矢量控制驱动，有效降低噪音和振动；
智能不平衡感知技术，实现快速平衡和超低噪音。

**Welling BLDC motors for drum washing machines – intelligent quick-washing motor technology solution**

Quick start technology of position-less sensors, effectively reducing washing time
Sine wave vector control drive, effectively reducing noise and vibration
Intelligent imbalance sensing technology, implementing quick balance and minimizing no



PRODUCT
QUALITY

# 制造品质

**以顾客为中心，通过全员的努力和持续改进，为顾客提供优质的产品和服务**

Oriented to customers, GMCC provides quality products and services for customers by all hard work and continuous improvement.



## 制造能力
Manufacturing Capability

Welling依托多元化的生产模式，满足客户小批量、多批次的产品要求，致力于为客户制造出满意的产品；同时，积极发展自动化和信息化，持续推进精益管理，全力打造先进的智能工厂。

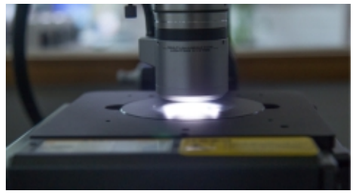
Depending on diverse production modes, Welling meets customers' requirements for small batches or multiple batches of products and devotes to manufacture satisfactory products for customers. Meanwhile, GMCC develops automation and informatization proactively and continues to promote refined management to build an advanced intelligent plant.



## 产品检测
Product Test

Welling建立了完整的试验室质量体系，设有电机性能、安全性能、零部件精密尺寸、噪声振动、材料、环境、电机可靠性等多个检测试验室和计量校准室，可按标准方法进行规范的检查和校准。

Welling builds a complete laboratory quality system which is equipped with multiple test laboratories that test motor performance/security/reliability, component size, noise, vibration, materials and environment, and metering & calibration rooms where inspection and calibration can be performed in accordance with standards.

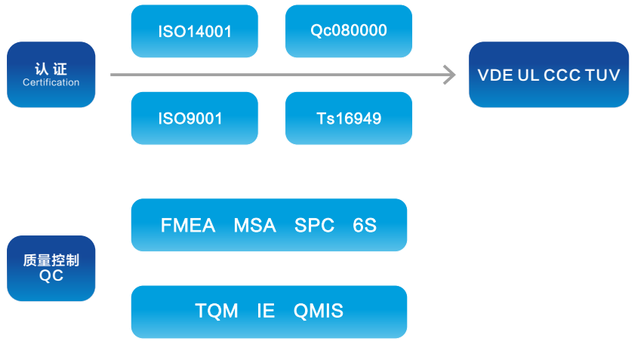




## 品质管理
Quality Management

公司不断完善与优化品质管控体系，通过了TS16949符合性认证、QC080000、ISO14001、ISO9001体系认证，CCC、TUV、UL安全认证等，品质达到国际水平。

GMCC improves and optimizes quality management system continuously, and GMCC products are certified by TS16949, QC080000, ISO14001, ISO9001, CCC, TUV, and UL, so GMCC product quality reaches international level.



# MARKETING NETWORK

# 营销网络




## 服务全球
Servicing Globally

产品行销全球，涵盖20多个国家和地区，在国内设立了29个办事处，在美国、意大利、泰国、韩国等国家设立了海外办事处。

Welling products are sold worldwide, covering more than 20 countries and regions. 29 offices are built within China, and oversea offices are set in U.S., Italy, Thailand, and South Korea.

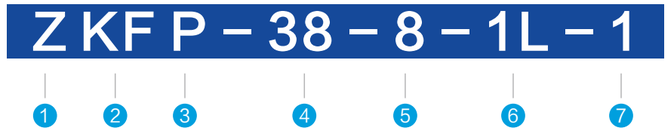
## 品牌之选
Best Choice of Brands

产品行销全球，服务于三星、LG、松下、开利、夏普、雷诺仕、日立、伊莱克斯，惠而浦，意黛喜，大金、西门子，美的，海尔、海信等国际知名品牌。

Welling products are sold to a great number of international well-known brands, including, Samsung, LG, Panasonic, Carrier, Sharp, Renault, Hitachi, Electrolux, Whirlpool, Yiddish, Daikin, Siemens, Midea, Haier, Hisense.



# 命名规则
## Model Naming Rules




1 **电机类型(见1.1)**
Motor type (see 1.1)

2 **使用行业和分类代号(见1.2)**
Applicable industry and classification code (see 1.2)

3 **功能代号(见1.3)**
Function code (see 1.3)

4 **标称功率（铁芯/外壳规格）(见1.4)**
Nominal power (iron core / shell specifications) (see 1.4)

5 **极数（叠厚）(见1.5)**
Pole number (thickness) (see 1.5)

6 **设计序号+绕组材质(见1.6)**
Design No. + Winding Material (see 1.6)

7 **区分代码(见1.7)**
Code for Differentiating

### 1.1 电机类型

“Y”表示异步电机、“Y”表示感应泵；
“H”表示串激电机、“H”表示串激泵；
“Z”表示无刷直流电机、“Z”表示无刷直流泵；
“D”表示有刷直流电机、“D”表示有刷直流泵。

### 1.1 Motor type

"Y" refers to the asynchronous motor, "Y" refers to the induction pump;
"H" refers to the series excited motor, "H" refers to the series excited pump;
"Z" refers to the brushless DC motor, "Z" refers to the brushless DC pump;
"D" refers to the brush DC motor, "D" refers to the brush DC pump.

### 1.2 使用行业和分类代号

- **使用行业各字符代表的含义：**

“K”表示空调类用电机；“B”表示冰箱类用电机；
“X”表示洗涤类用电机；“S”表示生活类用电机；
“C”表示厨房类用电机；“G”表示工具类用电机。

说明：提升生活质量和舒适度的终端所用的电机为生活类电机，围绕食品或饮品加工处理的终端所用的电机为厨房类用电机。

### 1.2 Applicable industry and classification code (see 1.2)

- **The meaning of each character in applicable industry:**

"K" refers to the motor used in the air conditioner; "B" refers to the refrigerator motor;
"X" refers to the motor used for washing; "S" refers to the motor used for living;
"C" refers to the motor used in the kitchen; "G" refers to the motor used for tools.

Description: Motors used on terminals that can improve living quality and comfortability belong to the living ones, while those used for food or beverage processing are the kitchen ones.

- **分类代号各字符代表的含义：**

“F”表示塑封电机或表示风扇、冷风扇、吊扇电机、冰箱电机；“T”表示铁壳电机；“S”表示商用电机；
“B”表示波轮电机或泵类；“G”表示滚筒电机；“W”表示洗碗机电泵；“H”表示干衣机电机；
“Y”表示冰压机电机、空压机电机；“R”表示热水器电机；“Q”表示空气清新机电机、加湿器电机、除湿机电机；
“M”表示食品加工电机；“C”表示油烟机电机；“J”表示清洁设备电机；“U”表示电动工具电机；
“X”表示饮水机清洗电泵；“S”表示净水设备电泵；“D”表示吸尘器电机。

- **The meaning of each character:**

"F" refers to plastic package motor or fan, cooling fan, ceiling-fan motor, refrigerator motor; "T" refers to iron shell motor; "S" refers to commercial motor;
"B" refers to impeller motor or pumps; "G" refers to the rollor motor; "W" refers to the dishwasher motor; "H" refers to the dryer motor;
"Y" refers to the ice compressor motor, and air compressor motor; “R" refers to water heater motor;
"Q" refers to air purifier motor, humidifier motor, dehumidifier motor; “M" refers to the food processing motor; "C" indicates the hood motor;
"J" refers to the cleaning machine motor; "U" refers to the motor of the electric tool; "X" refers to the motor used for water dispenser cleaning;
"S" refers to the motor used in water purification equipment; "D" refers to the vacuum cleaner motor.

### 1.3 由1位大写字母（A~Z）组成，B、I、O不使用，无特殊代码要求的可省略

### 1.3 Composed of 1 uppercase letters (A~Z); B, I, O are not used; those with no special code requirements can be omitted.

### 1.4 标称功率（铁芯/外壳规格）

串激电机用定子铁芯外径的整数值表示，有刷直流电机、有刷直流泵用机壳外径的整数值表示，其他电机用额定输出功率的整数值表示，用1至5位阿拉伯数字表示（1,2,3…），对于额定输出超过10000W的电机，应将后面三个零以K表示，例：10000W，在型号中应为10K。

### 1.4 Nominal power (iron core / shell specifications)

The series excited motor is expressed by the integer value of stator core diameter; the brushless DC motor and brush DC pump are expressed by the integer value of case diameter; other motors can be expressed by the integer value of output rating, with arabic numerals of single digit to 5 digit(1, 2, 3...). For motors whose rated output is more than 10000W, the following three zeros should be expressed by K, for example: in the model, 10000W should be 10K.

### 1.5 极数（叠厚）

串激电机用定子铁芯叠厚的整数值表示，有刷直流电机、有刷直流泵用转子铁芯叠厚的整数值表示，其他电机用极数表示，用1至3位阿拉伯数字表示（1,2,3…）。

### 1.5 Pole number (thickness)

The series excited motor is expressed by the integer value of stator core thickness; the brushless DC motor and brush DC pump are expressed by the integer value of stator core thickness; other motors can be expressed by pole numbers, arabic numerals of single digit to triple digit(1, 2, 3...).

### 1.6 设计序号+绕组材质

用“1-999”的阿拉伯数字表示。L表示含有铝线绕组，不含铝线绕组的可省略。

### 1.6 Design No. + Winding Material

Use arabic numerals "1-999" to represent it. L refers to aluminium wire winding is contained. The one without that winding can be omitted.

### 1.7 区分代码

在原有电机型号基础上，变化部分不影响电机性能、关键结构或安全认证的，采用区分代码进行区分
A）区分代码规则：用“1-99”的阿拉伯数字表示。
B）每个类型的第一款产品区分代码可为空。
C）区分代码示例：YKFG-15-2-1L-1表示“家用空调类带脉冲的塑封电机，额定功率为15W,极数为2，区分代码为1的铝线电机，这款产品是由YKFG-15-2-1L衍生出来”。

### 1.7 Code for Differentiating

Based on the original motor model, the changed parts that have no impact on motor performance, key structure or safety certification are differentiated by a code.
A) Code rule: "1-99" Arabic numerals.
B) The code for differentiating the first product of each type can be null.
C) Code sample: YKFG-15-2-1L-1 represents "a plastic sealed pulse motor for household AC conditioner which is a motor with aluminum windings. Rated power is 15W, number of poles is 2 and code for differentiating is 1. It is derived from the YKFG-15-2-1L. "

# 空调&空气净化器—DC

Air Conditioner & Air Purifier --DC

（●家用 ■商用）（●Home ■Commercial）

| DC-家用空调 Home Air Conditioner | | | 5W | 35W | 65W | 80W | 100W | 150W | 250W | 500W | 1000W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 Series (●) |  | 室内机 Indoor Unit | | 20 | 65 | | | | | | |
| |  | 室外机 Outdoor Unit | | 25 | 65 | | | | | | |
| 94 Series (●■) |  | 室内机 (柜机、天花) Indoor Unit (Packaged /Ceiling) | | | 60 | | 100 | | | | |
| |  | 室外机 Outdoor Unit | | | 60 | | 100 | | | | |
| 107 Series (●■) |  | 室内机 室外机 Indoor/ Outdoor Unit | | | | 80 | | 150 | | | |
| |  | 室外机 (柜机、天花机) Outdoor Unit (Packaged /Ceiling) | | | | 80 | | 150 | | | |
| |  | 室外机 (柜机、天花机) Outdoor Unit (Packaged /Ceiling) | | | | | 100 | 250 | | | |
| |  | 室内机 Indoor Unit | | | | | 100 | 250 | | | |
| 138 Series (ECM) (■) |  | 室内机 Indoor Unit | | | | | | | 250 | 750 | |
| 173 Series (■) |  | 室外机 Outdoor Unit | | | | | | | | 350 | 1000 |

| DC-空气净化器 Air Purifier | | 5W | 35W | 65W | 80W | 100W | 150W | 250W | 500W | 1000W |
|---|---|---|---|---|---|---|---|---|---|---|
| 86 Series |  | | 5 | 33 | | | | | | |
| 87 Series |  | | | 20 | 65 | | | | | |



# 空调—AC

Air Conditioner--AC

（●家用 ■商用）（●Home ■Commercial）

| AC-家用空调 Air Conditioner--AC | | | 5W | 35W | 65W | 80W | 100W | 150W | 250W | 500W | 1000W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 Series (●) |  | 抽湿机 Dehumidifier | | 5 | 25 | | | | | | |
| |  | 空气清新机 Air freshener | | 5 | 25 | | | | | | |
| 78 Series (●) |  | 分体空调 室内机 Indoor Unit | | 5 | 30 | | | | | | |
| |  | 抽湿机 Dehumidifier | | 5 | 30 | | | | | | |
| |  | 空气清新机 Air freshener | | 5 | 30 | | | | | | |
| 80 Series (●) |  | 分体空调 室外机 Outdoor Unit | | 5 | 35 | | | | | | |
| |  | 移动空调机 Portable A/C | | 5 | 35 | | | | | | |
| 82 (3.3INCH) Series (●) | | 暖炉排风机 Heat Exchanger | | 5 | 65 | | | | | | |
| 95 Series (●■) |  | 分体空调 室内机 Indoor Unit | | | 25 | 65 | | | | | |
| |  | 分体空调 室内机 Indoor Unit | | | 25 | | | 80 | | | |
| |  | 分体空调 室外机 Outdoor Unit | | | 25 | | | 80 | | | |
| |  | 分体空调 室外机 Outdoor Unit | | | 15 | | 65 | | | | |
| |  | 移动空调机 Portable A/C | | | 25 | | | 80 | | | |

# 空调—AC

Air Conditioner--AC

（●家用 ■商用）（●Home ■Commercial）

| AC-家用空调 Air Conditioner--AC | | | 5W | 35W | 65W | 80W | 100W | 150W | 250W | 500W | 1000W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 Series (●■) |  | 窗式空调机 Window A/C | | 25 | | 80 | | | | | |
| |  | 风盘式空调内机 Indoor FCU | | 15 | | 80 | | | | | |
| 110 Series (●) |  | 分体空调室内机 Indoor Unit | | | 50 | | 100 | | | | |
| |  | 分体落地空调室内机 Indoor Unit | | | 50 | | 100 | | | | |
| |  | 分体空调室外机 Outdoor Unit | | | 50 | | 100 | | | | |
| |  | 移动空调机 Portable A/C | | | 50 | | 100 | | | | |
| |  | 窗式空调机 Window A/C | | | 50 | | 100 | | | | |
| |  | 抽油烟机 Kitchen Hood | | | 50 | | 100 | | | | |
| |  | 风盘式空调内机 Indoor FCU | | | 50 | | 100 | | | | |
| 120 Series (●■) |  | 风盘式空调内机 Indoor FCU | | | 50 | | 100 | | | | |
| |  | 分体落地空调室内机 Indoor Unit | | | | 60 | | 130 | | | |
| |  | 分体落地空调室外机 Outdoor Unit | | | | 60 | | 130 | | | |
| |  | 窗式空调机 Window A/C | | | | 60 | | 130 | | | |



# 空调—AC

Air Conditioner--AC

（●家用 ■商用）（●Home ■Commercial）

| AC-家用空调 Air Conditioner--AC | | | 50W | 100W | 150W | 200W | 250W | 300W | 350W | 1500W | 2100W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 Series (●■) |  | 移动空调机 Portable A/C | | 60 | 130 | | | | | | |
| |  | 抽油烟机 Kitchen Hood | | 60 | 130 | | | | | | |
| 140 Series (●■) |  | 窗式空调机 Window A/C | | 80 | | | | 300 | | | |
| |  | 美式风管空调外机 Outdoor FCU | | 80 | | | | 300 | | | |
| |  | 冷冻设备 Freezer | | 80 | | | | 300 | | | |
| 160 Series (●■) |  | 室内机 Indoor Unit | | | | | | | 350 | | 2100 |

# 抽油烟机

Kitchen Hood

| DC-抽油烟机 Kitchen Hood | | | 20W | 40W | 60W | 80W | 100W | 120W | 140W | 160W | 180W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 107 Series |  | 抽油烟机 Kitchen Hood | | | | 80 | | 150 | | | |

| AC-抽油烟机 Kitchen Hood | | | 20W | 40W | 60W | 80W | 100W | 120W | 140W | 160W | 180W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 Series |  | 抽油烟机 Kitchen Hood | | | 30 | | 100 | | | | |
| 95 Series |  | 抽油烟机 Kitchen Hood | | | | 50 | 100 | | | | |
| 110 Series |  | 抽油烟机 Kitchen Hood | | | | 75 | 110 | | | | |
| 120 Series |  | 抽油烟机 Kitchen Hood | | | | 50 | | | 150 | | |

# 洗衣机
Washing Machine

| DC–波轮洗衣机 Pulsator Washing Machine | 30W | 150W | 200W | 250W | 300W | 350W | 400W | 500W | 550W |
|---|---|---|---|---|---|---|---|---|---|
| 107 –BLDC Series |  | 30 | | | | | | 500 | |
| 146 –BLDC Series |  | | 150 | | | 350 | | | |
| 161 –BLDC Series |  | | | 250 | | | 450 | | |
| 191 –BLDC Series |  | | | | | | 400 | 500 | |

| AC–波轮洗衣机 Pulsator Washing Machine | 50W | 80W | 100W | 150W | 250W | 300W | 350W | 400W | 500W |
|---|---|---|---|---|---|---|---|---|---|
| 110 Series |  | | 30 | | | 500 | | | |
| 115 Series |  | | | 140 | 200 | | | | |
| 120 Series |  | | | | 180 | 300 | | | |

| DC–滚筒洗衣机 Drum Washing Machine | 30W | 200W | 300W | 350W | 400W | 500W | 700W | 800W | 1000W |
|---|---|---|---|---|---|---|---|---|---|
| DD Series |  | | | 350 | | | 750 | | |
| BLDC Series |  | 30 | | | | | | | 1000 |



# 洗衣机
Washing Machine

| AC–滚筒洗衣机 Drum Washing Machine | 30W | 150W | 200W | 250W | 300W | 400W | 500W | 550W | 600W |
|---|---|---|---|---|---|---|---|---|---|
| UM–E Series |  | 30 | | | 350 | | | | |
| UM–F Series |  | | 50 | | | | | 550 | |
| CIM–2P Series |  | 30 | | | | | | 550 | |
| CIM–4P Series |  | 30 | | | | | | 550 | |

# 干衣机
Dryer

| DC–干衣机 Dryer | 30W | 150W | 200W | 250W | 300W | 400W | 500W | 550W | 600W |
|---|---|---|---|---|---|---|---|---|---|
| 96 Series |  | | 150 | | 300 | | | | |

## 洗碗机
Dishwasher

| DC–洗涤泵 Washer Pump | | 20W | 40W | 60W | 80W | 100W | 120W | 140W | 160W | 180W |
|---|---|---|---|---|---|---|---|---|---|---|
| 73 Series |  | | 40 | 65 | | | | | | |

| AC–洗涤泵 Washer Pump | | 20W | 40W | 60W | 80W | 100W | 120W | 140W | 160W | 180W |
|---|---|---|---|---|---|---|---|---|---|---|
| 75 Series |  | | | 50 | 70 | | | | | |
| 75 Series (嵌入式) (Embedded) |  | | 35 | 50 | | | | | | |
| 80 Series |  | | | 40 | 60 | | | | | |
| 90 Series (1) |  | | | 50 | 70 | | | | | |
| 90 Series (2) |  | | | 50 | 60 | | | | | |
| 90 Series (嵌入式) (Embedded) |  | | 35 | 40 | | | | | | |
| 101*101 Series |  | | | | 60 | 100 | | | | |



## 净水器
Water Purifier

| DC–净水增压隔膜泵 Booster Pump for Water Purifier | | 0加仑 gallon | 50加仑 gallon | 100加仑 gallon | 200加仑 gallon | 300加仑 gallon | 400加仑 gallon | 500加仑 gallon | 600加仑 gallon | 700加仑 gallon |
|---|---|---|---|---|---|---|---|---|---|---|
| C Series |  | | 50 | 75 | | | | | | |
| B Series |  | | | 100 | 300 | | | | | |
| D Series |  | | | | | | 400 | 600 | | |

## 电抗器
Electric Reactor

| 电抗器 Electric Reactor | | 1.5mH | 5mH | 8mH | 10mH | 15mH | 20mH | 25mH | 30mH | 35mH |
|---|---|---|---|---|---|---|---|---|---|---|
| 空调用电抗器系列 Electric Reactor for A/C |  | 1.5 | | | | | | 25 | | |
| 洗衣机用电抗器系列 Electric Reactor for Washing Machine |  | 1.5 | | | | | | 25 | | |

## 其它
Other Motors

| DC–燃气热水器 Gas water heater | | 5W | 10W | 20W | 30W | 40W | 50W | 60W | 70W | 80W |
|---|---|---|---|---|---|---|---|---|---|---|
| 86 Series |  | | 8 | | 30 | | | | | |

# 其它
Other Motors

| AC–燃气热水器 Gas water heater | | 1W | 3W | 6W | 9W | 12W | 15W | 18W | 20W | 22W |
|---|---|---|---|---|---|---|---|---|---|---|
| 78 Series |  | | | 6 | | | | | 20 | |

| DC–食品加工机&垃圾粉碎机 Food processing machine, Garbage crusher | | 30W | 100W | 200W | 300W | 400W | 500W | 600W | 700W | 800W |
|---|---|---|---|---|---|---|---|---|---|---|
| HXZ42 Series |  | 30 | | | 250 | | | | | |
| HXZ62 Series |  | | 80 | | | | 500 | | | |
| HXZ81 Series |  | | | | 250 | | | | 750 | |

| DC–电动门 Electric door | | 50W | 80W | 100W | 150W | 250W | 300W | 350W | 400W | 500W |
|---|---|---|---|---|---|---|---|---|---|---|
| HXZ60 Series (1) |  | | 40 | | 120 | | | | | |
| HXZ60 Series (2) |  | 20 | | | 150 | | | | | |
| HXZ81 Series |  | | | 60 | | | 300 | | | |





# 其它
Other Motors

| DC–冰箱 Refrigerator | | 1W | 3W | 6W | 9W | 12W | 15W | 18W | 20W | 22W |
|---|---|---|---|---|---|---|---|---|---|---|
| 58 Series |  | 1 | | 5 | | | | | | |

| DC–风扇 Fun | | 1W | 3W | 6W | 9W | 12W | 15W | 18W | 20W | 22W |
|---|---|---|---|---|---|---|---|---|---|---|
| 76 Series |  | | | | 8 | | 15 | | | |
| 88 Series |  | | | | 8 | | 15 | | | |

| AC-面包机 Bread maker | | 5W | 35W | 65W | 80W | 100W | 150W | 250W | 500W | 1000W |
|---|---|---|---|---|---|---|---|---|---|---|
| 80 Series |  | 5 | | 45 | | | | | | |

# 空调电机
## DC-87系列
Air Conditioner Motor — DC 87 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFP-38-8-1 | 38W | 140 V | 15V | 1360 | PWM | 12 pulse/r |
| ZKFP-40-8-2 | 40W | 310 V | 15V | 820 | PWM | 12 pulse/r |
| ZKFP-30-8-7 | 30W | 310V | 15V | 980 | PWM | 12 pulse/r |
| ZKFP-13-8-4 | 13W | 310V | 15V | 1400 | PWM | 12 pulse/r |
| ZKFP-50-8-7 | 50W | 310V | 15V | 850 | PWM | 12 pulse/r |
| ZKFP-30-8-104 | 30W | 310V | 15V | 900 | PWM | 12 pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 26~65 | 内置/外置 Inner/External | DC | 0~40 | IP20 | 橡胶圈 Rubber gasket mounting | E |

### 特征 Features

树脂封装，本体厚度39/42/51mm可选
Resin packaging, body thickness is optional among 39/42/51mm.

铜线及铝线可选
Copper & aluminum wires

**控制方式**
**Control mode**

PAM/PWM可选
PAM/PWM

方波驱动及正弦波驱动可选
Square-wave driving & sine-wave driving

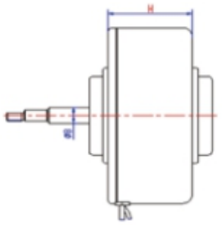
Sensorless可选
Sensorless

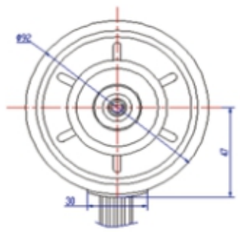
### 用途 Application

空调室内机
A/C Indoor Unit

空气净化机
Air purifier

### 安装方式 Mounting type









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# 空调电机
## DC-87系列
Air Conditioner Motor — DC 87 series

### 法兰盘式安装 Flange Type Mounting

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFN-43-8-2 | 43W | 280 V | ---- | 950 | Sensorless | ---- |
| ZKFN-25-8-2 | 25W | 280 V | ---- | 950 | Sensorless | ---- |
| ZKFP-40-8-11 | 40 W | 280 V | 5V | 900 | 三霍尔 | 12 pulse/r |
| ZKFP-40-8-21 | 40 W | 280 V | 5V | 950 | 单霍尔 | 4 pulse/r |

### 法兰盘带胶圈式安装 Flange Type With Rubber Gasket Mounting

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFN-41-8-22 | 41W | 280 V | ---- | 950 | Sensorless | ---- |
| ZKFN-60-8-1 | 60W | 280 V | ---- | 1000 | Sensorless | ---- |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 25~65 | 内置/外置 Inner/External | BLDC | -20~60 | IP44 | 法兰盘/带胶圈 Flange Type / with Rubber Gasket | E |

### 特征 Features

树脂封装
Resin packaging

铜线及铝线可选
Copper & aluminum wires

安装方式为法兰盘式
Flange mounting

**控制方式：**
**Control mode:**

方波驱动及正弦波驱动可选
Square-wave driving & sine-wave driving

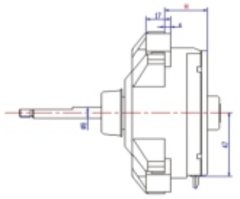
单/三霍尔及Sensorless可选
Single / tri-Holzer & Sensorless

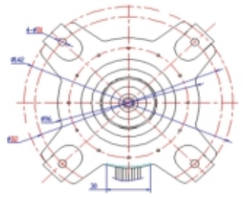
### 用途 Application

空调室外机
A/C Outdoor Unit

空气能热水器
Air-heat Pump Water Heater

### 安装方式 Mounting type







# 空调电机
## DC-94系列
Air Conditioner Motor — DC 94 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFN-100-8-1 | 100W | 280V | ---- | 1050 | Sensorless | ---- |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 280V/310V | 60~120 | 内置/外置 Inner/External | BLDC | -20~ 60 | IP44 | 法兰盘/带胶圈 Flange Type / with Rubber Gasket | E |

### 特征
### Features

树脂封装

Resin packaging

铜线

Copper wire

**控制方式:**

**Control mode:**

正弦波驱动

Sine-wave driving

Sensorless可选

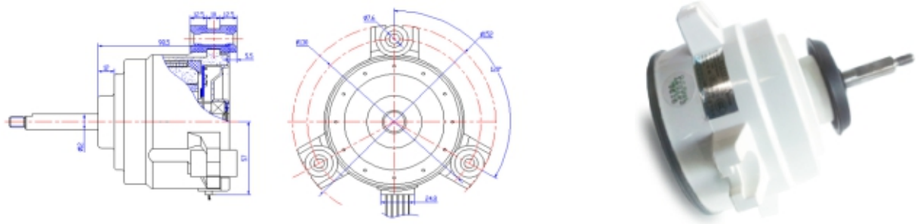
Sensorless

### 用途
### Application

柜机室外机

Packaged A/C Outdoor Unit

### 安装方式 Mounting type






# 空调电机
## DC-94系列
Air Conditioner Motor — DC 94 series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### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFP-70-8-1 | 72W | 310V | 15V | 950 | PWM | 12 pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 280V/310V | 60~120 | 内置/外置 Inner/External | BLDC | -20~ 60 | IP44 | 法兰盘/带胶圈 Flange Type / with Rubber Gasket | E |

### 特征
### Features

树脂封装

Resin packaging

铜线

Copper wire

**控制方式:**

**Control mode:**

正弦波驱动

Sine-wave driving

Sensorless可选

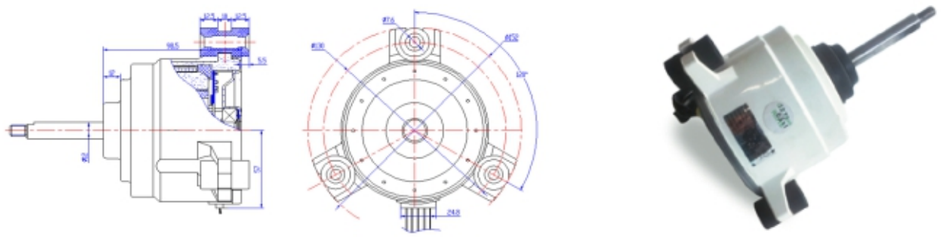
Sensorless

### 用途
### Application

柜机室外机

Packaged A/C Outdoor Unit

### 安装方式 Mounting type



# 空调电机
## DC-107系列
Air Conditioner Motor — DC 107 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFN-80-8-3 | 80W | 310V | 15V | 1000 | Sensorless | 12 pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 80~150 | 内置/外置 Inner/External | BLDC | -20~ 60 | IP20 | 法兰盘/带胶圈 Flange Type / with Rubber Gasket | E |

### 特征
树脂封装
铜线及铝线可选
减振胶圈及法兰盘安装可选

### Features
Resin packaging
Copper & aluminum wires
Vibration reduction rubber gasket & flange mounting

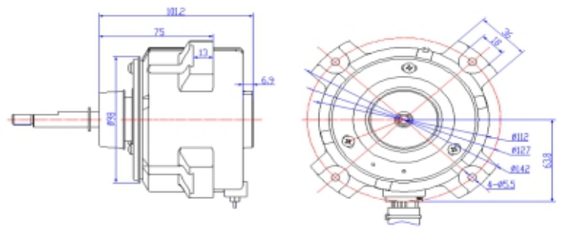
**控制方式:**
正弦波驱动可选
Sensorless可选

**Control mode:**
Sine-wave driving
Sensorless

### 用途
柜机室外机
天花机室外

### Application
Packaged A/C Outdoor Unit
Ceiling A/C Outdoor Unit

### 安装方式 Mounting type







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# 空调电机
## DC-107系列
Air Conditioner Moto — DC 107 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKSP-100-8-6 | 100W | 310V | 15V | 1100 | PWM | 12 pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 80~150 | 内置/外置 Inner/External | BLDC | -20~ 40 | IP44 | 法兰盘/带胶圈 Flange Type / with Rubber Gasket | E |

### 特征
树脂封装
铜线及铝线可选
胶圈安装

### Features
Resin packaging
Copper & aluminum wires
Rubber Gasket Mounting

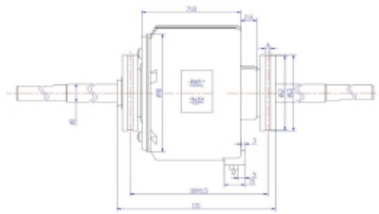
**控制方式:**
正弦波驱动
Sensorless可选

**Control mode:**
Sine-wave driving
Sensorless

### 用途
盘管风机

### Application
Packaged A/C Outdoor Unit

### 安装方式 Mounting type







# 空调电机
## DC-107系列
Air Conditioner Motor — DC 107 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vm电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKSP-100-8-6 | 100W | 310V | 15V | 1030 | PWM | 12pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 80~150 | 内置/外置 Inner/External | BLDC | -20~ 40 | IP20 | 法兰盘式 Flange mounting | E |

### 特征
树脂封装
法兰盘式安装

**控制方式:**
恒风量控制可选
AC输入可选

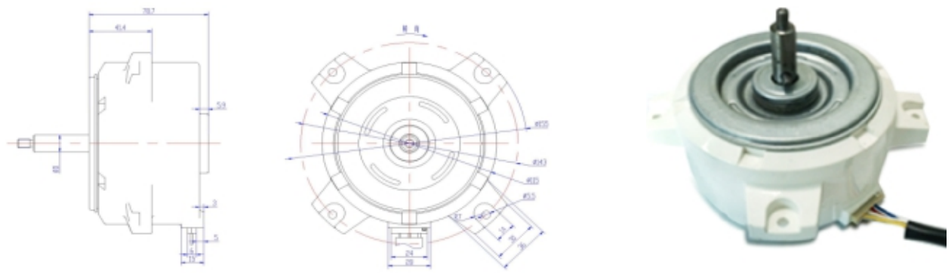
### Features
Resin packaging
Flange mounting

**Control mode:**
Constant air flow control
AC input

### 用途
抽油烟机

### Application
Kitchen Hood

### 安装方式 Mounting type





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# 空调电机
## DC-107系列
Air Conditioner Motor — DC 107 series


### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vm电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFN-170-8-20 | 170W | 310V | 15V | 850 | PWM | 12pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 150~250 | 内置/外置 Inner/External | BLDC | -20~ 40 | IP44 | 法兰盘/带胶圈 Flange Type / with Rubber Gasket | E |

### 特征
树脂封装
胶圈及法兰盘式安装可选

**控制方式:**
正弦波驱动可选
Sensorless可选

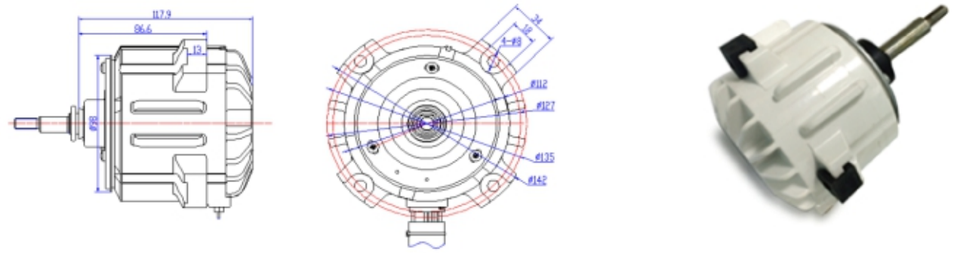
### Features
Resin packaging
Rubber gasket & flange mounting

**Control mode:**
Sine-wave driving
Sensorless

### 用途
柜机室外机
天花机室外机

### Application
Packaged A/C Outdoor Unit
Ceiling A/C Outdoor Unit

### 安装方式 Mounting type



# 空调电机
## DC-107系列
Air Conditioner Motor — DC 107 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKFN-240-8-1 | 240W | 310 V | ---- | 1100 | Sensorless | ---- |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/280/310 | 150~250 | 内置/外置 Inner/External | BLDC | -20~60 | IP44 | 胶圈安装 Rubber gasket mounting | E |

### 特征 Features

树脂封装 — Resin packaging

胶圈安装 — Rubber gasket mounting

**控制方式:** **Control mode:**

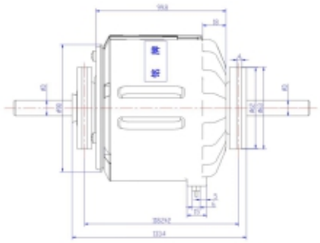
正弦波驱动可选 — Sine-wave driving

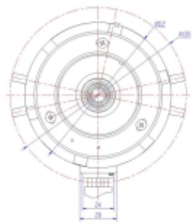
Sensorless可选 — Sensorless

### 用途 Application

盘管风机 — FCU

### 安装方式 Mounting type









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# 空调电机
## DC-138系列
Air Conditioner Motor — DC 138 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Freq | 信号电压 Signal Voltage | 转速 RPM | 扭矩 (N.M) | 控制方式 Control | 档位 tap |
|---|---|---|---|---|---|---|---|---|
| ZKSD-250-8-50 | 1/3HP | 230VAC | 50/60Hz | 24V AC | 1050 | 2.3 | Vector | 5 |
| ZKSD-375-8-50 | 1/2HP | 230VAC | 50/60Hz | 24V AC | 1050 | 3.5 | Vector | 5 |
| ZKSD-560-8-50 | 3/4HP | 230VAC | 50/60Hz | 24V AC | 1050 | 5.2 | Vector | 5 |
| ZKSD-750-8-50 | 1HP | 230VAC | 50/60Hz | 24V AC | 1050 | 6.9 | Vector | 5 |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| AC208V~230V AC115V | 250~750 | 外置/AC直接输入 External / AC Direct Input | 恒转速/恒风量/恒转矩 Constant Speed, Air Volum e and Torque | -40~ 60 | IP00 | 抱箍安装 Hoop Mounting | B |

### 特征 Features

树脂封装,低振动噪声 — Resin packaging, low vibration noise

多档位或单档位可选 — Multi gear/single gear

铜线及铝线可选 — Copper/aluminum wire

**控制方式:** **Control mode:**

Foc vector control — FOC VECTOR CONTROL

Constant toruqe/Constant speed/Constant cfm — CONSTANT TORUQE/CONSTANT SPEED/CONSTANT CFM

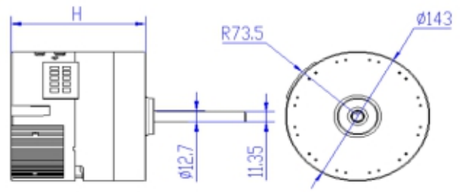
Sensor less — Sensor Less

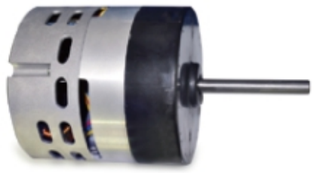
### 用途 Application

美式住宅空调 — American Residential A/C

美式商用空调 — American Commercial A/C

### 安装方式 Mounting type



# 空调电机
## DC-173系列
Air Conditioner Motor — DC 173 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | Vcc电压 Voltage | 转速 RPM | 控制方式 Control | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|
| ZKSP-450-8-1 | 450W | 310V | 15V | 1150 | Sensorl | 12 pulse/r |
| ZKSP-560-8-5 | 560W | 310V | 15V | 960 | Sensorl | 12 pulse/r |
| ZKSN-750-8-7 | 750W | 310V | 15V | 960 | Sensorl | 12 pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 回路 Circuit | 电机类型 Motor type | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|---|
| 140/310/570 | 350~1000 | 外置 External | BLDC | -40~ 60 | IP24 | 抱箍安装 Hoop Mounting | B |

### 特征
树脂封装

**控制方式:**

Sensor可选

Sensorless可选

### Features
Resin packaging

**Control mode:**

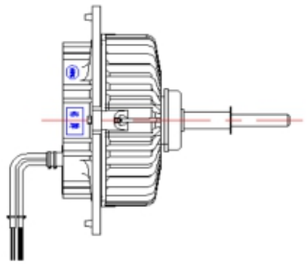
Sensor

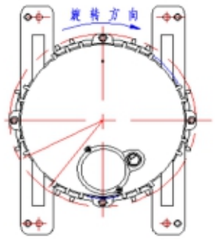
Sensorless

### 用途
商用外机

### Application
Commercial A/C Outdoor Unit

### 安装方式 Mounting type







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# 空调电机
## AC-65系列
Air Conditioner Motor — AC 65 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | 电压 Voltage | 频率 Hz | 转速 RPM | 效率（%） | 扭矩（N.M） |
|---|---|---|---|---|---|---|
| YKT-14-4-1 | 14W | 115V | 60HZ | 1240 | 31% | 0.12 |
| YKT-19-4-1 | 19W | 115V | 60HZ | 1020 | 22% | 0.16 |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 100 / 220~240 / 115 | 5~25 | -10~ 43 | IP00 | 水平 Horizontally | E / A / B |

### 特征
镀锌板拉伸端盖外形

铜线及铝线可选

**控制方式:**

抽头调速可选

### Features
Galvanized sheet tensile end cover

Copper and aluminum wires

**Control mode:**

Shifts taps varies speed

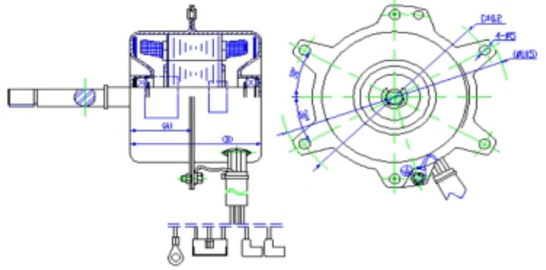
### 用途
抽湿机

空气净化机

### Application
Dehumidifier

Air purifier

### 安装方式 Mounting type





# 空调电机
## AC-78系列
Air Conditioner Motor — AC 78 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|---|
| YKFG-21-4-93 | 21W | 230V | 50Hz | 4 | 1300 | 1.2uf | 3pulse/r |
| YKFG-25-4-16 | 25W | 230V | 50Hz | 4 | 1315 | 1.2uf | 6pulse/r |
| YKFG-25-4-17 | 25W | 220V | 60Hz | 4 | 1315 | 1.2uf | 6pulse/r |
| YKFG-15-4-9L | 15W | 230V | 50Hz | 4 | 1280 | 1.2uf | 6pulse/r |
| YKF-35-4-2 | 35W | 230V | 50Hz | 4 | 1330 | 2.0uf | 无脉冲 |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 100 / 220~240 / 115 | 5~30 | -10~ 43 | IP20 | 水平 Horizontally | E / A |

### 特征
树脂封装，树脂封装，本体厚度32/39/41/49mm可选

铜线及铝线可选

**控制方式:**

PG/抽头/单速可选

PG调速 可选 2/6/12极磁环

### Features
Resin packaging, body thickness is optional among 32/39/41/49mm

Copper and aluminum wires

**Control mode:**

PG/ tap / single speed

PG speed regulation Magnet ring of 2/6/12 is optional.

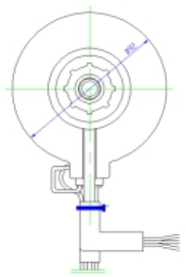
### 用途
空调

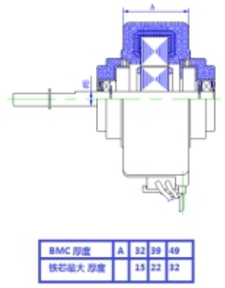
空气净化机

### Application
Air Conditioner

Air purifier

### 安装方式 Mounting type







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# 空调电机
## AC-79系列
Air Conditioner Motor — AC 79 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity | 输出脉冲 Pulses |
|---|---|---|---|---|---|---|---|
| YKFG-18-4-23 | 18W | 230V | 50Hz | 4 | 1270 | 1.2uf | 3pulse/r |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 100 / 200~240 / 115 | 5~30 | -10~ 43 | IP20 | 水平 Horizontally | E / A |

### 特征
树脂封装，树脂封装，本体厚度32/39/41/49mm可选

铜线及铝线可选

**控制方式:**

PG调速

### Features
Resin packaging, body thickness is optional among 32/39/41/49mm

Copper and aluminum wires

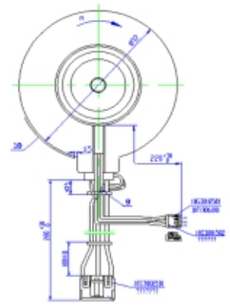
**Control mode:**

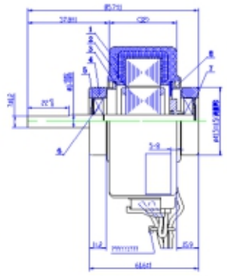
PG speed regulation

### 用途
空调

### Application
Air Conditioner

### 安装方式 Mounting type







# 空调电机
## AC-80系列
Air Conditioner Motor — AC 80 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity |
|---|---|---|---|---|---|---|
| YSQ-25-4-20L | 25W | 220 V | 50Hz | 4 | 960 | 2.0uf |
| YSQ-23-2-50 | 23W | 120 V | 60Hz | 2 | 2800 | 3.0uf |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 100 / 220~240 / 115 | 5~35 | -10~ 43 | IP20 / IP24 | 水平 Horizontally | E / A / B |

### 特征
铁壳端盖封装，拉伸端盖封装，铁芯10-35mm可选
铜线及铝线可选

**控制方式:**
主抽头/副抽头/单速可选

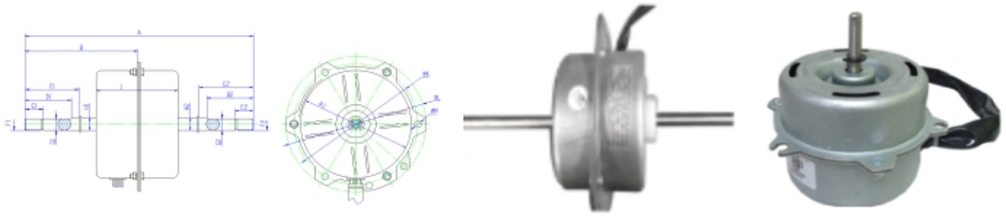
### Features
Steel casing end cap packaging, tensile end cap packaging, iron core is optional from 10 to 35mm
Copper and aluminum wires

**Control mode:**
Main tap /assistant tap / single speed

### 用途
空调外机、吸油烟机、移动空调和清新机等

### Application
A/C Outdoor Unit, kitchen hood, portable A/C, air freshener

### 安装方式 Mounting type





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# 空调电机
## AC-95系列
Air Conditioner Motor — AC 95 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity |
|---|---|---|---|---|---|---|
| YKF-25-6-1 | 25W | 230V | 50Hz | 6 | 810 | 2.5uf |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 100 / 220~240 / 115 | 15~35 | -10~ 43 | IP24 | 水平 Horizontally | E / A / B |

### 特征
树脂封装，树脂封装
铜线

**控制方式:**
PG调速

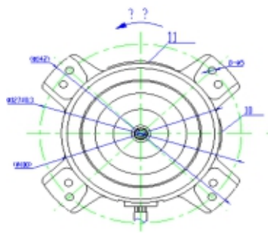
### Features
Resin packaging
Copper wire

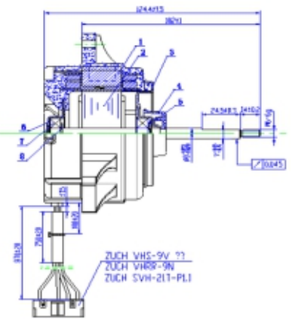
**Control mode:**
PG speed regulation

### 用途
空调

### Application
Air Conditioner

### 安装方式 Mounting type








# 空调电机
## AC-95系列
Air Conditioner Motor — AC 95 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity |
|---|---|---|---|---|---|---|
| YKT-36-6-25 | 36W | 230 V | 50Hz | 6 | 900 | 2.5uf |
| YKT-24-6-202 | 30W | 220 V | 50Hz | 6 | 850 | 2.5uf |
| YKTS-40-6-7 | 40W | 230 V | 50Hz | 6 | 890 | 4uf |
| YKSS-27-4-16 | 27W | 220 V | 50Hz | 4 | 1220 | 2.0uf |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 100 / 220~240 / 115 | 15~80 | -10~ 43 | IP20 / IP24 | 水平 Horizontally | E / A / B |

### 特征
铁壳端盖封装，拉伸端盖封装，铁芯17.5-40mm可选

铜线及铝线可选

**控制方式:**

主抽头/副抽头/单速可选

### Features
Steel casing end cap packaging, tensile end cap packaging, iron core is optional from 17.5 to 40mm

Copper and aluminum wires

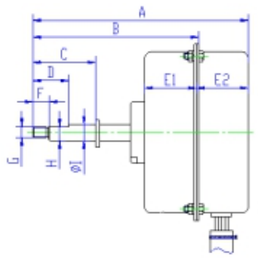
**Control mode:**

Main tap /assistant tap / single speed

### 用途
空调外机、窗机、移动空调、吸油烟机等

### Application
A/C outdoor unit,window A/C, portable A/C, kitchen hood

### 安装方式 Mounting type











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# 空调电机
## AC-110系列
Air Conditioner Motor — AC 110 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity |
|---|---|---|---|---|---|---|
| YKT-74-6-6 | 74W | 230V | 60Hz | 6 | 910 | 5.0uf |
| YKT-82-6-2 | 82W | 230V | 50Hz | 6 | 840 | 5.0uf |
| YKTS-90-4-9 | 90W | 115V | 60Hz | 4 | 1585 | 15uf |
| YKTS-110-4-2 | 110W | 115V | 60Hz | 4 | 1400 | 15uf |
| YKT-70-4-10 | 70W | 230V | 50Hz | 4 | 1100 | 5uf |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 115 / 220~240 | 40~100 | -20~ 54 | IP44 | 水平 Horizontally | A / B / E / F |

### 特征
拉伸铁壳端盖封装，铁芯20-45mm可选

铜线及铝线可选

**控制方式:**

主抽头/副抽头/单速可选

### Features
Tensile steel casing end cap packaging, iron core is optional from 20 to 45mm

Copper and aluminum wires

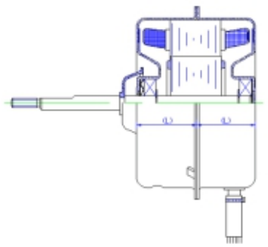
**Control mode:**

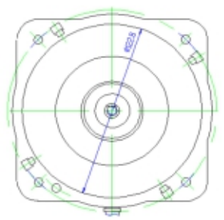
Main tap /assistant tap / single speed

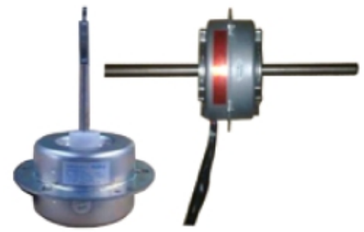
### 用途
空调外机、窗机、吸油烟机、移动空调

### Application
A/C outdoor unit,window A/C, kitchen hood, portable A/C

### 安装方式 Mounting type





# 空调电机
## AC-120系列
Air Conditioner Motor — AC 120 series

### 代表机型特性
Features of Representative models

| 型号 | 功率 Output | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity |
|---|---|---|---|---|---|---|
| YKTS-45-6-2L | 45W | 230V | 50Hz | 6 | 880 | 6.0uf |
| YKTS-80-6-2L | 80W | 220V | 60Hz | 6 | 870 | 6.0uf |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 115 / 220~240 | 40~130 | -20~43 | IP44 | 水平 Horizontally | A / B / E / F |

### 特征
铁壳端盖封装，拉伸端盖封装，铁芯20-45mm可选

铜线及铝线可选

**控制方式:**

主抽头/副抽头/单速可选

### Features
Steel casing end cap packaging, tensile end cap packaging, iron core is optional from 20 to 45mm

Copper and aluminum wires

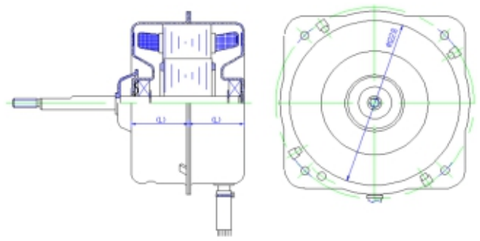
**Control mode:**

Main tap /assistant tap / single speed

### 用途
空调外机 、窗机、吸油烟机

### Application
A/C outdoor unit,window A/C, kitchen hood

### 安装方式 Mounting type







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# 空调电机
## AC-140系列
Air Conditioner Motor — AC 140 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 马力 Hp | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 电容 Capacity | 绝缘等级 In cL |
|---|---|---|---|---|---|---|---|
| YKS-450-8-1 | 1/2 | 230V | 60Hz | 8 | 650 | 20uf | 4.7-5.2 |
| YKS-250-6-18 | 1/3 | 230V | 60Hz | 6 | 1075 | 7.5uf | 2.3-2.6 |
| YKS-130-6-12 | 1/5 | 230V | 60Hz | 6 | 1075 | 5.0uf | 1.2-1.3 |
| YKS-600-6-3 | 3/4 | 460V | 60Hz | 6 | 1075 | 20uf | 5.6-6.1 |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 115 / 220~240 / 460 | 100~500 | -20~ 60 | IP44 | 水平或垂直 Horizontally or Vertically | A / B / E / F |

### 特征
铁壳卷板端盖封装，铁芯20-70mm可选

铜线及铝线可选

**控制方式:**

主抽头/副抽头/单速可选

### Features
Steel casing plate rolling end cap packaging, iron core is optional from 20 to 70 mm

Copper and aluminum wires

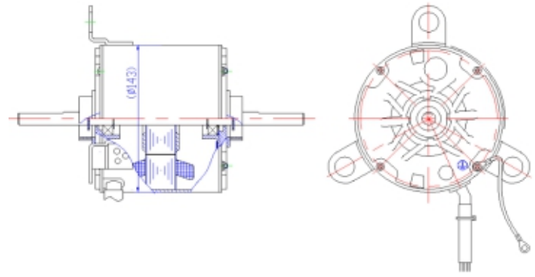
**Control mode:**

Main tap /assistant tap / single speed

### 用途
商用空调

### Application
Commercial A/C

### 安装方式 Mounting type





# 空调电机
## AC-160系列
Air Conditioner Motor — AC 160 series

### 代表机型特性
Features of Representative models

| 型号 | 马力 Hp | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 转速 RPM | 额定转矩 Tn(Nm) |
|---|---|---|---|---|---|---|
| YKSJ-1100-6-5 | 1.5 | 460V | 60Hz | 6 | 1145 | 14.56-16.09 |
| YKSJ-1100-8-1 | 1.5 | 460V | 60Hz | 8 | 838 | 16.454-18.186 |
| YKSJ-550-6-3 | 0.75 | 460V | 60Hz | 6 | 1132 | 7.183-7.94 |
| YKSJ-750-8-6-1 | 1 | 460V | 60Hz | 8 | 855 | 9.12-10.08 |
| YKSJ-2200-4-25 | 3 | 460V | 60Hz | 4 | 1750 | 12.37-13.65 |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 115 / 220~240 / 460 | 300~2200 | -20~60 | IP44 | 水平或垂直 Horizontally or Vertically | A / B / F |

### 特征
铁壳卷板端盖封装，铁芯30-130mm可选

铜线及铝线可选

**控制方式:**

三相

### Features
Steel casing plate rolling end cap packaging, iron core is optional from 30 to 130 mm

Copper and aluminum wires

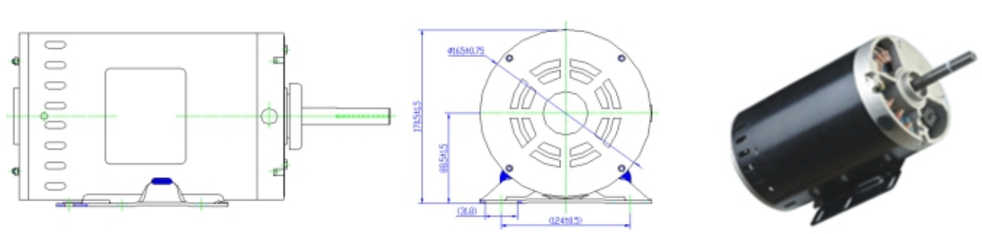
**Control mode:**

Triphase

### 用途
商用空调

### Application
Commercial A/C

### 安装方式 Mounting type





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# 洗衣机电机
## DC-107系列
Washing Machine Motor — DC 107 series

### 代表机型特性
Features of Representative models

| 型号 P/N | 铁芯平台 Iron core platform | 功率 Output | 转速 RPM | 效率 Efficiency | Vm电压 Voltage | Vcc电压 Voltage | 控制方式 Control | 输出脉 Pulses | 噪音 dB (A) |
|---|---|---|---|---|---|---|---|---|---|
| ZXBP-170-8-3L | Φ107 mm | 170W | 1200 | 80% | 280V | 15V | PWM | 12 | ≤50 |

### 标准规格
Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 电机类型 Motor type | 绝缘等级 Insulation class |
|---|---|---|---|---|---|---|
| 280~310 | 220 | 2~60 | IP20 | 轴伸端朝下 The Axle Stretch End downward | 波轮BLDC 电机 Pulsator BLDC M otor | E |

### 特征
驱动器与电机本体一体塑封，结构简单，可靠性高

铝线

**控制方式:**

DC输入

驱动内置

驱动器成本低、可靠性高、效率高

### Features
AIO plastic package of the driver and motor body with the advantages of simple structure and high reliability

Aluminium wire

**Control mode:**

DC input

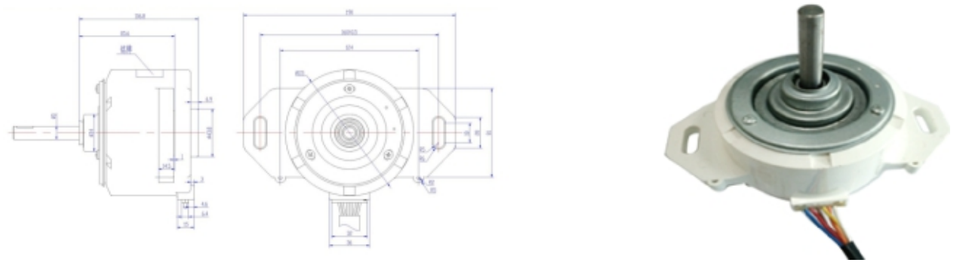
Driver internally installed

The driver is of low cost, high reliability and high efficiency

### 用途
波轮洗衣机，适用于皮带传动结构

### Application
Pulsator washing machine (belt driven mechanical)

### 安装方式 Mounting type



# 洗衣机电机

## DC-滚筒DD系列

Washing Machine Motor — DC Drum DD series

### 代表机型特性

Features of Representative models

| 型号 P/N | 功率 Output | 效率 EFFICIENCY | 脱水最大功率 OUTPUT | 脱水最高转速 RPM | 对应洗衣机容量 RATED |
|---|---|---|---|---|---|
| ZXG*-300-** | 70W | >50% | >600W | ≤1600 | 14-20Kg |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 电机类型 Motor type | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240 | 350~750 | -10~60 | IP00 | BLDC 电机 | F |

### 特征

直接驱动

转子BMC树脂封装

铜/铝线可选

**控制方式:**

正弦波驱动

高速时弱磁控制

Sensor/Sensoerless可选

### Features

Direct driving

Rotor BMC resin packaging

Copper/aluminum wire

**Control mode:**

Sine-wave driving

Field weakening control at high speed

Sensor/Sensoerless

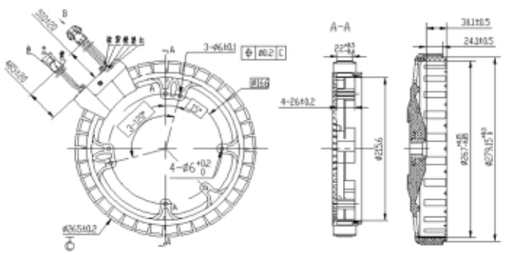
### 用途

滚筒式全自动洗衣机

### Application

Drum washing machine

### 安装方式 Mounting type







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# 洗衣机电机

## DC-滚筒BLDC电机系列

Washing Machine Motor — DC 110 series

### 代表机型特性

Features of Representative models

| 型号 P/N | 洗涤功率 Output | 洗涤效率 Efficiency | 脱水最大功率 Output | 脱水最高转速 RPM | 驱动洗衣机容量 Rated | 噪音 dB (A) |
|---|---|---|---|---|---|---|
| ZXGN-420-8-3L | 70W | >65% | >800W | 15200 | <10Kg | ≤60 |
| ZXGN-420-8-2L | 70W | >75% | >800W | 15200 | <12Kg | ≤60 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 电机类型 Motor type | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 洗涤40V/脱水178V Washing 40V / Dehydration 178V | 洗涤40-100W/ 脱水300-750W Washing 40-100V / Dehydration 300-750V | 0~65 | IP00 | BLDC | F ,155℃ |

### 特征

铜/铝线可选

**控制方式:**

正弦波驱动

Sensor/Sensorless可选

高速时弱磁控制

### Features

Opper/Aluminum wire

**Control mode:**

Sine-wave driving

Sensor/Sensorless

Field weakening control at high speed

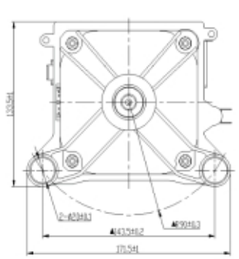
### 用途

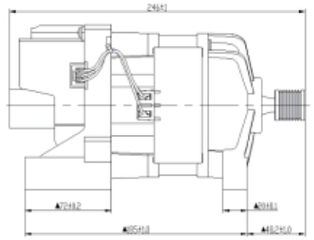
滚筒洗衣机，适用于皮带结构

### Application

Drum washing machine (Belt driven mechanical)

### 安装方式 Mounting type







# 洗衣机电机

## DC-波轮146、161、191-DDM系列

Washing Machine Motor — DC Pulsator 146、161、191-DDM series

### 代表机型特性

Features of Representative models

| 型号 P/N | 铁芯平台 Iron core platform | 功率 Output | 效率 Efficiency | 工作转速 RPM | 最大扭矩 N·m | 驱动洗衣机容量 Kg | 噪音 dB(A |
|---|---|---|---|---|---|---|---|
| ZXBE-300-12-1L | Φ146 mm | 300W | >80% | 800 | >4 | 5-8 | ≤45 |
| ZXBW-350-20-1L | Φ161 mm | 350W | >80% | 800 | >6 | 6-12 | ≤45 |
| ZXBE-500-24-1L | Φ191 mm | 500W | >80% | 800 | >8 | 12-20 | ≤45 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 电机类型 Motor type | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220 | 150~500 | -10~40 | IP00 | BLDC | F |

### 特征

直接驱动

树脂封装

**控制方式:**

正弦波驱动

Sensor/Sensorless可选

### Features

Direct driving

Resin packaging

**Control mode:**

Sine-wave driving

Sensor/Sensorless

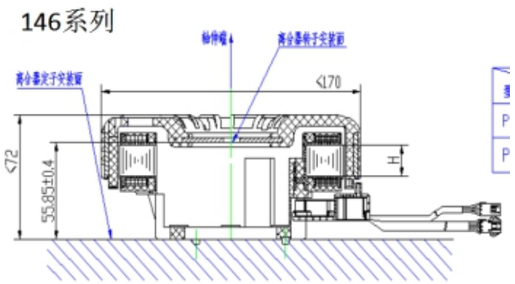
### 用途

波轮全自动洗衣机

### Application

Pulsator washing machine

### 安装方式 Mounting type





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# 洗衣机电机

## DC-干衣机96系列

Washing Machine Motor — DC 96 series

### 代表机型特性

Features of Representative models

| 型号 P/N | 功率 Output | Vm电压 Voltage | 频率 Frequency | 转速 RPM | 扭矩 (N.M) | 控制方式 Control |
|---|---|---|---|---|---|---|
| ZXH*-230-** | 230W | 230V | 180 | 2700 | 0.9 | 正弦波 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 电机类型 Motor type | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220 | 150~300 | -10~40 | IP00 | BLDC | F |

### 特征

铸铝端盖结构，本体厚度50

铜线及铝线可选

**控制方式:**

控制方式：

正弦波驱动

三霍尔及Sensorless可选

### Features

Aluminum casting end cover structure with the body thickness of 50

Copper & aluminum wires

**Control mode:**

sine-wave driving

Tri-Hoare & Sensorless

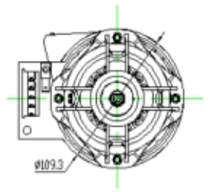
### 用途

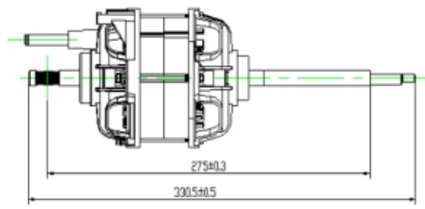
干衣机

### Application

Dryer

### 安装方式 Mounting type






# 洗衣机电机

## AC-波轮洗衣机感应电机110 / 115 / 120系列

Washing Machine Motor — AC Induction Motor for Pulsator Washing Machine110/115/120 Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 铁芯平台 Iron core platform | 功率 Output | 工作转速 RPM | Vm电压 Voltage | 频率 Frequency | 极数 Poles | 启动扭矩 N·m | 最大扭矩 N·m | 电容 Capacity | 噪音 dB（A |
|---|---|---|---|---|---|---|---|---|---|---|
| YXBT-50-4-2L | Φ108 | 50W | 1300 | 220V | 50Hz | 4 | 0.4 | 0.6 | 5μF | <60 |
| YXB-150-4-205L | Φ110 | 150W | 1280 | 230V | 50Hz | 4 | 1.1 | 1.6 | 11μF | <60 |
| YXB-200-4-211L | Φ115 | 200W | 1280 | 120V | 60Hz | 4 | 1.4 | 2 | 42μF | <60 |
| YXB-250-4-24L | Φ120 | 250W | 1625 | 120V | 60Hz | 4 | 1.8 | 2.6 | 50μF | <60 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240 50/60Hz | 30~400 | -10~40 | IP00 | 水平或垂直 Horizontally or Vertically | E / B/ F / H |

### 特征

Features

拉伸/铸铝端盖电机

Motor with drawn/cast aluminum end cap

铜线及铝线可选

Copper and aluminum wires

铁芯平台□110/□115/φ120 长度16-60mm可选

□110/□115/ϕ120 length: 16-60mm

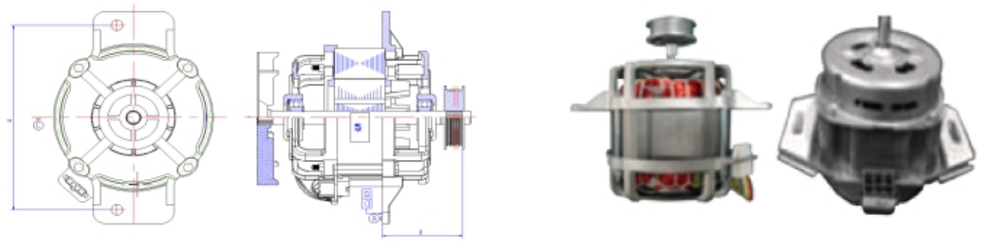
### 用途

Application

全自动洗衣机、双桶洗涤/脱水电机

Automatic washing machine
Double barrel washing/dehydration motor

### 安装方式 Mounting type





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# 洗衣机电机

## AC-滚筒洗衣机UM-E 系列

Washing Machine Motor — AC Drum Washing Machine UM-E Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 铁芯厚度 mm | 功率 Output 洗涤 Washing | 功率 Output 脱水 Spinning | 转速 RPM 洗涤 Washing | 转速 RPM 脱水 Spinning | Vm电压 Voltage | 额定电流 Rated current |
|---|---|---|---|---|---|---|---|
| HXG-115-50-50L | 50 | 30W | 300W | 500-1000 | 7000-17000 | 220-240V | 3A |
| HXG-115-55-56L | 55 | 40W | 350W | 500-1000 | 7000-17000 | 220-240V | 3A |
| HXG-115-60-1L | 60 | 40W | 350W | 500-1000 | 7000-19000 | 220-240V | 3A |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240 50/60Hz | 150~350 | -15~75 | IP00 | 具有安装脚结构 Foot Mounting Structure | F / A / H |

### 特征

Features

用于滚筒洗衣机中，是高档滚筒洗衣机的核心驱动部件。具有结构合理、调速方便、起动转矩大、过载能力强、绝缘性能好、可靠性高等特点。

Applied in roller washing machine, the core driving parts of high-end roller washing machine . With the advantages of reasonable structure, convenient operation, high starting torque, strong overload capacity, good insulation performance and high reliability, etc.

带有速度反馈，可实现速度的精准控制, 实现500rpm~17000rpm之间的无级调速；

The speed feedback can realize precise speed control, and stepless speed regulation of 500rpm ~ 17000rpm.

通过了3C和TUV等认证。

Pass the certification of 3C and TUV.

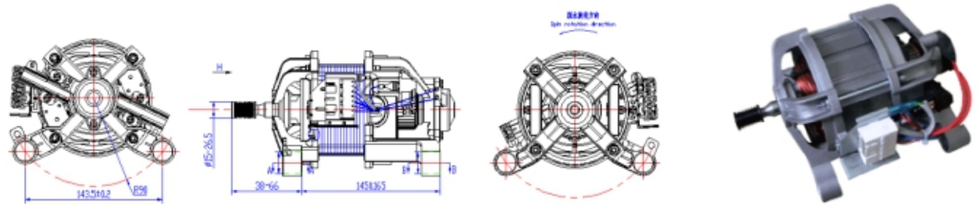
### 用途

Application

滚筒洗衣机，适用于皮带传动结构

Drum washing machine (belt driven mechanical)

### 安装方式 Mounting type



# 洗衣机电机

## AC-滚筒洗衣机UM-F 系列

Washing Machine Motor — AC Drum Washing Machine UM-F Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 铁芯厚度 mm | 功率 Output 洗涤 Washing | 功率 Output 脱水 Spinning | 转速 RPM 洗涤 Washing | 转速 RPM 脱水 Spinning | Vm电压 Voltage | 额定电流 Rated current |
|---|---|---|---|---|---|---|---|
| HXG-138-50-50L | 50 | 30W | 400W | 500-1000 | 7000-17000 | 220-240V | 3A |
| HXG-138-55-52L | 55 | 40W | 450W | 500-1000 | 7000-17000 | 220-240V | 3A |
| HXG-138-60-52L | 60 | 40W | 550W | 500-1000 | 7000-17000 | 220-240V | 3A |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240 50/60Hz | 300~550 | -15~75 | IP00 | 具有安装脚结构 Foot Mounting Structure | F / A / H |

### 特征

用于滚筒洗衣机中，是高档滚筒洗衣机的核心驱动部件。具有结构合理、调速方便、起动转矩大、过载能力强、绝缘性能好、可靠性高等特点。

带有速度反馈，可实现速度的精准控制, 实现500rpm~17000rpm之间的无级调速；

通过了3C和TUV等认证。

### Features

Applied in roller washing machine, the core driving parts of high-end roller washing machine . With the advantages of reasonable structure, convenient operation, high starting torque, strong overload capacity, good insulation performance and high reliability, etc.

The speed feedback can realize precise speed control, and stepless speed regulation of 500rpm ~ 17000rpm.

Pass the certification of 3C and TUV.

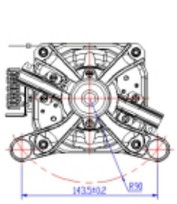
### 用途

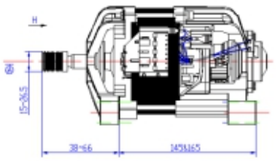
滚筒洗衣机，适用于皮带传动结构

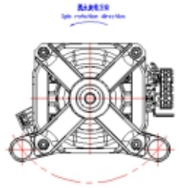
### Application

Drum washing machine (belt driven mechanical)

### 安装方式 Mounting type











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# 洗衣机电机

## AC-滚筒洗衣机CIM-2P 系列

Washing Machine Motor — AC Drum Washing Machine CIM-2P Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 铁芯厚度 mm | 功率 Output 洗涤 Washing | 功率 Output 脱水 Spinning | 转速 RPM 洗涤 Washing | 转速 RPM 脱水 Spinning | Vm电压 Voltage | 备注 Remarks |
|---|---|---|---|---|---|---|---|
| YXT-220-2-201L | 38W | 220W | 500-1000 | 7000-18000 | 40-55% | 36-195V | 分体 |
| YXT-320-2-6L | 64W | 320W | 500-1000 | 7000-18000 | 40-55% | 36-195V | 分体 |
| YXT-480-2-1L | 96W | 480W | 500-1000 | 7000-18000 | 40-55% | 36-195V | 分体 |
| YXTK-275-2-1L-2 | 52W | 275W | 500-1000 | 7000-18000 | 40-55% | 220V | 一体 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 洗涤36V / 脱水195V Washing 36V / Dehydration 195V | 洗涤30-100W / 脱水180-500W Washing 30-180V / Dehydration 180-500V | 2-60 | IP00 | 具有安装脚结构 Foot Mounting Structure | F |

### 特征

用于滚筒洗衣机中，是高档滚筒洗衣机的核心驱动部件。具有结构合理、调速方便、起动转矩大、过载能力强、绝缘性能好、可靠性高等特点。

带有速度反馈，可实现速度的精准控制, 实现500rpm~17000rpm之间的无级调速；

通过了CCC、UL认证。

### Features

Applied in roller washing machine, the core driving parts of high-end roller washing machine . With the advantages of reasonable structure, convenient operation, high starting torque, strong overload capacity, good insulation performance and high reliability, etc.

The speed feedback can realize precise speed control, and stepless speed regulation of 500rpm ~ 17000rpm.

Pass the certification of CCC and UL.

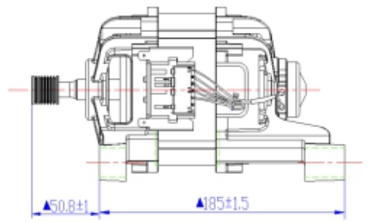
### 用途

滚筒洗衣机，适用于皮带传动结构

### Application

Drum washing machine (belt driven mechanical)

### 安装方式 Mounting type






# 洗衣机电机

## AC-滚筒洗衣机CIM-4P 系列

Washing Machine Motor AC — Drum Washing Machine CIM-4P Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 功率 Output 洗涤 Washing | 脱水 Spinning | 转速 RPM 洗涤 Washing | 脱水 Spinning | 额定效率洗涤 Efficiency | Vm电压 Voltage | 备注 Remarks |
|---|---|---|---|---|---|---|---|
| YXT-280-4-1L | 65W | 280W | 500-1000 | 7000-18000 | 40-60% | 220V | 一体 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 洗涤36V / 脱水195V Washing 36V / Dehydration 195V | 洗涤30-180W / 脱水180-500W Washing 30-180V / Dehydration 180-500V | 2~60 | IP00 | 具有安装脚结构 Foot Mounting Structure | F |

### 特征

用于滚筒洗衣机中，是高档滚筒洗衣机的核心驱动部件。具有结构合理、调速方便、起动转矩大、过载能力强、绝缘性能好、可靠性高等特点。

带有速度反馈，可实现速度的精准控制, 实现500rpm~17000rpm之间的无级调速；

通过了3C和UL等认证。

### Features

Applied in roller washing machine, the core driving parts of high-end roller washing machine . With the advantages of reasonable structure, convenient operation, high starting torque, strong overload capacity, good insulation performance and high reliability, etc.

The speed feedback can realize precise speed control, and stepless speed regulation of 500rpm ~ 17000rpm.

Pass the certification of 3C and TUV.

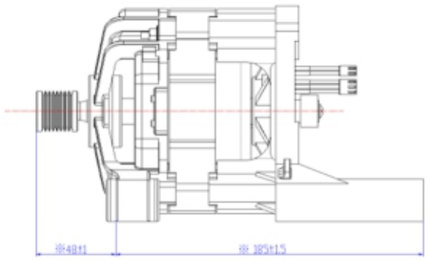
### 用途

滚筒洗衣机，适用于皮带传动结构

### Application

Drum washing machine (belt driven mechanical)

### 安装方式 Mounting type





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# 洗碗机电泵

## 洗碗机BLDC水泵 73系列

Dishwasher pump — BLDC Water Pump for Dishwasher 73 Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux (1m扬程) (μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| ZXW-35-6-1 | 230 | 50 | 68 | 2750 | ≤95 | 0.55 | ≤45 | / | ≥3.6 | 逆 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240 / 50Hz | 50 | 60 | IP00 | 水平或垂直 Horizontally or Vertically | F |

### 特征

钕铁硼转子，体积小，重量轻，结构简单，可靠性高

铜线

**控制方式:**

DC输入

180度正弦波控制

### Features

NdFeB rotor with the advantages of small size, light weight, simple structure and high reliability

Copper wire

**Control mode:**

DC input

180° sine wave control

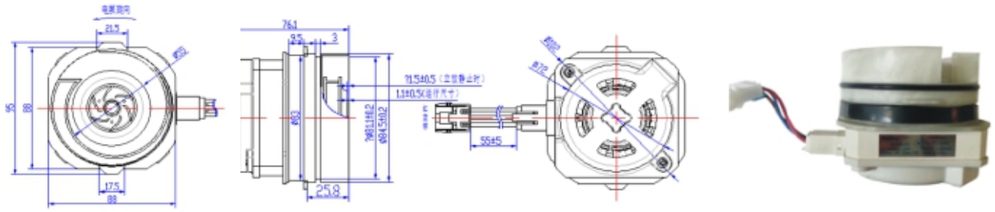
### 用途

洗碗机

### Application

Dishwasher

### 安装方式 Mounting type



# 洗碗机电泵

## AC-水泵75系列

Dishwasher pump — AC Water Pump for Dishwasher 75 Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux (1m扬程) (μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW-50-2-11-2 | 230 | 50 | 105 | 2700 | ≤115 | 0.47 | ≤56 | 3/450 | ≥2.5 | 顺 |
| YXW-50-2-3 | 120 | 60 | 110 | 3150 | ≤115 | 0.92 | ≤56 | 10/250 | ≥2.5 | 顺 |

### 安装及外形尺寸

Mounting and overall dimensions

| 电动机型号 motor mode | 安装及外形尺寸 mounting and overall dimensions | | | | | | | 引出线部分 outlet | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L1 | L2 | 连接器或端子 connection-box or terminal |
| YXW-50-2-11-2 | 182.3 | ϕ32.6 | ϕ33 | ϕ25 | ϕ25 | 75 | 75 | 230 | 120 | 250# |
| YXW-50-2-3 | 182.3 | ϕ32.6 | ϕ33 | ϕ25 | ϕ25 | 75 | 75 | 230 | 120 | 250# |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz 115~127V/60Hz | 50 | 60 | IP00 | 水平或垂直 Horizontally or Vertically | F |

### 特征

电容运转感应水泵

铜线

### Features

Capacitance running induction pump

Copper wire

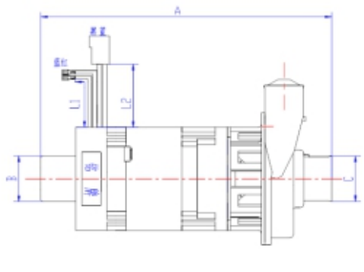
### 用途

洗碗机

### Application

Dishwasher

### 安装方式 Mounting type





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# 洗碗机电泵

## AC-水泵75系列（嵌入式）

Dishwasher pump — AC Water Pump for Dishwasher 75 Series (Embedded)

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux (1m扬程) (μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW35-2D | 230 | 50 | 80 | 2800 | ≤115 | 0.35 | 0.15 | ≤56 | 3/450 | 顺 |
| YXW35-2E | 120 | 60 | 85 | 3350 | ≤115 | 0.7 | 0.1 | ≤56 | 10/250 | 顺 |
| YXW35-2F | 220 | 60 | 82 | 3425 | ≤115 | 0.41 | 0.1 | ≤56 | 3.5/450 | 顺 |
| YXW35-2G | 127 | 60 | 77 | 3350 | ≤115 | 0.62 | 0.1 | ≤56 | 10/400 | 顺 |

### 安装及外形尺寸

Mounting and overall dimensions

| 电动机型号 motor mode | 安装及外形尺寸 mounting and overall dimensions | | | | | | | | 引出线部分 outlet | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | L1 | L2 | 连接器或端子 connection-box or terminal |
| YXW35-2D | 160.3 | ϕ32.6 | ϕ5 | ϕ95 | 40.9 | 75 | 75 | 60° | 230 | 120 | 250# |
| YXW35-2E | 160.3 | ϕ32.6 | ϕ5 | ϕ95 | 40.9 | 75 | 75 | 60° | 230 | 120 | 250# |
| YXW35-2F | 160.3 | ϕ32.6 | ϕ5 | ϕ95 | 40.9 | 75 | 75 | 60° | 230 | 120 | 250# |
| YXW35-2G | 160.3 | ϕ32.6 | ϕ5 | ϕ95 | 40.9 | 75 | 75 | 60° | 230 | 120 | 250# |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz 115~127V/60Hz | 35~50 | 60 | IP00 | 水平或垂直 Horizontally or Vertically | F |

### 特征

电容运转感应水泵

铜线

### Features

Capacitance running induction pump

Copper wire

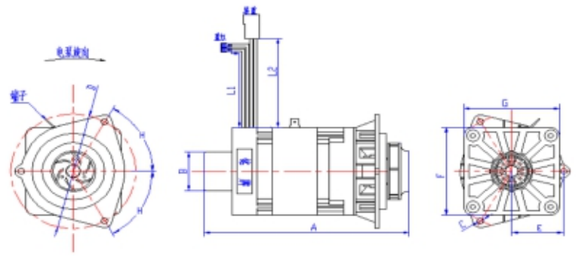
### 用途

洗碗机

### Application

Dishwasher

### 安装方式 Mounting type






# 洗碗机电泵

## AC-水泵 80 系列（嵌入式）

Dishwasher pump — AC Water Pump for Dishwasher 80 Series (Embedded)

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux （1m扬程）(μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW40-2D | 230 | 50 | 85 | 2600 | ≤115 | 0.2 | ≤52 | 3/450 | ≥2.5 | 逆 |
| YXW40-2E | 230 | 50 | 85 | 2600 | ≤115 | 0.2 | ≤52 | 3/250 | ≥2.5 | 逆 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz 115~127V/60Hz | 40~60 | 60 | IP00 | 水平或垂直 Horizontally or Vertically | F |

### 特征 Features

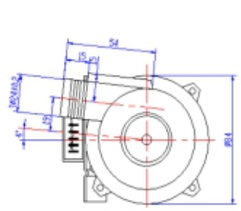
电容运转感应水泵 Capacitance running induction pump

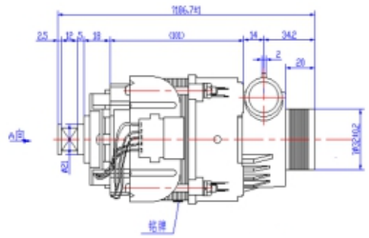
铜线 Copper wire

### 用途 Application

洗碗机 Dishwasher

### 安装方式 Mounting type









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# 洗碗机电泵

## AC-水泵90(1) 系列(嵌入式)

Dishwasher pump — BLDC Water Pump for Dishwasher 90(1) Series (Embedded)

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux （1m扬程）(μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW48-2 | 230 | 50 | 94 | 2700 | ≤115 | 0.42 | ≤56 | 2.5/450 | ≥3.0 | 逆 |

### 安装及外形尺寸

Mounting and overall dimensions

| 电动机型号 motor mode | 安装及外形尺寸 mounting and overall dimensions | | | | | | | | 引出线部分 outlet |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | 连接器或端子 connection-box or terminal |
| YXW48-2 | 167 | 94.5 | 20.5 | 51 | ϕ120 | 45 | 45 | 34.4 | 250# |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz 115~127V/60Hz | 50~70 | 60 | IP00 | 水平或垂直 Horizontally or Vertically | F |

### 特征 Features

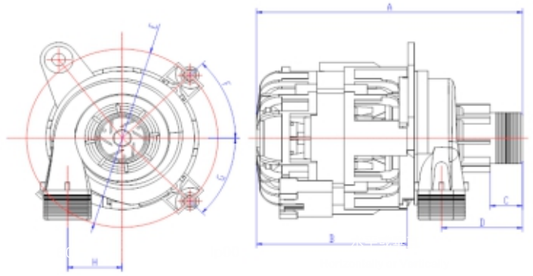
电容运转感应水泵 Capacitance running induction pump

铜线 Copper wire

### 用途 Application

洗碗机 Dishwasher

### 安装方式 Mounting type





# 洗碗机电泵

## AC-水泵 90(2) 系列（嵌入式）

Dishwasher pump — AC Water Pump for Dishwasher 90(2) Series (Embedded)

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux （1m扬程）(μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW50-2F-2 | 230 | 50 | 80 | 2820 | ≤115 | 0.35 | ≤56 | 3/450 | ≥3.0 | 顺 |
| YXW50-2F-3 | 120 | 60 | 105 | 3050 | ≤115 | 0.9 | ≤56 | 10/250 | ≥3.0 | 顺 |
| YXW50-2F-2(L) | 230 | 50 | 88 | 2820 | ≤115 | 0.4 | ≤56 | 3/450 | ≥3.0 | 顺 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz<br>115~127V/60Hz | 40~60 | 60 | IP00 | 水平或垂直<br>Horizontally or Vertically | F |

### 特征 Features

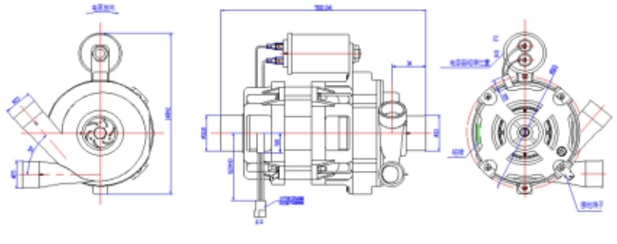
电容运转感应水泵 Capacitance running induction pump

铜线 Copper wire

### 用途 Application

洗碗机 Dishwasher

### 安装方式 Mounting type







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# 洗碗机电泵

## AC-水泵90(嵌入式)系列

Dishwasher pump — BLDC Water Pump for Dishwasher 90 (Embedded) Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux （1m扬程）(μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW48-2F-1 | 230 | 50 | 60 | 2650 | ≤115 | 0.27 | ≤52 | 3/450 | / | 逆 |
| YXW48-2F-2 | 220 | 60 | 62 | 3100 | ≤115 | 0.32 | ≤52 | 3/450 | / | 逆 |
| YXW48-2F-4 | 120 | 60 | 76 | 2950 | ≤115 | 0.66 | ≤52 | 10/250 | / | 逆 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz<br>115~127V/60Hz | 30~45 | 60 | IP00 | 水平或垂直<br>Horizontally or Vertically | F |

### 特征 Features

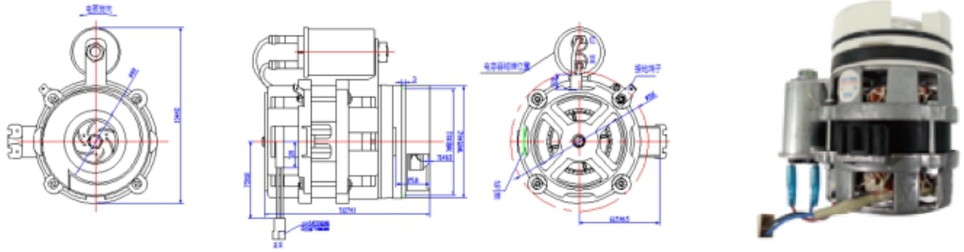
电容运转感应水泵 Capacitance running induction pump

铜线 Copper wire

### 用途 Application

洗碗机 Dishwasher

### 安装方式 Mounting type



# 洗碗机电泵

## AC-水泵 101系列

Dishwasher pump — AC Water Pump for Dishwasher 101 Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage (V) | 频率 Frequency (Hz) | 功率 Output (W) | 转速 RPM (r/min) | 温升 emperature rise (K) | 额定电流 Rated current (A) | 噪声 Nolse (dB) | 电容 Capacity (W) | 流量flux (1m扬程) (μF/V) | 转向 (轴伸端视) Rotation |
|---|---|---|---|---|---|---|---|---|---|---|
| YXW65-2B | 220 | 50 | 125 | 2700 | ≤115 | 0.58 | ≤56 | 5/450 | ≥3.6 | 顺 |
| YXW65-2B-1 | 220 | 60 | 175 | 3050 | ≤115 | 0.8 | ≤56 | 5/450 | ≥3.6 | 顺 |
| YXW45-2E | 120 | 60 | 165 | 2900 | ≤115 | 1.46 | ≤56 | 10/250 | ≥3.6 | 顺 |
| YXW45-2F | 127 | 60 | 145 | 2850 | ≤115 | 1.15 | ≤56 | 10/250 | ≥3.6 | 顺 |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 220~240V/50Hz 115~127V/60Hz | 60~100 | 60 | IP00 | 水平或垂直 Horizontally or Vertically | F |

### 特征

电容运转感应水泵

铜线

### Features

Capacitance running induction pump

Copper wire

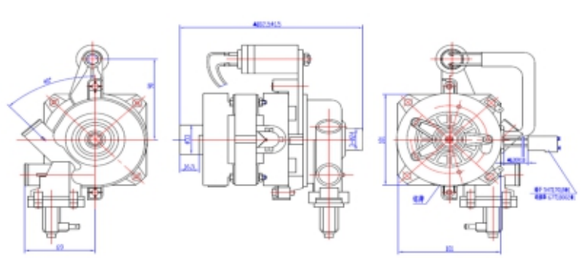
### 用途

洗碗机

### Application

Dishwasher

### 安装方式 Mounting type







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# 增压隔膜泵

## 有刷直流泵A系列

Pressurized Diaphragm — Brush DC Pump A Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage | 入水压力 Inlet pressure | 工作压力 working pressure | 工作流量 working flow | 封堵电流 blocking current | 封堵压力 blocking pressure | 工作流量 working flow | 进出水口 water inlet and outlet |
|---|---|---|---|---|---|---|---|---|
| DSB-66-35-5 | 24VDC | 0.2MPa | 0.5MPa | ≥550ml/min | ≤0.65A | 0.8~1MPa | ≤1.2A | 双O1/4"NPT |
| DSG-66-35-22 | 24VDC | 0.2MPa | 0.5MPa | ≥750ml/min | ≤0.8A | 0.8~1MPa | ≤1.2A | 双O3/8"NPT |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage (V) | 输出功率 Rated Output (W) | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 24VDC | —— | 0~50 | IPX4 | —— | B |

### 特征

小体积、低噪音、长寿命

满足10万次1.05MPa水锤试验

满足3.2MPa耐压测试

水质应符合《生活饮用水输配水设备及防护材料卫生安全评价规范》

### Features

Small size, low noise, long life

Pass the 0.1 million times 1.05MPa water hammer test

Pass the 3.2MPa high-voltage insulation test.

Water quality should be consistent with the "Hygienic Safety Evaluation Standards for Water Transport and Distribution Facilities as well as Shielding Material of Domestic Drinking Water".

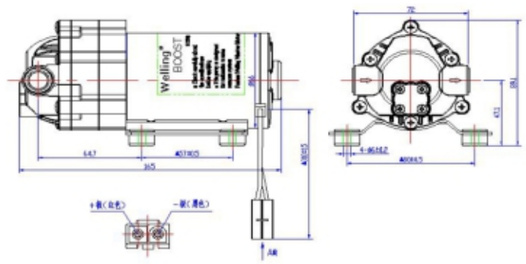
### 用途

Ro膜净水器

### Application

RO Booster Pump

### 安装方式 Mounting type






# 增压隔膜泵

## 有刷直流泵B系列

Pressurized Diaphragm — Brush DC Pump B Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage | 入水压力 Inlet pressure | 工作压力 working pressure | 工作流量 working flow | 封堵电流 blocking current | 封堵压力 blocking pressure | 工作流量 working flow | 进出水口 water inlet and outlet |
|---|---|---|---|---|---|---|---|---|
| DSG-66-35-23 | 24VDC | 0.2MPa | 0.5MPa | ≥900ml/min | ≤1.5A | 0.8~1MPa | ≤2A | 双O3/8"NPT |
| DSG-66-35-22 | 24VDC | 0.2MPa | 0.5MPa | ≥1600ml/min | ≤2A | 0.8~1MPa | ≤2.2A | 双O3/8"NPT |
| DSG-66-35-21 | 24VDC | 0.2MPa | 0.5MPa | ≥2000ml/min | ≤2.2A | 0.8~1MPa | ≤2.8A | 双O3/8"NPT |
| DSG-66-35-20 | 24VDC | 0.2MPa | 0.5MPa | ≥2500ml/min | ≤2.5A | 0.8~1MPa | ≤3A | 双O3/8"NPT |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 24VDC | 20~72 | 0~50 | IPX4 | —— | B |

### 特征

小体积、低噪音、长寿命

满足10万次1.05MPa水锤试验

满足3.2MPa耐压测试

水质应符合《生活饮用水输配水设备及防护材料卫生安全评价规范》

### Features

Small size, low noise, long life

Pass the 0.1 million times 1.05MPa water hammer test

Pass the 3.2MPa high-voltage insulation test.

Water quality should be consistent with the "Hygienic Safety Evaluation Standards for Water Transport and Distribution Facilities as well as Shielding Material of Domestic Drinking Water".

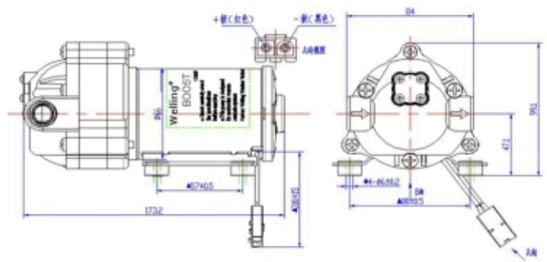
### 用途

Ro膜净水器

### Application

RO Booster Pump

### 安装方式 Mounting type





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# 增压隔膜泵

## 有刷直流泵C系列

Pressurized Diaphragm — Brush DC Pump C Series

### 代表机型特性

Features of Representative models

| 型号 P/N | 电压 Voltage | 入水压力 Inlet pressure | 工作压力 working pressure | 工作流量 working flow | 封堵电流 blocking current | 封堵压力 blocking pressure | 工作流量 working flow | 进出水口 water inlet and outlet |
|---|---|---|---|---|---|---|---|---|
| DSG-76-40-1 | 24VDC | 0.2MPa | 0.7MPa | ≥3000ml/min | ≤2.5A | 0.8~1MPa | ≤3A | 双O3/8"NPT |
| DSG-76-40-2 | 24VDC | 0.2MPa | 0.7MPa | ≥3600ml/min | ≤2.5A | 0.8~1MPa | ≤3A | 双O3/8"NPT |

### 标准规格

Stand Specification

| 额定电压 Rated Voltage（V） | 输出功率 Rated Output（W） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 24VDC | 20~72 | 0~50 | IPX4 | —— | B |

### 特征

小体积、低噪音、长寿命

自吸高度2米以上

满足10万次1.05MPa水锤试验

满足3.2MPa耐压测试

水质应符合《生活饮用水输配水设备及防护材料卫生安全评价规范》

### Features

Small size, low noise, long life

Pass the 0.1 million times 1.05MPa water hammer test

Pass the 3.2MPa high-voltage insulation test.

Water quality should be consistent with the "Hygienic Safety Evaluation Standards for Water Transport and Distribution Facilities as well as Shielding Material of Domestic Drinking Water".

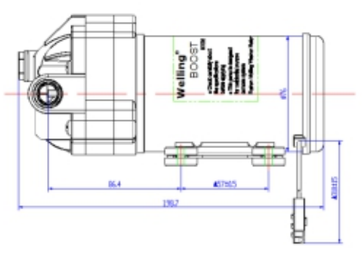
### 用途

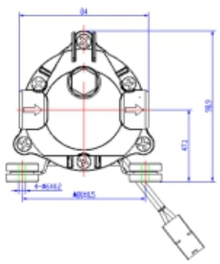
Ro膜净水器

### Application

RO Booster Pump

### 安装方式 Mounting type






# 电抗器
# Reactor

## 代表机型特性
Features of Representative models

| 型号 P/N | 额定电流 Frequency | 额定电感 Rated inductance | 阻抗电压 Impedance voltage | 绝缘等级 Insulation class | 额定频率 Rated Voltage | 接插方式 Inserting mode |
|---|---|---|---|---|---|---|
| R0594B | 5A | 9.4mH | 14.8V | H | 50Hz | 直插 |
| R1005B(AI) | 10A | 5mH | 15.7V | H | 50Hz | 直插 |
| R1505F | 15A | 5mH | 28.3V | H | 60Hz | 直插 |
| R20035(AL) | 20A | 3.5mH | 21.9V | H | 50Hz | 直插 |
| R2503C | 25A | 3mH | 23.5V | H | 50Hz | 直插 |
| R30013 | 30A | 1.3mH | 12.2V | H | 50Hz | 直插 |
| R35188 | 35A | 1.8mH | 20.7V | H | 50Hz | 直插 |
| R4015 | 40A | 1.5mH | 18.8V | H | 50Hz | 直插 |
| R1325C | 13A | 25mH | 102.1V | H | 50Hz | 引线 |

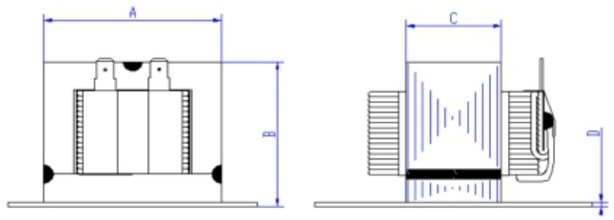
## 外形尺寸及安装方式——底板固定
Mounting type – Floor Fixing

| 型号 / 尺寸 | A | A | A | A |
|---|---|---|---|---|
| 冲片宽度48 | 48 | 40 | 20~90 | T=1.2/1.5 |
| 冲片宽度57 | 57 | 47.5 | 20~90 | T=1.2/1.5 |
| 冲片宽度66 | 66 | 55 | 20~90 | T=1.2/1.5 |
| 冲片宽度74 | 74 | 65 | 20~90 | T=1.2/1.5 |
| 冲片宽度76.2 | 76.2 | 63.5 | 20~90 | T=1.2/1.5 |
| 冲片宽度82.2 | 82.2 | 68.5 | 20~90 | T=1.2/1.5 |
| 冲片宽度85.8 | 85.8 | 71.5 | 20~90 | T=1.2/1.5 |
| 冲片宽度85.8 | 85.8 | 49.3 | 20~90 | T=1.2/1.5 |
| 冲片宽度90 | 90 | 75 | 20~90 | T=1.2/1.5 |
| 冲片宽度96 | 96 | 80 | 20~90 | T=1.2/1.5 |

## 标准规格
Stand Specification

| 额定电流 Frequency（A） | 频率 Rated Voltage（Hz） | 电感 Rated Output（mH） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 绝缘等级 Insulation class |
|---|---|---|---|---|---|
| 0~40 | 50~60 | 1~30 | -20~70 | IP00 | H |

## 安装方式 Mounting type





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# 电抗器
# Reactor

## 代表机型特性
Features of Representative models

| 型号 P/N | 额定电流 Frequency | 额定电感 Rated inductance | 阻抗电压 Impedance voltage | 绝缘等级 Insulation class | 额定频率 Rated Voltage | 接插方式 Inserting mode |
|---|---|---|---|---|---|---|
| R0506(AL) | 5A | 6mH | 9.4V | B | 50Hz | 引线 |

## 标准规格
Stand Specification

| 额定电流 Frequency（A） | 频率 Rated Voltage（Hz） | 电感 Rated Output（mH） | 环境温度 Ambient temperature(° C) | 防护等级 protection Class | 安装方式 Installation method |
|---|---|---|---|---|---|
| 5 | 50 | 6 | -20~70 | IP64 | 外壳固定 Shell Fixing |

## 特征

树脂灌封，塑料外壳

铜线及铝线可选

安装方式为塑封壳体装配

**主要功能：**

滤波、振荡、延迟、陷波等

改善系统功率因数

## Features

Resin packaging,plastic casingCopper

Copper & aluminum wires

Plastic-sealed shell assembly

**Filtering, oscillation, delay, trapped wave, etc.**

**Improving the system factor**

## 用途

变频洗衣机

## Application

DC washing machine

## 安装方式 Mounting type

