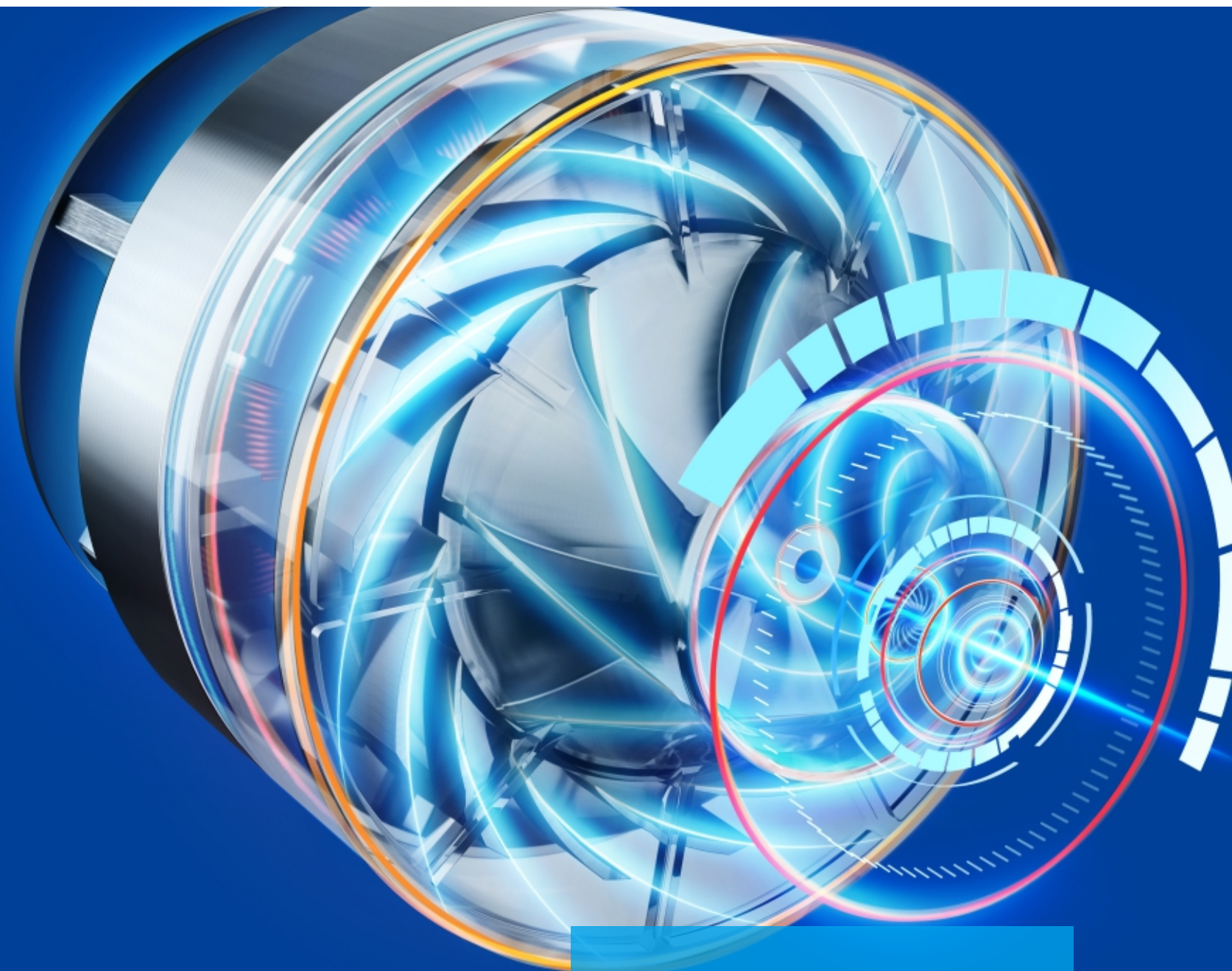




Welling

美好生活源动力

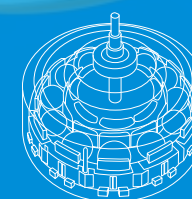


Welling
Motivity of A Nice Life

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
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Recyclable
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PRODUCT MANUAL 2019

威灵电机产品手册

本手册印制于2018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. 2018. For technical details about the latest products, please visit Welling website: www.gmcc-welling.com

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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，是一家专业化研发、生产、销售电机及其驱动系统的精密制造企业，为国内外客户提供系统的电机技术解决方案；

Welling was founded in 1992, specializing in R&D and manufacturing of motors and their driving systems, its products are widely used in the fields of household appliances, cleaning equipment, pump products and industrial automation.

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、泵类产品和工业自动化等领域，如各类空调、洗衣机、洗碗机、吸尘器、净水器等；

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, vacuum cleaners, water purifiers, etc.

我们的体系

Market

四大电机制造基地六大工厂，2018冷年产销电机1.7亿台。其中，空调电机、洗衣机电机占市场份额分别超过30%和16%。

Four major motor manufacturing bases and six major factories, Welling achieved production and sales of 170 million motors in 2018 refrigeration year, among which Air-conditioner motors and washing machine motors their market shares are 30% and 16% higher, respectively.

Welling



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）致力于高效率、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

DEVELOPMENT MILE

发展里程

1992年
广东威灵电机制造
有限公司成立
In 1992,
Company establishment

1999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

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

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

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"

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

2006年
威灵被认定为“中国名牌”
In 2006,
Chinese Famous Brand

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

2013年
常州新厂正式投产
In 2013,
Changzhou new plant
launched in use

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

2016年
设立“广东省企业
首席质量官”
In 2016,
"Guangdong Provincial
Enterprise CQO"
established

2018年
15万转高速BLDC
吸尘器电机研发成功
并正式发布
In 2018,
150,000 RPM high speed
motor for vacuum cleaner.

INNOVATIVE
TECHNOLOGIES

创新科技

Welling一直致力于高效能、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2018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989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 2018, 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 989 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.



美好生活源动力

Motivity of a nice life



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 academican 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，电机噪音振动优化；
Id=0的控制方式电机整体效率优化；
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

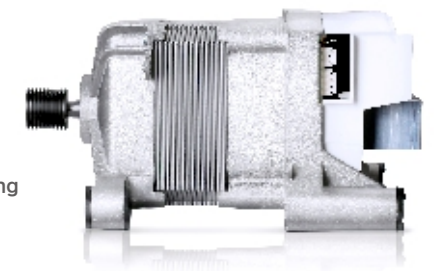
Wave of Welling

Welling 滚筒洗衣机用BLDC电机，智能快洗电机技术解决方案

无位置传感器快速启动技术，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, Welling 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，满足客户多样化的产品要求，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' diversified product requirements and devotes to manufacture satisfactory products for customers. Meanwhile, Welling develops automation and informatization proactively and continues to promote refined management to build an advanced intelligent plant.

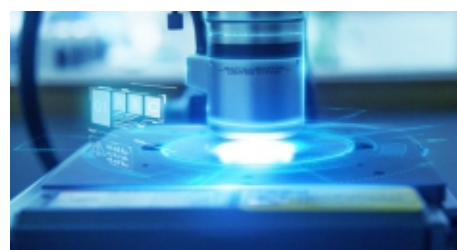


产品检测

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.

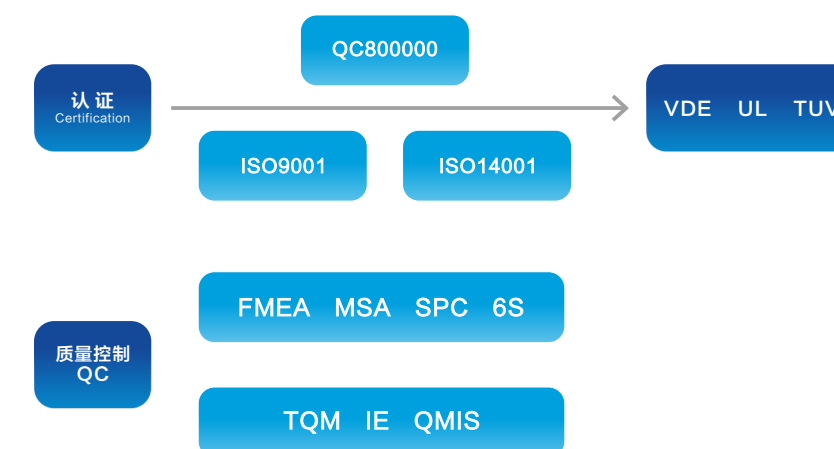


品质管理

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.

客户交流、技术分享 Customer Communication & Technology Sharing

高度重视营销服务的深度，Welling持续在有影响的平台上举行一系列技术宣讲会，包括技术应用研讨、新品应用推介等，为各领域客户提供富有价值的电机技术解决方案和应用可能。让营销迈向深度合作的关系。

With a strong emphasis on the depth of marketing services, Welling continues to hold a series of technical presentations on influential platforms, including technical application seminars, new product introductions, etc., to provide valuable motor technology solutions and application possibilities for customers in various fields. Let marketing move towards deep cooperation.

命名规则

Model Naming Rules

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；
“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；
“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 roller 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.

Z K F P – 38 – 8 – 1 L

1

2

3

4

5

6

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)

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.

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					
		室内机 (盘管机) Indoor Unit (Coil 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 (盘管机) Indoor Unit (Coil 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
76 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						

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 (●■)		移动空调机 Portable A/C		25		80					
		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				

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 (●■)		窗式空调机 Window A/C	60	130							
		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					

抽油烟机

Kitchen Hood

AC-抽油烟机 Kitchen Hood			20W	40W	60W	80W	100W	120W	140W	160W	180W
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 -DDM Series			150				350			
161 -DDM Series					250			450		
191 -DDM Series								400	500	

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

洗衣机

Washing Machine

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

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

干衣机

Dryer

AC-干衣机 Dryer		30W	150W	200W	250W	300W	400W	500W	550W	600W
105 Series			90	250						

DC-干衣机 Dryer		30W	150W	200W	250W	300W	400W	500W	550W	600W
112 Series			90	250						

洗碗机

Dishwasher

DC-洗涤泵 Washer Pump		20W	40W	60W	80W	100W	120W	140W	160W	180W
73 Series			40	65						
73 Series (集成加热泵) (Integrated Heat Pump)			40	65						

AC-洗涤泵 Washer Pump		20W	40W	60W	80W	100W	120W	140W	160W	180W
90 Series (1)			50	70						
90 Series (2)			40	60						
90 Series (嵌入式) (Embedded)		30	45							

高速BLDC吸尘器电机

High Speed BLDC Motor for Vacuum Cleaner

高速BLDC吸尘器电机 High Speed BLDC Motor for Vacuum Cleaner		100W	150W	200W	250W	300W	350W	400W	450W	500W
8万转 Series				200	350					
12万转 Series				200	400					

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
DSS-60 Series			50	75						
DSS-76 Series					200	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-食品加工机&垃圾粉碎机 Food processing machine, Garbage crusher		30W	100W	200W	300W	400W	500W	600W	700W	800W
HXZ62 Series			80	500						
HXZ81 Series				250	750					

其它
Other Motors

AC-食品加工机 Food processing machine		100W	200W	300W	400W	500W	600W	700W	800W	1000W
HXJ81 Series		200 800								

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

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

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

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
140/310	26~65	内置/外置 Inner/External	BLDC	-7~43	IP20	橡胶圈 Rubber gasket mounting	E

特征

树脂封装，本体厚度39/42/51mm可选
铜线及铝线可选

控制方式

PWM
方波驱动及正弦波驱动可选
Sensorless可选

用途

空调室内机
空气净化机

Features

Resin packaging, body thickness is optional
among 39/42/51mm
Copper & aluminum wires

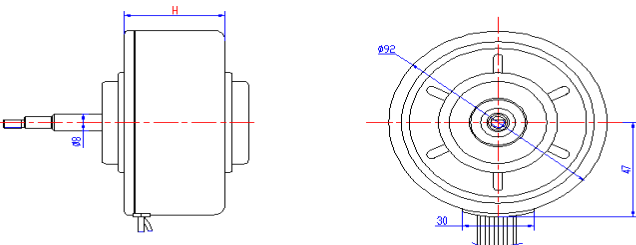
Control mode

PWM
Square-wave driving & sine-wave driving
Sensorless

Application

A/C Indoor Unit
Air purifier

安装方式 Mounting type



分体内机系列				单位:mm
厚度	机壳	7/10L	13L	22L
H		39	42	51



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	140 V	—	950	Sensorless	—
ZKFN-25-8-2	25W	310 V	—	950	Sensorless	—
ZKFP-40-8-11	40 W	310 V	5V	900	三霍尔	12 pulse/r
ZKFP-40-8-21	40 W	310 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
140/310	25~65	内置/外置 Inner/External	BLDC	−15~ 55	IP24	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
安装方式为法兰盘式
控制方式：
单/三霍尔及Sensorless可选

Features

Resin packaging
Copper & aluminum wires
Flange mounting
Control mode:
Single / tri-Holzer & Sensorless

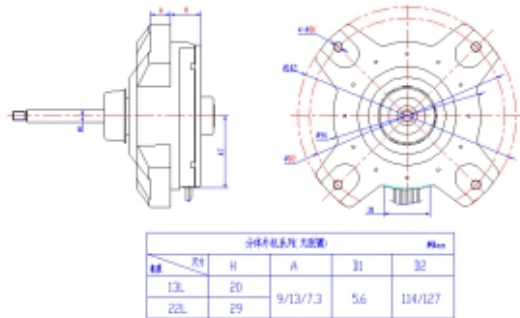
用途

空调室外机
空气能热水器

Application

A/C Outdoor Unit
Air-heat Pump Water Heater

安装方式 Mounting type



空调电机

DC-94系列 (外置驱动)

Air Conditioner Motor — DC 94 series (external drive)

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	310V	—	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
310	60~120	内置/外置 Inner/External	BLDC	−15~ 55	IP20	法兰盘/带胶圈 Flange Type / with Rubber Gasket	E

特征

树脂封装
铜线

Features

Resin packaging
Copper wire

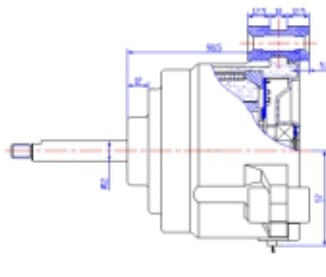
用途

柜机室内机

Application

Packaged A/C Indoor Unit

安装方式 Mounting type



空调电机

DC-94系列 (内置驱动)

Air Conditioner Motor — DC 94 series (built-in drive)

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
310	60~120	内置/外置 Inner/External	BLDC	-7~ 43	IP20	法兰盘/带胶圈 Flange Type / with Rubber Gasket	E

特征

树脂封装

铜线

控制方式:

正弦波驱动

Sensorless可选

Features

Resin packaging

Copper wire

Control mode:

Sine-wave driving

Sensorless

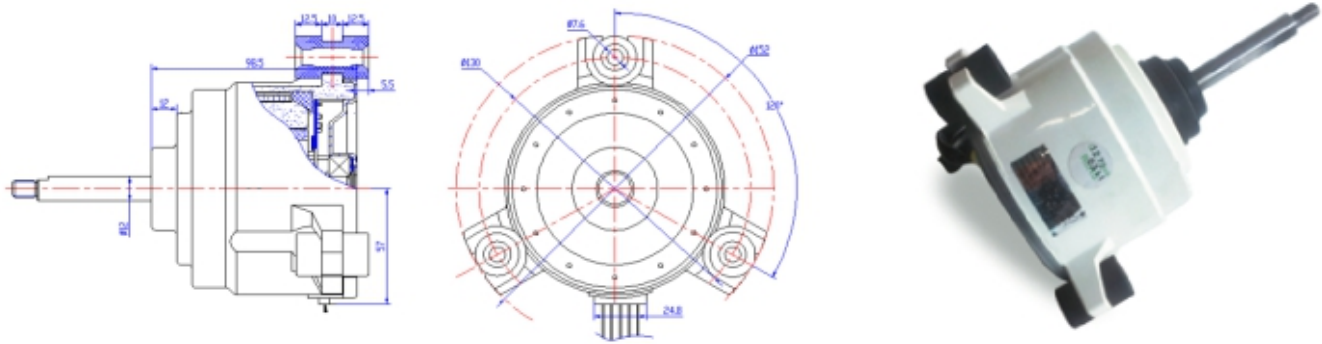
用途

柜机室内机

Application

Packaged A/C Indoor 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
310	80~150	内置/外置 Inner/External	BLDC	-15~ 55	IP24	减振胶圈/法兰盘 Vibration reduction rubber gasket/flange mounting	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

控制方式:

正弦波驱动可选

Sensorless可选

Features

Resin packaging

Copper & aluminum wires

Vibration reduction rubber gasket & flange mounting

Control mode:

Sine-wave driving

Sensorless

用途

柜机室外机

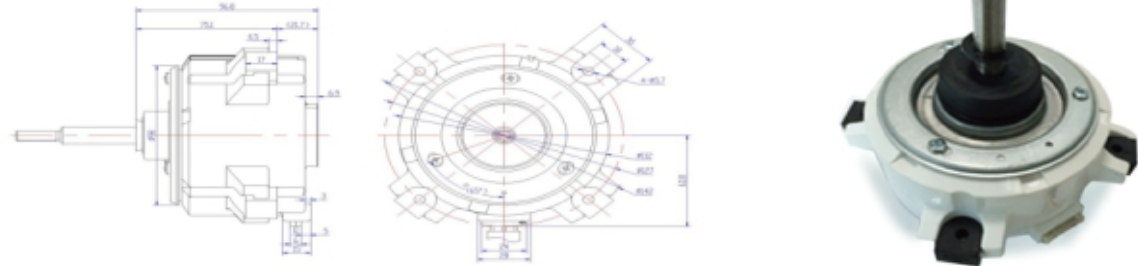
天花机室外

Application

Packaged A/C Outdoor Unit

Ceiling A/C Outdoor Unit

安装方式 Mounting type



空调电机

BLDC-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
310	80~150	内置/外置 Inner/External	BLDC	-7~ 43	IP20	带胶圈 Rubber Gasket Mounting	E

特征

树脂封装

铜线及铝线可选

胶圈安装

控制方式:

正弦波驱动

Sensorless可选

Features

Resin packaging

Copper & aluminum wires

Rubber Gasket Mounting

Control mode:

Sine-wave driving

Sensorless

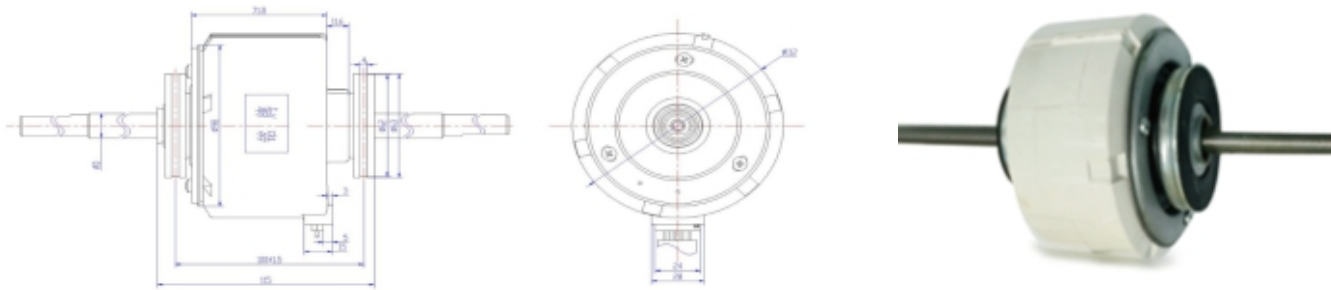
用途

盘管风机

Application

Packaged A/C Outdoor Unit

安装方式 Mounting type



烟机电机

DC-107系列

Motor for Kitchen Ventilator — 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
ZSCN-100-8-100	100W	310V	15V	1030

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
310	80~150	内置/外置 Inner/External	BLDC	-15~ 40	IP40	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

Features

Resin packaging

Flange mounting

Control mode:

Constant air flow control

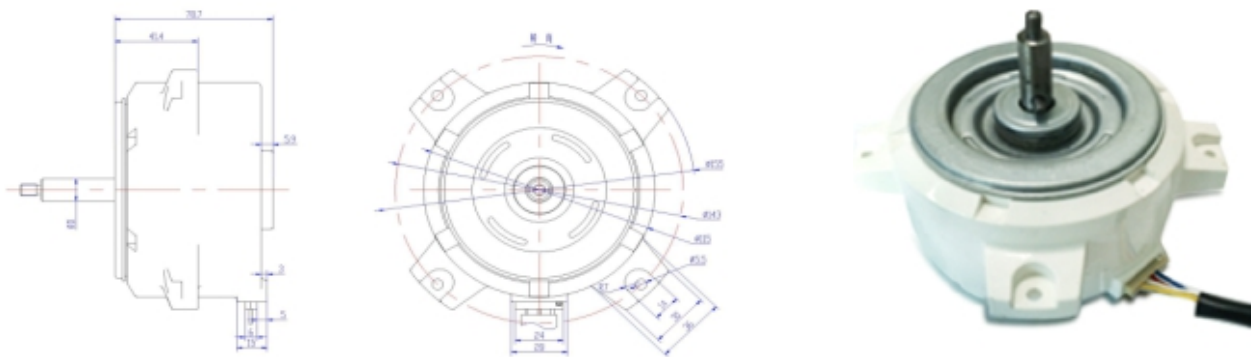
用途

抽油烟机

Application

Kitchen Hood

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
ZKFN-170-8-20	170W	310V	15V	850	-	-
ZKSP-170-8-1	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
140/310	150~250	内置/外置 Inner/External	BLDC	-15~ 55	IP24	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

用途

柜机室外机

天花机室外机

Features

Resin packaging

Rubber gasket & flange mounting

Control mode:

Sine-wave driving

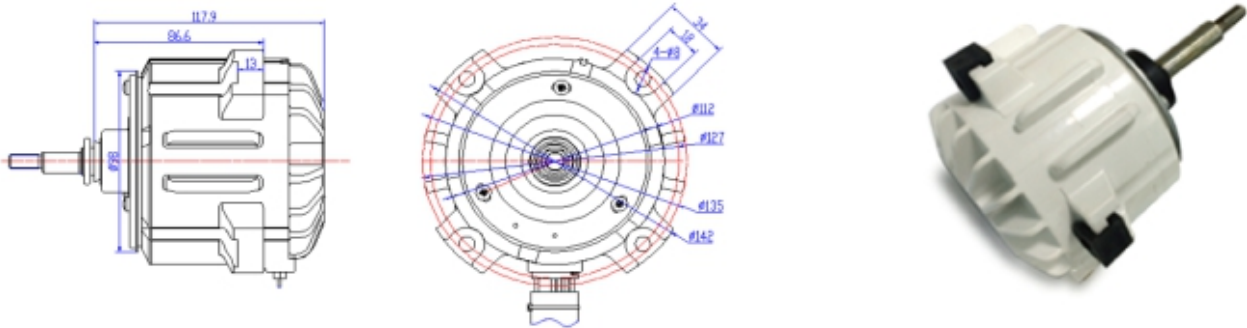
Sensorless

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
310	150~250	内置/外置 Inner/External	BLDC	-7~43	IP20	胶圈安装 Rubber gasket mounting	E

特征

树脂封装

胶圈安装

Features

Resin packaging

Rubber gasket mounting

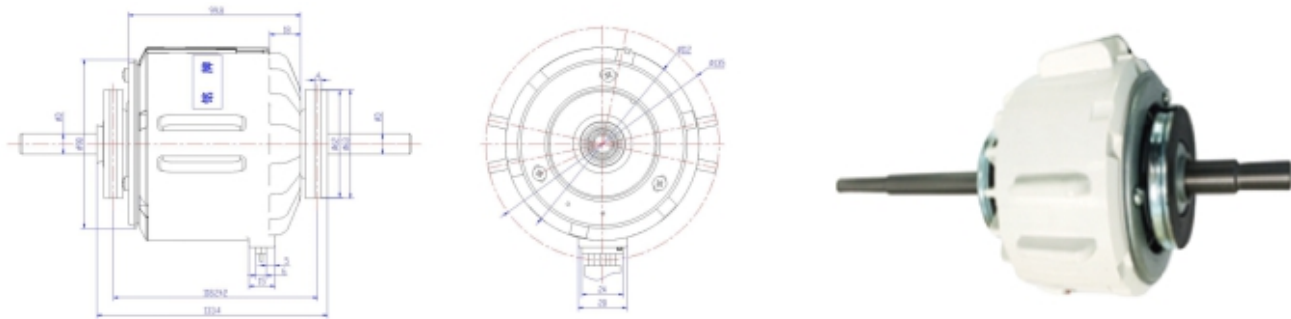
用途

盘管风机

Application

FCU

安装方式 Mounting type



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
AC208~230 AC115	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~ 55	IP20	抱箍安装 Hoop Mounting	B

特征

树脂封装,低振动噪声

多档位或单档位可选

铜线及铝线可选

控制方式:

FOC矢量控制

恒转矩/恒转速/恒风量

Sensor Less

用途

美式住宅空调

美式商用空调

Features

Resin packaging, low vibration noise

Multi gear/single gear

Copper/aluminum wire

Control mode:

Foc vector control

Constant torque/Constant speed/Constant cfm

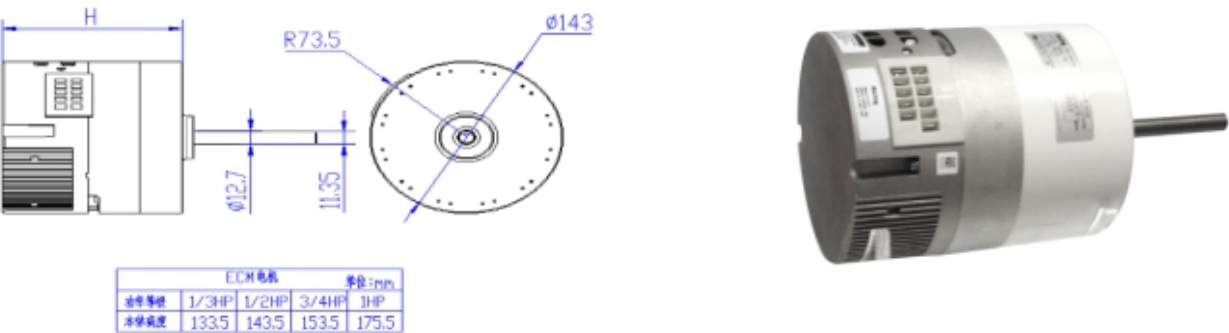
Sensor Less

Application

American Residential A/C

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	SensorI	12 pulse/r
ZKSP-560-8-5	560W	310V	15V	960	SensorI	12 pulse/r
ZKSN-750-8-7	750W	310V	15V	960	SensorI	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
310	350~1000	外置 External	BLDC	-15~ 55	IP24	树脂封装 Hoop Mounting	B / E

特征

树脂封装

控制方式:

Sensor可选

Sensorless可选

Features

Resin packaging

Control mode:

Sensor

Sensorless

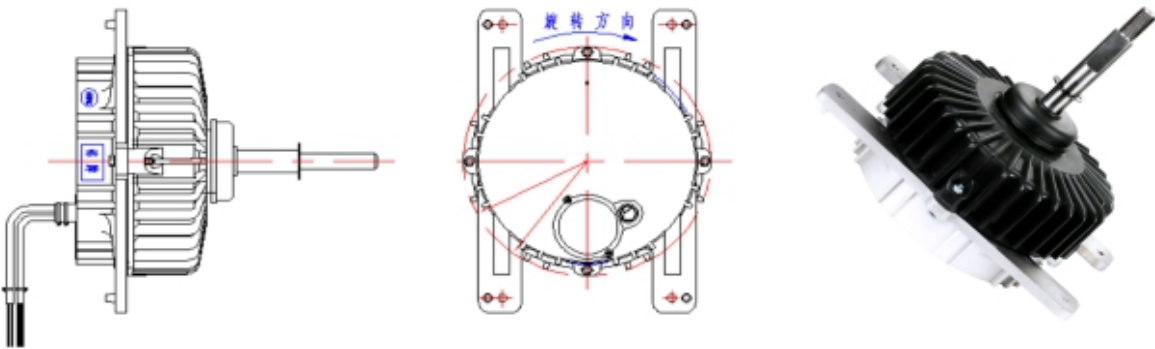
用途

商用外机

Application

Commercial A/C Outdoor Unit

安装方式 Mounting type



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	-7~ 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

用途

抽湿机

空气净化器

Features

Galvanized sheet tensile end cover

Copper and aluminum wires

Control mode:

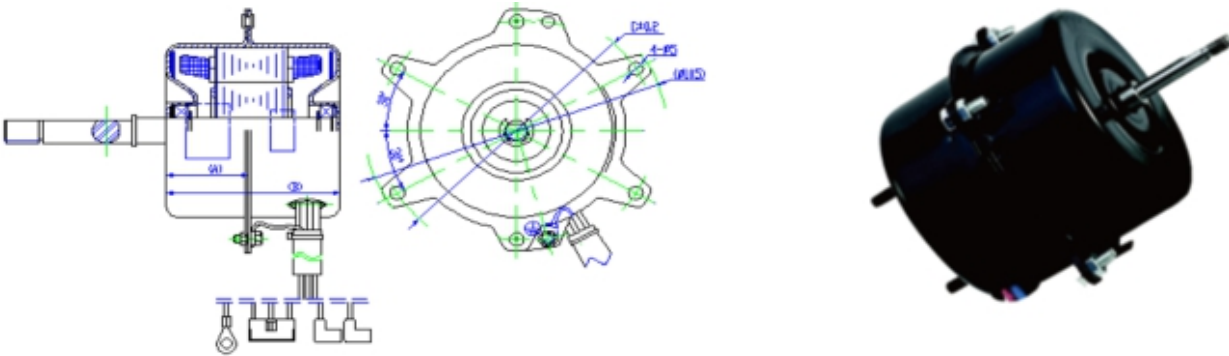
Shifts taps varies speed

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	-7~ 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

用途

空调

空气净化器

Features

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

Copper and aluminum wires

Control mode:

PG/ tap / single speed

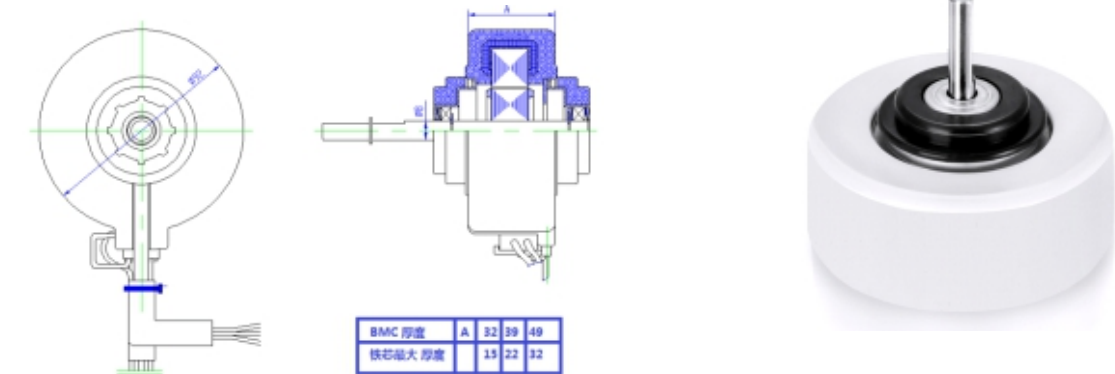
PG speed regulation Magnet ring of 2/6/12 is optional.

Application

Air Conditioner

Air purifier

安装方式 Mounting type



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	-7~ 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

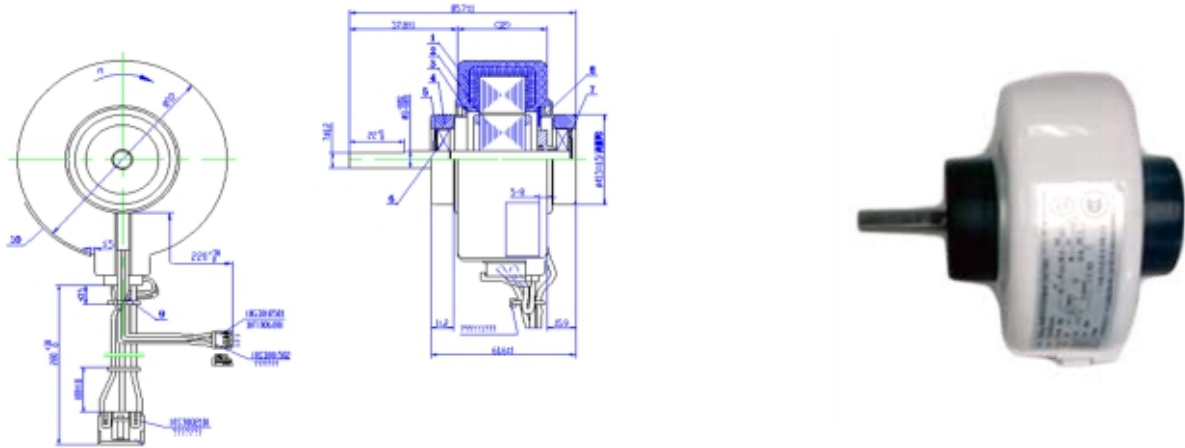
用途

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
YKT-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	-15~ 55	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

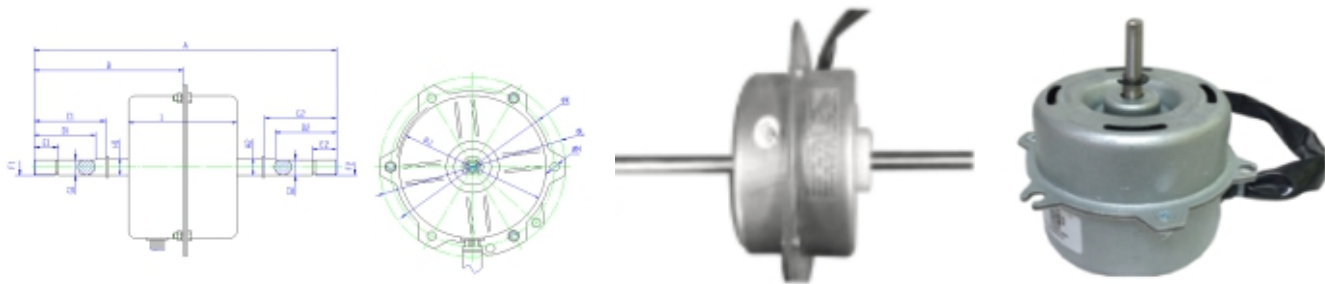
用途

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



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
115 / 220~240	40~100	-15~ 55	IP40	水平 Horizontally

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

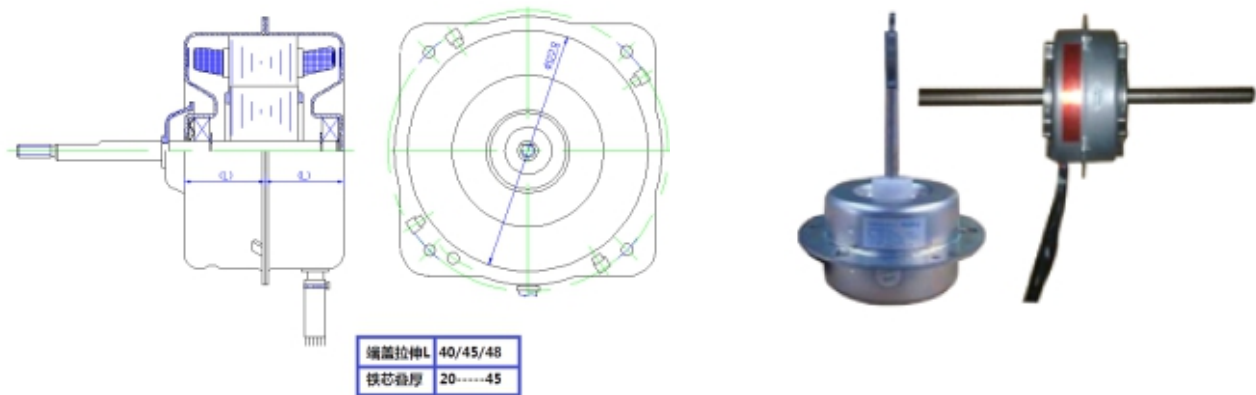
用途

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 P/N	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	-15~55	IP40	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

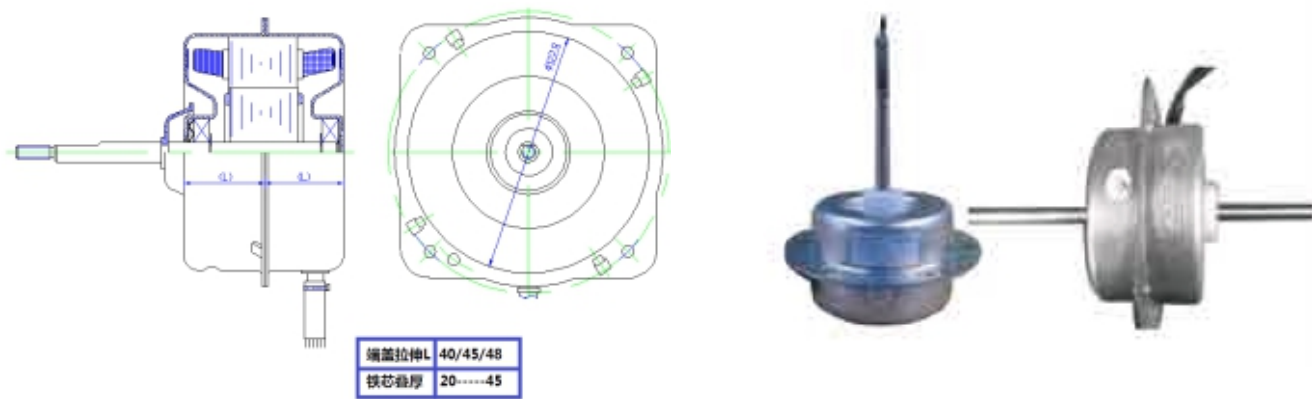
用途

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



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
YKS-450-8-1	1/2	230V	60Hz	8	650	20uf
YKS-250-6-18	1/3	230V	60Hz	6	1075	7.5uf
YKS-130-6-12	1/5	230V	60Hz	6	1075	5.0uf
YKS-600-6-3	3/4	460V	60Hz	6	1075	20uf

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	-15~ 55	IP40	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

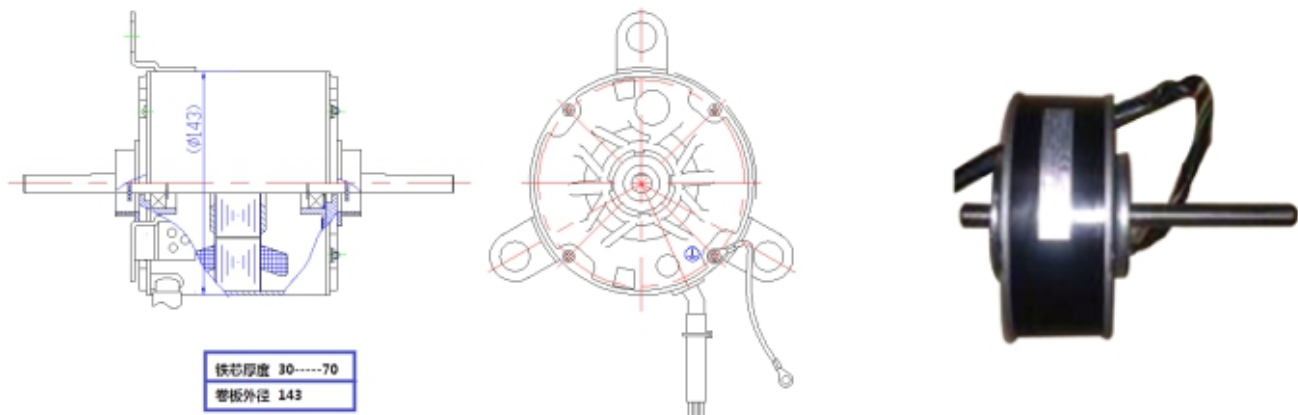
用途

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 P/N	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	-15~55	IP00 / IP40	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

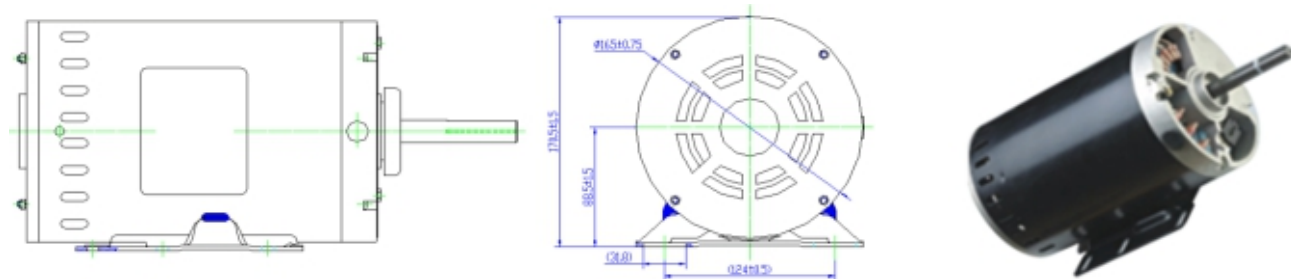
用途

商用空调

Application

Commercial A/C

安装方式 Mounting type



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	Φ 107 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	0~40	IP00	轴伸端朝下 The Axle Stretch End downward	波轮BLDC 电机 Pulsator BLDC Motor	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

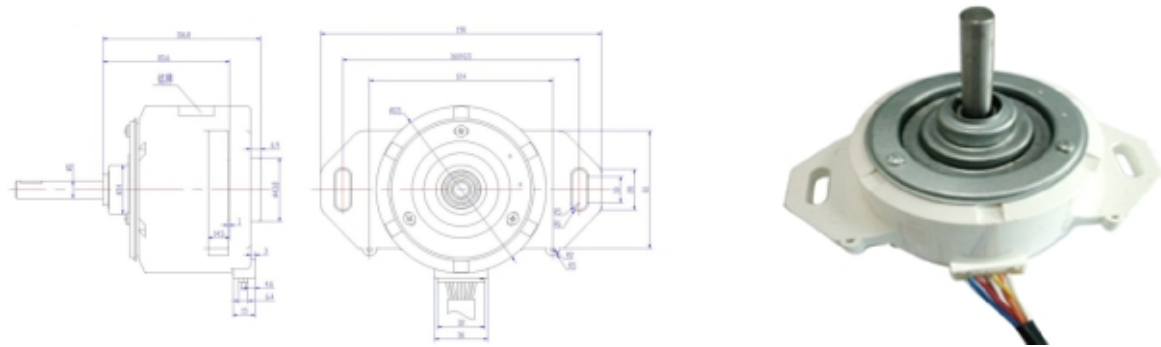
用途

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	洗涤功率 Output	洗涤效率 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	0~40	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

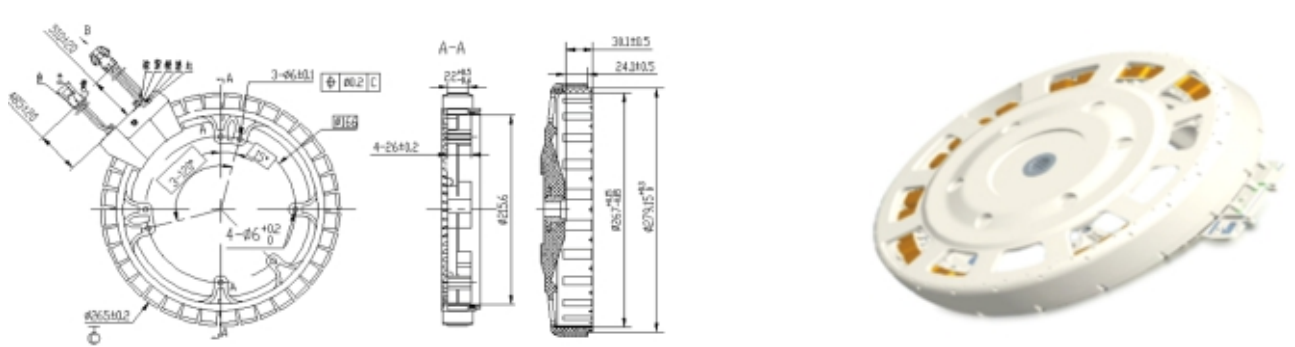
用途

滚筒式全自动洗衣机

Application

Drum washing machine

安装方式 Mounting type



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40/脱水178 Washing 40 / Dehydration 178	洗涤40-100/ 脱水300-750 Washing 40-100/ Dehydration 300-750	0~40	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

Oppeer/Aluminum wire

Control mode:

Sine-wave driving

Sensor/Sensorless

Field weakening control at high speed

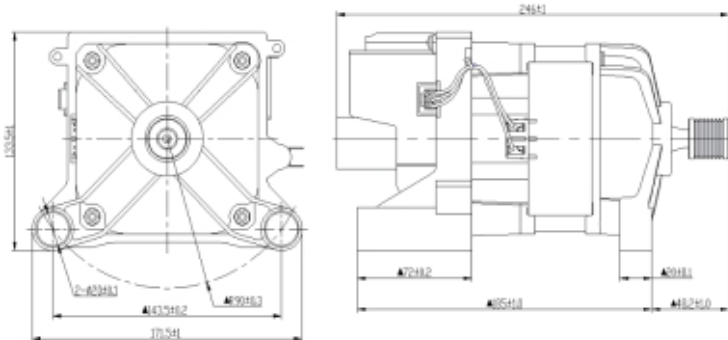
用途

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	Φ 146 mm	300W	> 80%	800	> 4	5-8	≤45
ZXBW-350-20-1L	Φ 161 mm	350W	> 80%	800	> 6	6-12	≤45
ZXBE-500-24-1L	Φ 191 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	0~40	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

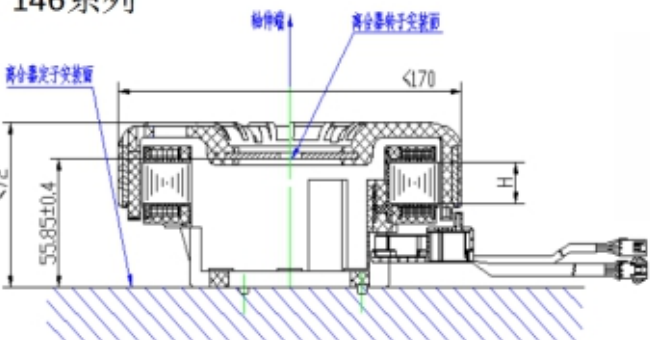
波轮全自动洗衣机

Application

Pulsator washing machine

安装方式 Mounting type

146系列



干衣机电机

DC-干衣机用直流电机112系列

DC Motor for dryer — DC 112 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
YXH-190-2-5L	190W	220V-240V	50/60Hz	2680

标准规格

Stand Specification

额定电压 Rated Voltage (V)	输出功率 Rated Output (W)	铁芯厚度 (mm)	安装方式 Installation method
220~240 50/60Hz	60~250	45	减震圈/支架

特征

效率高 电机单体最高效率可达80%

调速范围广 电机的转速调节最高可达3500rpm

噪音低振动小 电机噪音和振动平均值约为46.2dB(A)和6.3m/s²

结构特点:

电磁方案采用8极12槽结构 最优化极槽配合设计，具有更高的径向力模式，电机的振动和噪音表现更好

转子采用包塑结构 防止表贴式磁瓦脱落，保证在电机高速运行下的可靠性

转子采用内外铁芯结构 减少转子铁芯内部的涡流损耗，提高能量转换效率

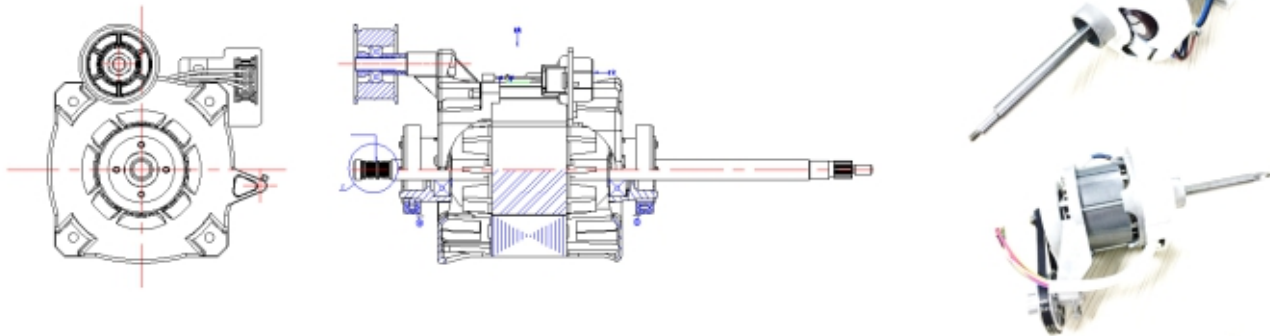
用途

干衣机

Application

Dryer

安装方式 Mounting type



干衣机电机

AC-干衣机用单相异步电机105/115系列

Single-phase Asynchronous Motor for Dryer — AC 105/115 series

代表机型特性

Features of Representative models

型号 P/N	铁芯厚度 mm	功率 Output	额定转速 RPM	电压 Voltage	电容 μ
YXH-190-2-5L	45	190W	2680	220~240	10
YXH-130-2-2L	30	130W	2650	220~240	8
YXH-100-2-2L	30	100W	2600	220~240	7

标准规格

Stand Specification

额定电压 Rated Voltage (V)	输出功率 Rated Output (W)	安装方式 Installation method
220~240 50/60Hz	60~250	减震圈/支架

特征

拉伸/铸铝端盖电机

铜线及铝线可选

铁芯平台 105/115 长度120-400mm可选

Features

Motor with drawn/cast aluminum end cap

Copper and aluminum wires

105/115/ length: 120~400mm

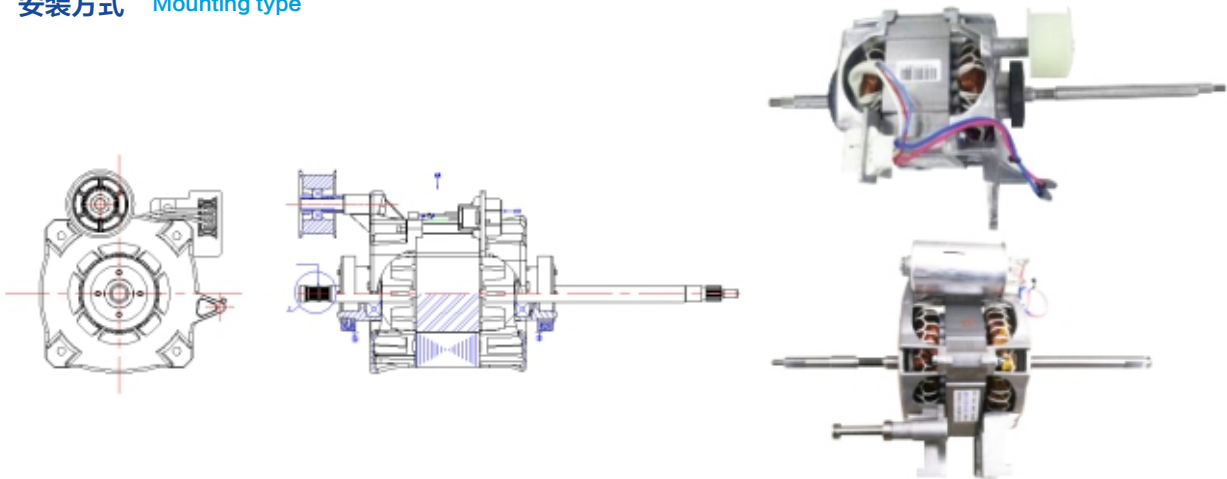
用途

直排式、冷凝式/热泵式干衣机电机

Application

Motors for air-vented, condensing / heat pump dryers

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
YXBT-50-4-2L	Φ 108	50W	1300	220V	50Hz	4	0.4	0.6	5 μ F
YXB-150-4-205L	Φ 110	150W	1280	230V	50Hz	4	1.1	1.6	11 μ F
YXB-200-4-211L	Φ 115	200W	1280	120V	60Hz	4	1.4	2	42 μ F
YXB-250-4-24L	Φ 120	250W	1625	120V	60Hz	4	1.8	2.6	50 μ F

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	0~40	IP00	水平或垂直 Horizontally or Vertically	E / B / F / H

特征

拉伸/铸铝端盖电机

铜线及铝线可选

铁芯平台 110/115/φ 120 长度16~60mm可选

Features

Motor with drawn/cast aluminum end cap

Copper and aluminum wires

110/115/φ 120 length: 16~60mm

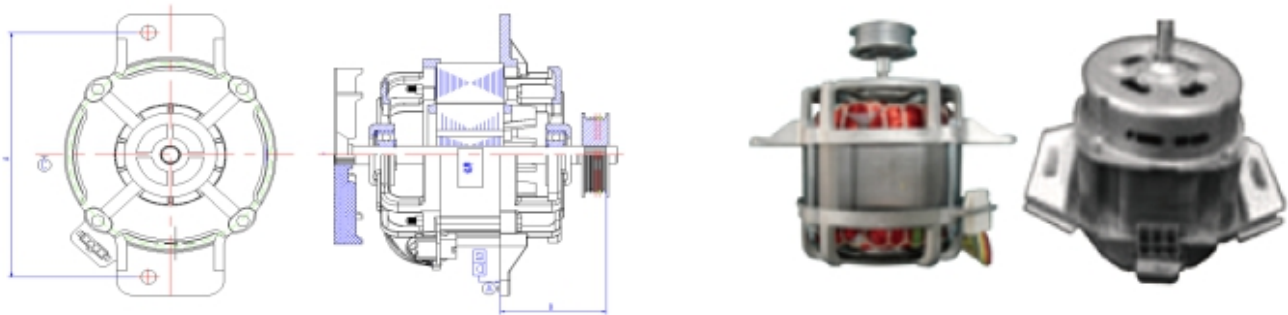
用途

全自动洗衣机、双桶洗涤/脱水电机

Application

Automatic washing machine
Double barrel washing/dehydration motor

安装方式 Mounting type



洗衣机电机

AC-滚筒洗衣机UM-A 系列

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

代表机型特性

Features of Representative models

型号 P/N	铁芯厚度 mm	功率 Output		转速 RPM		Vm电压 Voltage	额定电流 Rated current
		洗涤 Washing	脱水 Spinning	洗涤 Washing	脱水 Spinning		
HXG-146-30-55L	30	30W	300W	500~1000	7000~17000	220~240V	3A
HXG-146-39-16L	39	40W	350W	500~1000	7000~17000	220~240V	3A
HXG-146-45-17L	45	40W	350W	500~1000	7000~19000	220~240V	3A
HXG-146-52-53L	52	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	0~40	IP00	具有安装脚结构 Foot Mounting Structure	F / 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、启动转矩大、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

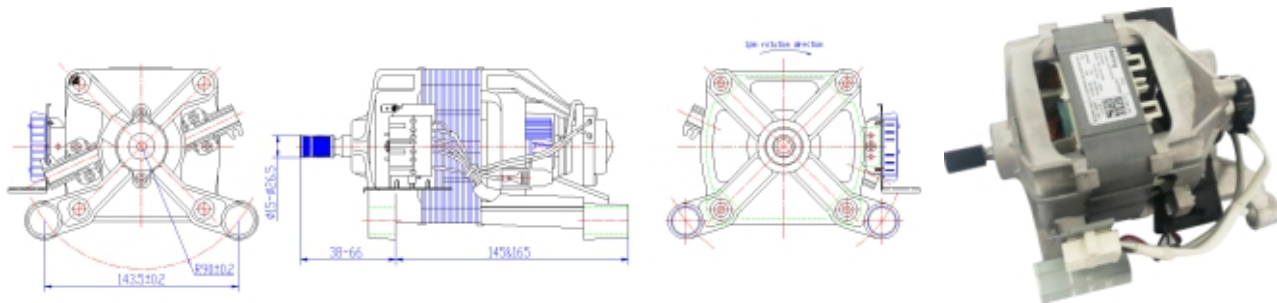
用途

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



洗衣机电机

AC-滚筒洗衣机UM-C 系列

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

代表机型特性

Features of Representative models

型号 P/N	铁芯厚度 mm	功率 Output		转速 RPM		Vm电压 Voltage	额定电流 Rated current
		洗涤 Washing	脱水 Spinning	洗涤 Washing	脱水 Spinning		
HXG-144-30-1L	30	30W	300W	500-1000	7000-17000	220-240V	3A
HXG-144-39-6L	39	40W	350W	500-1000	7000-17000	220-240V	3A
HXG-144-45-4L	45	40W	350W	500-1000	7000-19000	220-240V	3A
HXG-144-52-51L	52	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	0~40	IP00	具有安装脚结构 Foot Mounting Structure	F / 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

用途

滚筒洗衣机，适用于皮带传动结构

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.

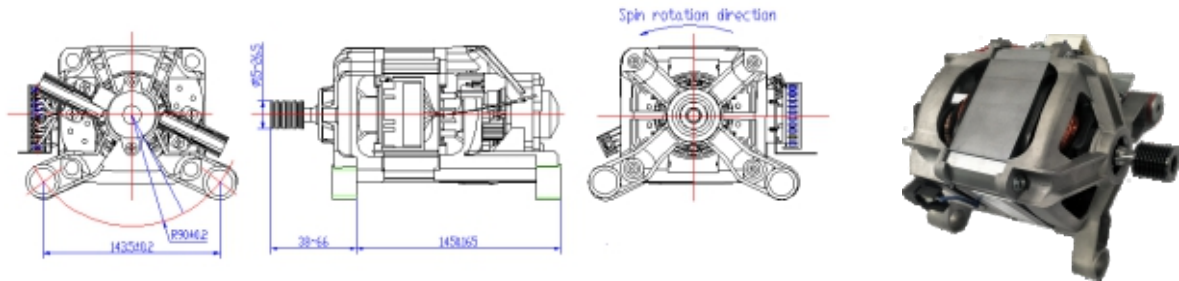
The speed feedback can realize precise speed control, and stepless speed regulation of 500rpm~17000rpm

Pass the certification of 3C and TUV

Application

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		转速 RPM		Vm电压 Voltage	额定电流 Rated current
		洗涤 Washing	脱水 Spinning	洗涤 Washing	脱水 Spinning		
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	0~40	IP00	具有安装脚结构 Foot Mounting Structure	F / 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

用途

滚筒洗衣机，适用于皮带传动结构

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.

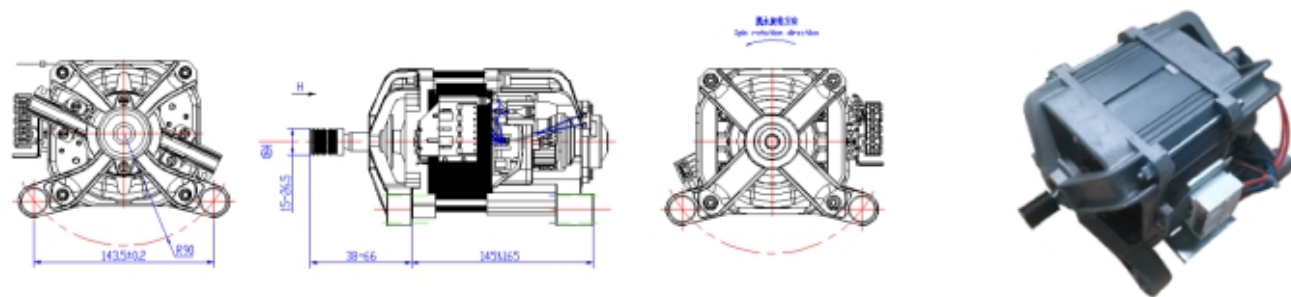
The speed feedback can realize precise speed control, and stepless speed regulation of 500rpm~17000rpm

Pass the certification of 3C and TUV

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-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	功率 Output		转速 RPM		额定效率脱水 Efficiency	Vm电压 Voltage	备注 Remarks
	洗涤 Washing	脱水 Spinning	洗涤 Washing	脱水 Spinning			
YXT-480-2-3L	96W	480W	500-1000	7000-18000	65-82%	36-195V	分体
YXT-380-2-30L	76W	380W	500-1000	7000-18000	65-82%	36-195V	分体
YXT-320-2-6L	64W	320W	500-1000	7000-18000	65-80%	36-195V	分体
YXT-220-2-201L	38W	220W	500-1000	7000-18000	65-80%	36-195V	分体
YXT-180-2-1L	25W	180W	500-1000	7000-18000	65-80%	36-195V	分体
YXTK-275-2-1L-2	52W	275W	500-1000	7000-18000	65-80%	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36/脱水195 Washing 36 / Dehydration 195	洗涤20-100 / 脱水180-500 Washing 20-180 / Dehydration 180-500	0~40	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

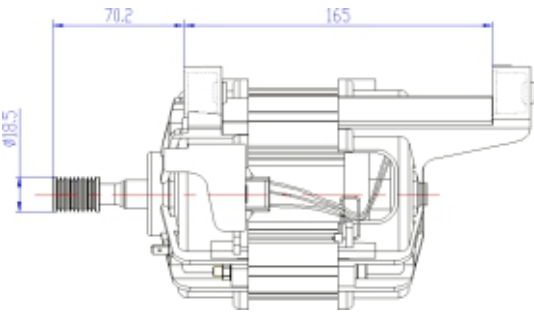
带有速度反馈，可实现速度的精准控制, 实现500rpm~18000rpm之间的无级调速

通过了CCC、TUV、UL认证

用途

滚筒洗衣机，适用于皮带传动结构

安装方式 Mounting type



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~18000rpm

Pass the certification of CCC、TUV、and UL

Application

Drum washing machine (belt driven mechanical)



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		转速 RPM		额定效率洗涤 Efficiency	Vm电压 Voltage	备注 Remarks
	洗涤 Washing	脱水 Spinning	洗涤 Washing	脱水 Spinning			
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36 / 脱水195 Washing 36 / Dehydration 195	洗涤30-180 / 脱水180-500 Washing 30-180 / Dehydration 180-500	0~40	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

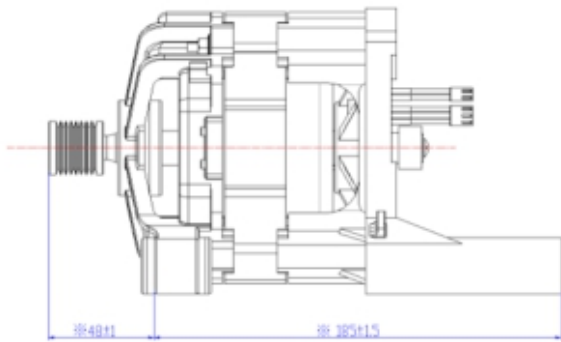
带有速度反馈，可实现速度的精准控制, 实现500rpm~18000rpm之间的无级调速

通过了CCC和UL等认证。

用途

滚筒洗衣机，适用于皮带传动结构

安装方式 Mounting type



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~18000rpm

Pass the certification of CCC and UL

Application

Drum washing machine (belt driven mechanical)



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 Input (W)	转速 RPM (r/min)	温升 Temperature rise (K)	额定电流 Rated current (A)	噪声 Noise (dB)	电容 Capacity (μF/V)	流量flux (1m扬程) (m³/h)	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	0~40	IP00	水平安装 Horizontally	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

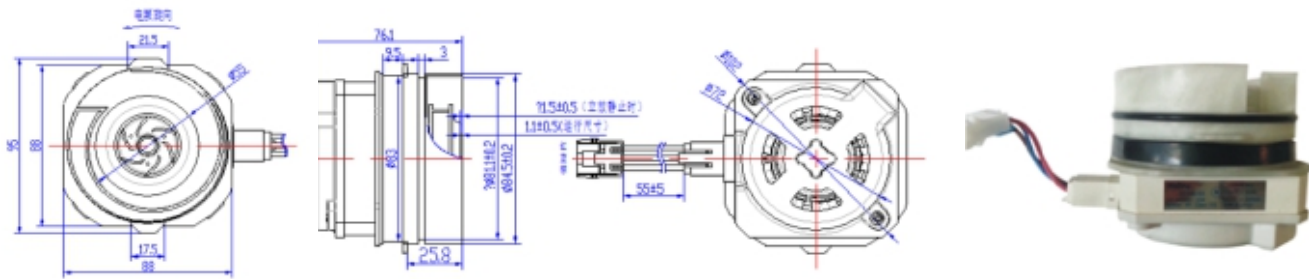
用途

洗碗机

Application

Dishwasher

安装方式 Mounting type



洗碗机电泵

洗碗机BLDC集成加热泵 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 Input (W)	转速 RPM (r/min)	温升 Temperature rise (K)	额定电流 Rated current (A)	噪声 Noise (dB)	电容 Capacity (μF/V)	流量flux (1m扬程) (m³/h)	转向 (轴伸端视) Rotation
ZXW-50-8-1	230	50	67	3000	≤95	0.65	≤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	0~40	IP00	水平安装 Horizontally	F

特征

Halbach铁氧体磁环技术，免生锈
体积小，重量轻，结构简单，可靠性高
铝管+导热板+平面泵盖加热技术，加热效率高
铝管加热器保护技术，水温过热保护+干烧断电保护
BMC塑封技术，防潮湿
铜线/铝线

控制方式:

DC输入

180度正弦波控制

Features

Halbach ferrite magnetic ring technology, and rust-free
Small size, light weight, simple structure, and high reliability
Aluminum tube + Heat-conducting plate + Flat pump cover heating technology, with a high heating efficiency
Aluminum tube heater protection technology, water temperature overheat protection + dry burning power-off protection
BMC plastic sealing technology, and moisture-proof
Copper wires/ Aluminum wires

Control mode:

DC input

180° sine wave control

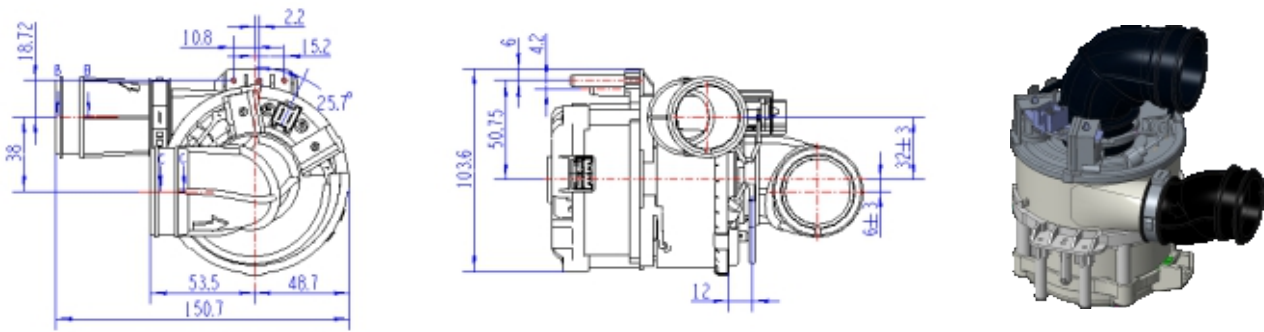
用途

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 Input (W)	转速 RPM (r/min)	温升 Temperature rise (K)	额定电流 Rated current (A)	噪声 Noise (dB)	电容 Capacity (μF/V)	流量flux (1m扬程) (m³/h)	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	φ 120	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
220~240/50Hz 115~127/60Hz	50~70	0~40	IP00	水平安装 Horizontally	F

特征

电容运转感应水泵

铜线

Features

Capacitance running induction pump

Copper wire

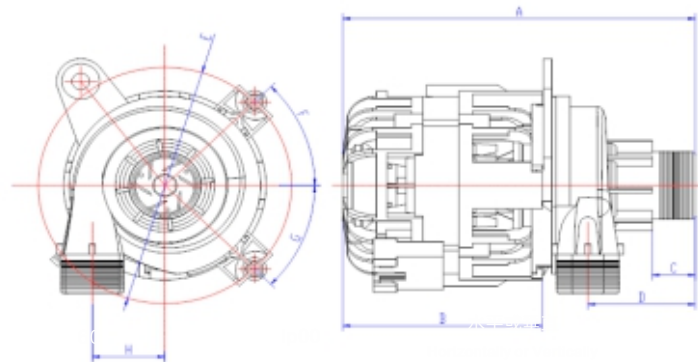
用途

洗碗机

Application

Dishwasher

安装方式 Mounting type



洗碗机电泵

AC-水泵 90(2) 系列

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 Input (W)	转速 RPM (r/min)	温升 Temperature rise (K)	额定电流 Rated current (A)	噪声 Noise (dB)	电容 Capacity (μF/V)	流量flux (1m扬程) (m³/h)	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
220~240/50Hz 115~127/60Hz	40~60	0~40	IP00	水平安装 Horizontally	F

特征

电容运转感应水泵

铜线/铝线

Features

Capacitance running induction pump

Copper wires/ Aluminum wires

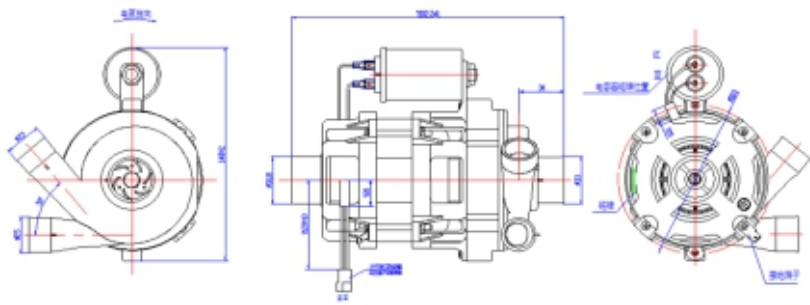
用途

洗碗机

Application

Dishwasher

安装方式 Mounting type



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 Input (W)	转速 RPM (r/min)	温升 Temperature rise (K)	额定电流 Rated current (A)	噪声 Noise (dB)	电容 Capacity (μ F/V)	流量flux (1m扬程) (m ³ /h)	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
220~240/50Hz 115~127/60Hz	30~45	0~40	IP00	水平安装 Horizontally	F

特征

电容运转感应水泵
铜线/铝线

Features

Capacitance running induction pump
Copper wires/ Aluminum wires

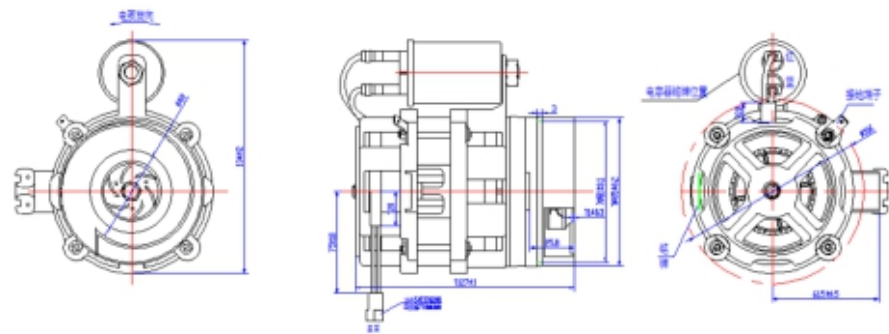
用途

洗碗机

Application

Dishwasher

安装方式 Mounting type



增压隔膜泵

有刷直流泵DSS-76系列

Pressurized Diaphragm — Brush DC Pump DSS-76 Series

代表机型特性

Features of Representative models

规格 (加仑)	电压 Voltage	入水压力 Inlet pressure	工作压力 working pressure	工作流量 working flow	工作电流 working current	封堵压力 blocking pressure	封堵电流 blocking current	进出水口 water inlet and outlet
200	24VDC	0.2MPa	0.5MPa	≥1600ml/min	≤2.0A	0.8~1MPa	≤2.5A	双O3/8"NPT
300	24VDC	0.2MPa	0.5MPa	≥2000ml/min	≤2.4A	0.8~1MPa	≤3.0A	双O3/8"NPT
400	24VDC	0.2MPa	0.7MPa	≥2500ml/min	≤2.6A	0.9~1.2MPa	≤3.8A	双O3/8"NPT
600	24VDC	0.2MPa	0.7MPa	≥2800ml/min	≤3.2A	0.9~1.2MPa	≤4.0A	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
DC 24V	—	4~50	IPX4	—	—

特征

小体积、低噪音、长寿命、大流量、高可靠性
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, large flow, high reliability
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"

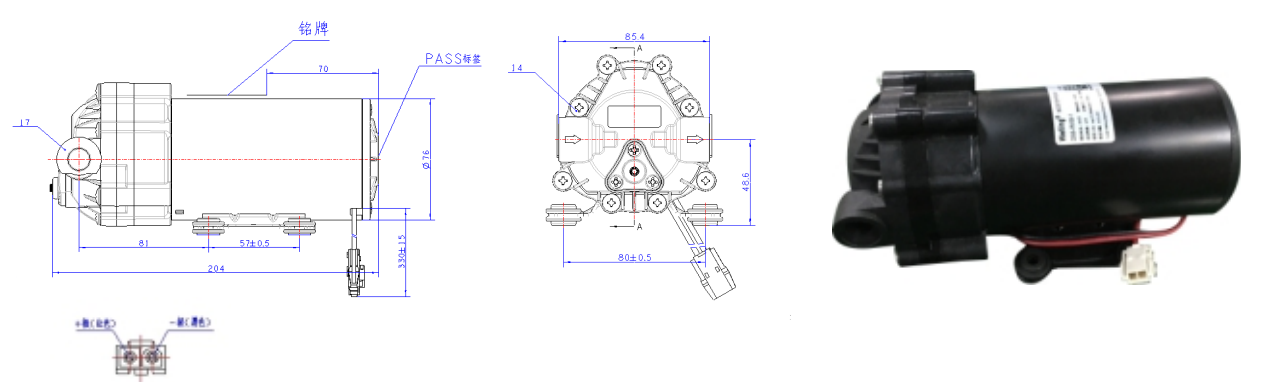
用途

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DSS-60系列

Pressurized Diaphragm — Brush DC Pump DSS-60 Series

代表机型特性

Features of Representative models

规格 (加仑)	电压 Voltage	入水压力 Inlet pressure	工作压力 working pressure	工作流量 working flow	工作电流 working current	封堵压力 blocking pressure	封堵电流 blocking current	进出水口 water inlet and outlet
50	24VDC	0.2MPa	0.5MPa	≥550ml/min	≤0.8A	0.8~1MPa	≤1A	双O1/4"NPT
75	24VDC	0.2MPa	0.5MPa	≥850ml/min	≤1.3A	0.8~1MPa	≤1.6A	双O1/4"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	—	4~50	IPX4	—	—

特征

小体积、低噪音、长寿命、高可靠性
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, high reliability
Self-priming height of 2m or more
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"

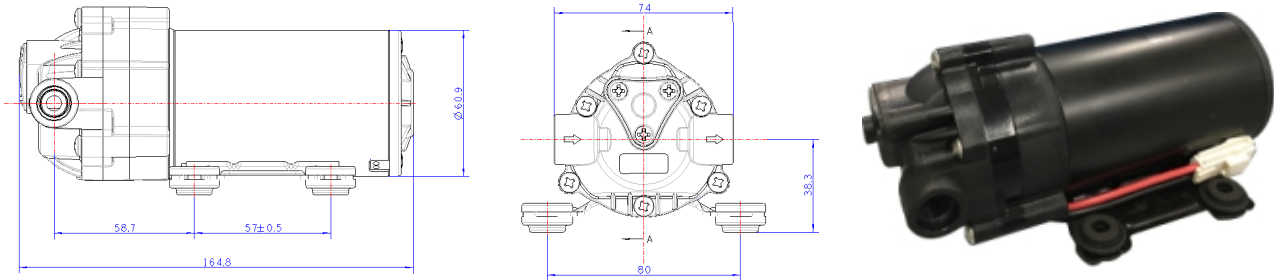
用途

Ro膜净水器

Application

RO Booster Pump

安装方式 Mounting type



电抗器

空调用电抗器系列

Air conditioner reactor series

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

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

特征

采用优质绝缘材料及先进生产工艺，
产品一致性好、可靠性高

铜线及铝线可选

Features

Using high quality insulation materials and advanced production technology,
good product consistency and high reliability

Copper and aluminum wires are optional

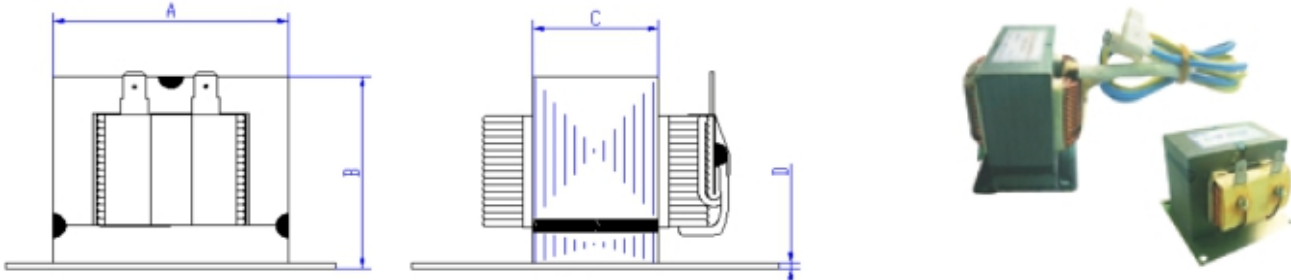
用途

家用/商用变频空调

Application

Household / commercial inverter air conditioner

安装方式 Mounting type



电抗器

洗衣机用电抗器系列

Washing Machine reactor series

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
0~40	50/60	1~30	-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

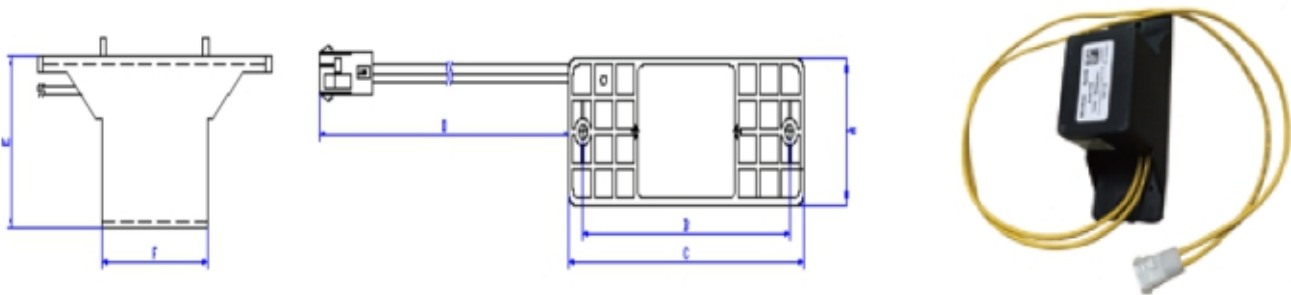
用途

变频洗衣机

Application

DC washing machine

安装方式 Mounting type



高速BLDC吸尘器电机

八万转高速BLDC吸尘器电机系列

80,000 RPM High Speed BLDC Motor for Vacuum Cleaner

代表机型特性

Features of Representative models

型号 P/N	电压 Voltage	输入功率 Input Power	最大吸工 Maximum suction	风机效率 Efficiency	振动 Vibration	噪音 Noise	寿命 lifespan
ZSDP-173-2-1	21.6VDC	220W	≥99W	≥46%	≤15mm/s	≤100dB(A)	≥500H
ZSDP-275-2-1	21.6VDC	350W	≥145W	≥45%	≤15mm/s	≤100dB(A)	≥500H

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
DC 21.6V	—	0~40	IP00	—	E

特征

小体积、高效率、长寿命
满足500H寿命试验
满足50000次频繁起停耐久试验
电控无霍尔控制方式

Features

Small size, high efficiency, and long life
Meet the life test of 500H
Meet 50,000 frequent start-stop endurance tests
Electronic control without Hall control

用途

手持充电式吸尘器

Application

Handheld Rechargeable Vacuum Cleaner

外形图 Appearance Drawing



高速BLDC吸尘器电机

十二万转高速BLDC吸尘器电机系列

120,000 RPM High Speed BLDC Motor for Vacuum Cleaner

代表机型特性

Features of Representative models

型号 P/N	电压 Voltage	输入功率 Input Power	最大吸工 Maximum suction	风机效率 Efficiency	振动 Vibration	噪音 Noise	寿命 lifespan
ZSDP-315-2-2	21.6VDC	400W	≥99W	≥46%	≤15mm/s	≤100dB(A)	≥500H
ZSDP-200-2-2	21.6VDC	250W	≥107W	≥45%	≤15mm/s	≤100dB(A)	≥500H
ZSDP-200-2-1	18VDC	250W	≥110W	≥46%	≤15mm/s	≤100dB(A)	≥500H

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
DC 21.6V/18V	—	0~40	IP00	—	E

特征

小体积、高效率、长寿命
满足500H寿命试验
满足50000次频繁起停耐久试验
电控无霍尔控制方式

Features

Small size, high efficiency, and long life
Meet the life test of 500H
Meet 50,000 frequent start-stop endurance tests
Electronic control without Hall control

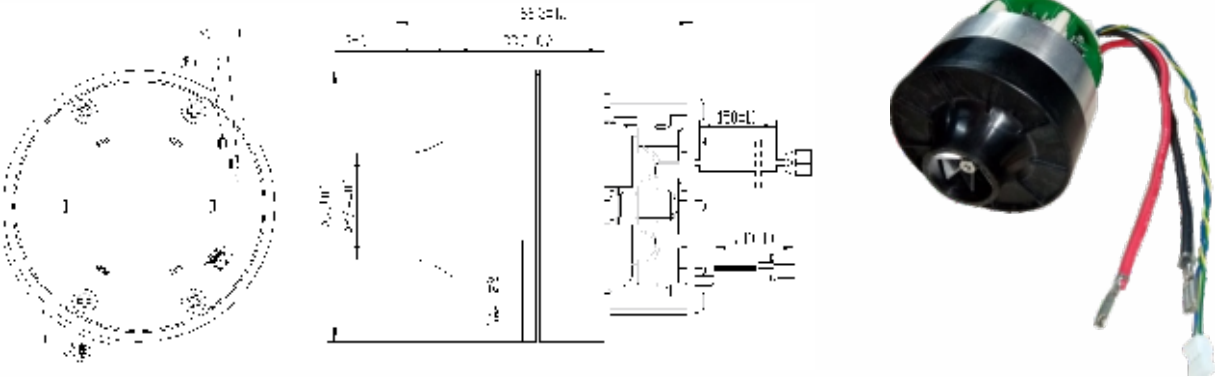
用途

手持充电式吸尘器

Application

Handheld rechargeable vacuum cleaner

外形图 Appearance Drawing



小家电用电机

单相串激料理机电机(81系列)

Motor for Small Home Appliance

代表机型特性

Features of Representative models

型号 Motor model	电源电压 Voltage	堵转性能 Stalling a motor performance		额定特性 Rated Performance			空载性能 No Load		温升 Heating Rise	噪音 Noise	输出功率 Output Power
		功率 Power	电流 Current	输入功率 Input Power	电流 Current	转速 Speed	电流 Current	功率 Power			
		W	A	W	A	rpm	A	W			
HCMS-81-35-1	120V/60Hz	460	4	240	2.3	7900	1	150	≤85	≤85	120

特征

本产品为单相串激电动机，启动力距大，运行转速高，主要用于面包机、食品加工处理等，本电机已通过中国CCC，随整机通过GS、TUV认证

Features

The product is a single-phase series-excited motor with large starting force and high running speed. It is mainly used for Bread machine, food processing, etc. The motor has passed the CCC, and the whole unit has passed the GS and TUV certification

用途

面包机，食品加工处理机等

Application

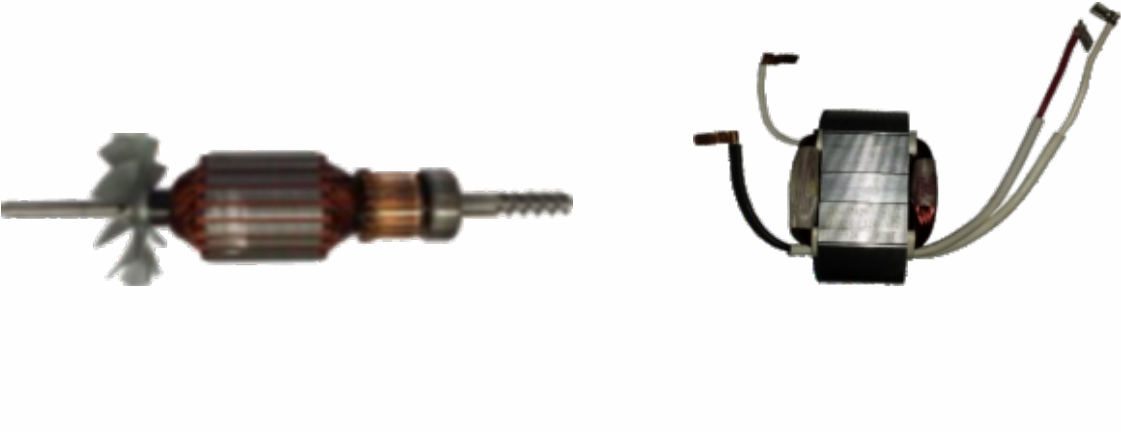
Bread machine, food processing, etc.

电源线及连接器规格

Specification of Power Code and Connector

电源线规格：

UI3137 18AWG,RV-90 0.5mm² 颜色：黑、红、蓝、白、黄等；
注：以上规格任选，如有特殊要求，可由双方协商解决。



小家电用电机

厨下式垃圾粉碎机

Motor for Small Home Appliance



额定电压: 120V/220~240V
输出功率: 1/4HP~1HP

特征
分体式结构，结构简单
大扭矩，低成本

用途
厨下式垃圾粉碎机

代表机型特性
Features of Representative models

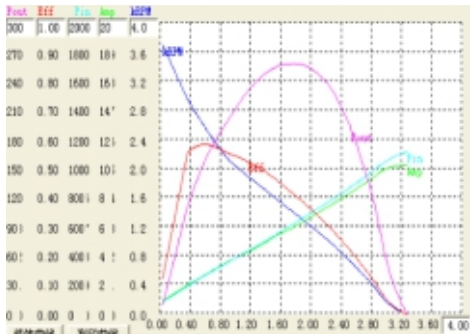
型号 Motor model	电源电压 Voltage	堵转性能 Stalling a motor performance		额定特性 Rated Performance			空载性能 No Load		温升 Heating Rise	噪音 Noise	输出功率 Output Power
		功率 Power	电流 Current	输入功率 Input Power	电流 Current	转速 Speed	电流 Current	功率 Power			
		W	A	W	A	rpm	A	W			
HCM-81-41	120V	40	—	—	—	4200	—	—	—	—	—
HCM-81-50	120V	40	—	—	—	4000	—	—	—	—	—

安装方式——内置



标准规格
环境温度 0℃—40℃ 绝缘等级 A级
安装方式 安装柱 防护等级 IP02

特性曲线



CONTACT US

联系我们

广东威灵电机制造有限公司

地址: 广东省佛山市顺德区北滘(窖)镇工业园兴业路27号
邮编: 528333
电话: +86-757-22329000
传真: +86-757-22297514
网址: www.gmcc-welling.com

GUANGDONG WELLING MOTOR MANUFACTURING CO., LTD.

Address: No. 27 Xingye Road, Beijiao Industrial Park,
Shunde, Foshan, Guangdong, P.R. China
Postcode: 528333
Tel: +86-757-22329000
Fax: +86-757-22297514
www.gmcc-welling.com

