江苏富天江电子电器有限公司

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F.G.L.S.

F.G.L.S.

江苏富天江电子电器有限公司

(F.G.L.S. ELECTRIC CO., LTD.)

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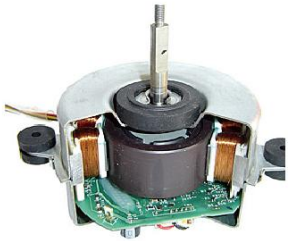
江苏富天江电子电器有限公司

Our products 我们的产品

—— 核“芯”科技
提供卓越动力



智能控制 /Intelligent control

采用当前国际上先进的正弦波驱动控制模块，驱动器内置，集成度高，适于智能控制领域。

Adopt the internationally advanced sine wave drive control module. The built-in drive is of high integration and suitable for intelligent control field.

高效环保 节能静音
It is efficient, environmentally friendly,energy-saving and mute.

产品效率高达83.5%～88%，为传统电机2倍以上，运行噪音低于35dB。

Product efficiency is as high as 83.5%~88%, which is more than 2 times than that of traditional motor and its noise is lower than 35dB.

卓越的性能 /Excellent performance

调速范围宽，转速范围100r/min～4000r/min，具有启动转矩大，启动电流小等特点。

It has a wide range in speed governing, from 100r/min to 4000r/min. Its advantages include big starting torque and small starting current.

企业简介
ompany profile

江苏富天江电子电器有限公司成立于2003年10月，投资总额2500万美元，注册资金1506万美元，由江苏三江电器集团股份有限公司与日本富士通（将军）株式会社共同出资，股份比例各50%。

公司占地面积5万平方米，建筑面积3万平方米，拥有各种先进生产设备400余台套，检验和试验设备200余台套，自动组装线10条，具备年产各类无刷直流电动机800万台的生产能力。公司还建有专门用于无刷直流电动机开发验证和可靠性试验的测试中心，检测范围覆盖无刷电动机标准全部项目。

公司专业生产各种无刷直流电动机和相关控制器，产品使用微处理器技术，驱动用最新技术开发而成的无刷电动机。产品具有工作效率高、耗材少、绿色环保等特点，并能满足终端产品智能化控制要求，可广泛应用于各类空调器、空气净化器、厨卫设施以及汽车冷却系统等领域。

公司聚集有中、日两国优秀的电动机研发、设计、制造专家，同时集中大批具有10年以上从业经验的技师队伍，他们将世界先进的电动机开发软件和控制电路设计软件运用在平时工作中，开发出具有世界先进水平的产品，同时运用先进的质量管理工具，确保产品可靠性，获得各项专利200余项，拥有无刷直流电动机制造行业的核心竞争优势。

自2010年起，公司被认定为国家高新技术企业和国家微特电机及控制产业重点骨干企业，20余个产品被认定为高新技术产品。

公司在生产经营活动中，一直认真贯彻执行ISO9001、ISO14001和ISO45001等管理体系标准，同时融合世界先进的管理模式和方法建立了公司文件化的管理体系，以规范和指导公司的各项经营活动，工作中博采众长，开拓创新，追求卓越，与时俱进。

富天江公司凭质量赢得市场，靠信誉把握未来，借产品扬名世界！

江苏富天江电子电器有限公司

F.G.LS. Electronic Co., Ltd. was established in October 2003 with a total investment of 25 million US dollars and a registered capital of 15.06 million US dollars. It is jointly funded by Jiangsu Sanjiang Electric Group Co., Ltd. and Japan Fujitsu (General) Co., Ltd. .

The company covers an area of 50,000 square meters and a construction area of 30,000 square meters. It has more than 400 sets of advanced production equipment, over 200 sets of inspection and test equipment, and 10 automatic assembly lines. It has an annual output capacity of 8 million various types of brushless DC motors. The company also has a test center dedicated to the development, verification and reliability testing of brushless DC motors. The testing range covers all the standards of brushless motors.

The company specializes in the production of various brushless DC motors and related controllers. The products use microprocessor technology to drive brushless motors with the latest technology. The products have the characteristics of high working efficiency, low consumables, green and environmental protection, etc., and can also meet the intelligent control requirements of terminal products. They can be widely used in various fields such as air conditioners, air purifiers, kitchen and bathroom facilities, and automobile cooling systems.

The company has excellent motor R&D, design and manufacturing experts from China and Japan. At the same time, there are a large number of technicians with more than 10 years of experience in the company. They use the world's advanced motor development software and control circuit design software in their daily work to develop products with world-class levels, and use advanced quality management tools to ensure product reliability. As a result, we have obtained more than 200 patents and the core competitive advantage of the brushless DC motor manufacturing industry.

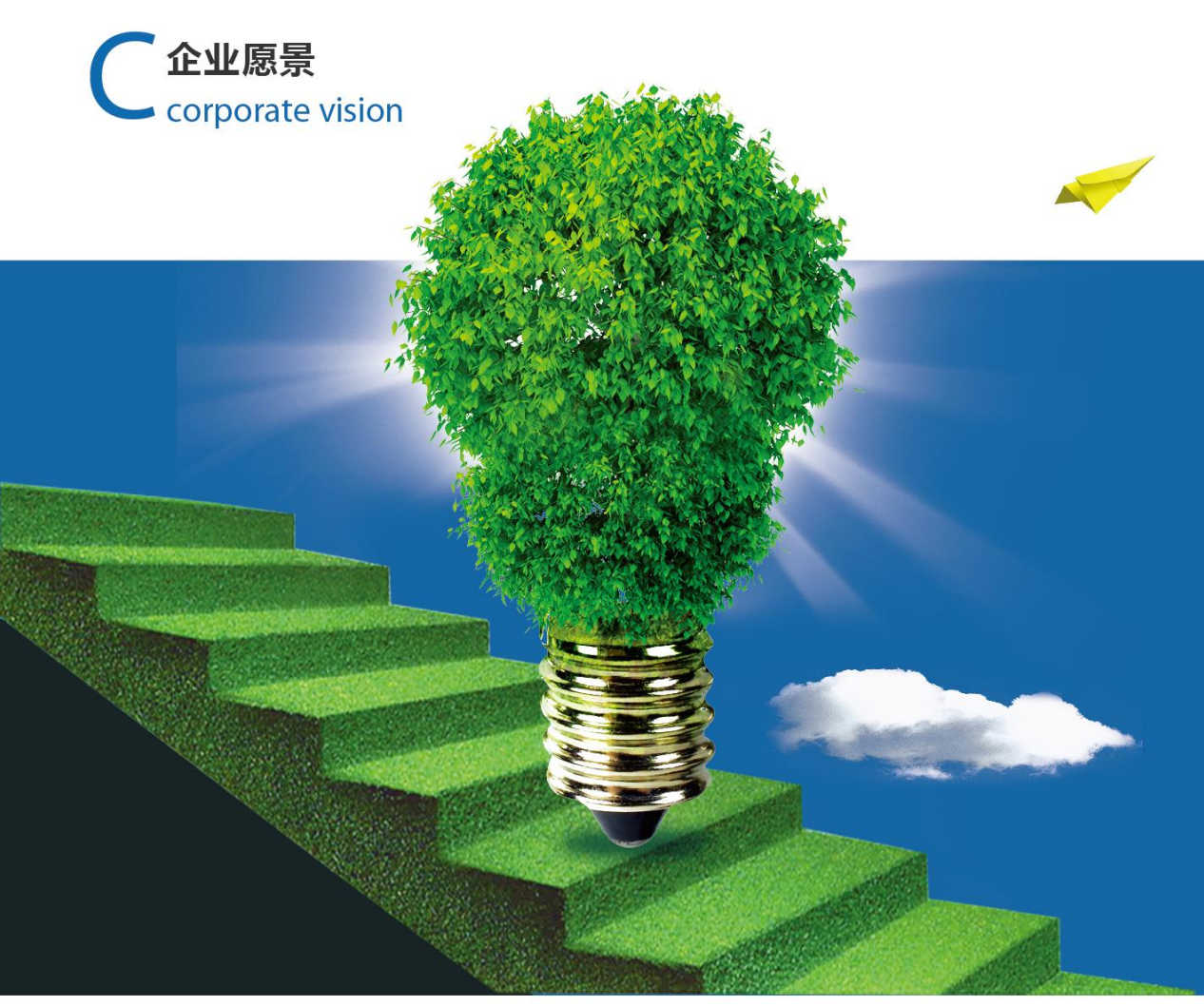
Since 2010, the company has been recognized as a national high-tech enterprise and a key backbone enterprise of the national micro-motor and control industry. More than 20 products have been identified as high-tech products.

In the production and operation activities, the company has been conscientiously implementing the ISO9001, ISO14001 and ISO45001 management system standards, and at the same time the company has integrated the world's advanced management models and methods to establish a company's documented management system to standardize and guide the company's various business activities. In the work, we will learn from others, develop and innovate, pursue excellence, and keep pace with the times.

The Company wins the market by quality, grasps the future by credit, and uses the products to make a name for the world!

江苏富天江电子电器有限公司

企业愿景
corporate vision



企业精神
Enterprise spirit

亲和、忠信、高效、奋进

Affinity, faithfulness, efficiency, and endeavor

企业目标
Enterprise's goal

建世界一流企业 创国际知名品牌

引领智能电机发展方向

Build a world-class enterprise and create an internationally renowned brand

Lead the development direction of intelligent motors

管理方针
Management policy

服务客户 精工制造 保护环境 节能降耗

杜绝事故 安康高效 遵章守法 改进提高

Serve customers, exquisite manufacture, protect the environment, save energy and reduce consumption

Eliminate accidents, safe and efficient, follow laws and regulations, improve and enhance

超越创新智慧创造新动力

奉献给世界的每一件产品

有益于生态环境不断改善

有助于人们温馨家园建设

Beyond innovation and wisdom, create new power

Dedicated to every product in the world

Conducive to continuous improvement of the ecological environment

Help people build a warm home

经营理念
Business philosophy

靠优质的产品开拓市场

以至诚的服务赢得顾客

凭永恒的创新把握未来

Develop markets with quality products

Win customers with sincere service

Grasp the future with eternal innovation

D 发展历程 evelopment path

2004

2004.4 设备安装调试完毕，开始试生产；
After the equipment was installed and commissioned, trial production began;
2004.6 开始量产，并举行首批产品供货仪式；
Mass production began, and the first batch of product delivery ceremony was held;
2004.9 被国家科技部命名为《国家微特电机及控制产业重点骨干企业》《国家高新技术企业》；
Company was named by the Ministry of Science and Technology as "National Key Enterprise in small and special machines and controlling industry" and "National High-Tech Enterprise";
2004.12 举行隆重的开工庆典；
The grand opening ceremony was held;

2003

2003.8 中日投资方签订合作意向书；
Chinese and Japanese investors signed a letter of intent for cooperation;
2003.10 在日本东京签订合资办厂合同；
Signed a joint venture factory contract in Tokyo, Japan;
2003.12 公司正式挂牌成立；
Company was formally established;

2018

2018.12 中日双方开启二期合作
Chinese and Japanese investors open phase II cooperation

2016

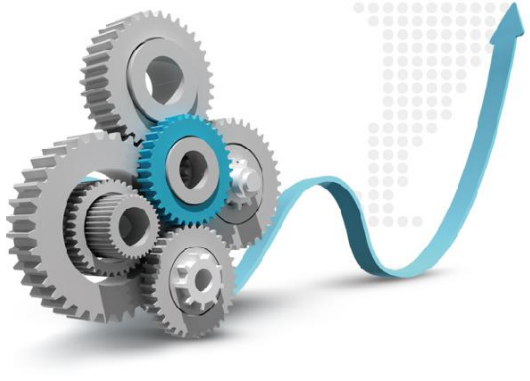
2016.8 日本通士通将军高层访问公司，调研二期增资扩产事宜；
Senior management of Fujitsu (General) visited the company to investigate the second phase of capital increase and expansion;
2016.11 中日双方"增资扩产"项目正式实施
Project called "increase capital and expand production" China and Japan sides is officially implemented

2010

2010.9 通过高新技术企业认定；
Confirmed by high-tech enterprises;

2005-2006

2005.7 公司获得质量管理体系和环境管理体系证书；
The company obtained the quality management system and environmental management system certificate;
2006.5 公司获得职业安全与健康管理体系证书；
The company obtained the certificate of occupational safety and health management system;



G 地理位置 eographical position

"长江之水通江户，珠穆峰连富士山"，公司位于江苏省靖江市，襟江近海，三面环江，东临上海，西接南京，境内京沪、宁通等多条高速纵横交错，周边高铁、国际机场星罗棋布，地理位置优越，交通便捷。

"The flowing Yangtze River reaches Edo and Mount Everest is connected to Mount Fuji". Our company is located in Jingjiang City, Jiangsu Province, which is near the Yangtze River and several seas. The city is surrounded by the Yangtze River on three sides, with Shanghai to the east, and Nanjing to the west. The city is crisscrossed with several expressways like Beijing-Shanghai Expressway and The Shanghai-Shaanxi expressway and dotted with many high-speed railway stations and international airports. To sum up, Jingjiang City has excellent geographical position and convenient transportation.

O 组织机构
rganizational structure

E 企业荣誉
nterprise honor

P 生产及检测设备
roduction and Testing equipment

装配流水线

螺丝自动安装站

自动导通片安装线

江苏富天江电子电器有限公司

高新技术 绿色环保

1、静电试验仪　2、冲击试验机　3、荧谱分析仪　4、寿命试验架　5、频谱分析仪　6、数码显微系统

应用在不同领域中的富天江电机列表
Motor List Applied in Different Fields

产品种类 Product categories	定子铁芯尺寸 Stator core size	外壳 Enclosure	型号 Model No.	输出功率 Output power	挂壁式空调（室内）Air conditioner(Indoor)	挂壁空调（室外）Air conditioner(Outdoor)	中央空调（室内盘管机）Air conditioner(Duct)	小型商用中央空调（室内吸顶式）Small commercial central air conditioner (Ceiling)	大型商用中央空调VRF多联机系统（室外）Large commercial central air conditioner VRF (Outdoor)	大型商用中央空调VRF多联机系统（室内盘管机）Large commercial central air conditioner VRF (Duct)	浴室换气机 Bathroom Ventilator	空气净化器 Air purifier	面包机 Bread machine	除湿机 Dehumidifier	热泵空调（室外机）Heat Pump air conditioner (Outdoor)
无刷直流电动机系列 Brushless DC Fan Motor Series	Φ89	钢板(Steel)	FSDC015-016	30-50W	●										
	Φ89	BMC+钢板(Steel)	FSDC018-030	20-70W	●	●					●	●		●	
	Φ95	钢板(Steel)	FSDC001-012 FSDC014	25-120W		●	●	●							
	Φ95	BMC+钢板（Steel）	FSDC031 FSDC036-037	25-120W		●									●
	Φ107.5	BMC+铸铝（Al）	FSDC032-035	45-150W				●							
	Φ107.5	BMC+钢板（Steel）	FSDC038	120W											●
	Φ112	钢板(Steel)	FSDC013	80-150W				●					●		
	Φ178	BMC+铸铝(Al)	FSDC039-043	300-1100W					●	●					
交流风扇电机 AC Fan Motor	Φ89	钢板(Steel)	FSAC017	13W	●										

典型应用 Typical application

无刷直流风扇电机Φ95
Brushless DC Fan Motor

产品图 | Product picture

高效 High Efficiency

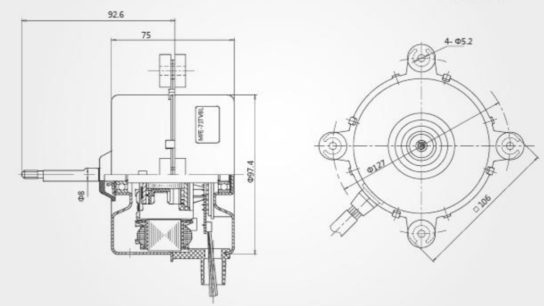
低噪 Low Noise Type

用途 | Purpose

室外空调风扇用 Using for outdoor AC fan

尺寸 | Dimensions

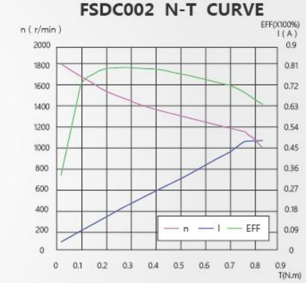
Unit:mm



技术规格 | Specification

类　　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
外　　壳：钢板	Enclosure: Steel
转　　子：塑磁铁氧体	Rotor: Plastic magnet ferrite
定　　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC002 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC001	8	27	DC280±10%	74.44	800
FSDC002	8	49	DC380±10%	81.00	1000
FSDC003	8	54	DC360±10%	78.00	1100

无刷直流风扇电机Φ95

Brushless DC Fan Motor

产品图 | Product picture

高效 High Efficiency

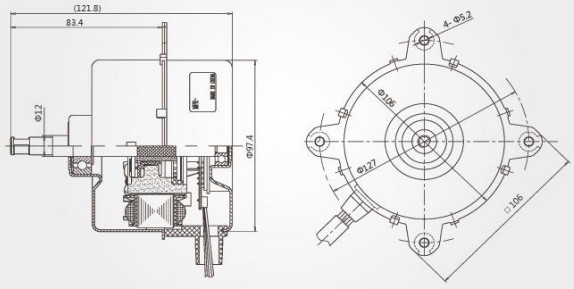
低噪 Low Noise Type

用 途 | Purpose

室外空调风扇用 Using for outdoor AC fan

尺 寸 | Dimensions

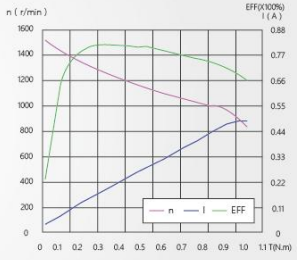
Unit:mm



技术规格 | Specification

类　型	无刷直流电动机	Type: Brushless DC Motor
绝缘等级	E 级	Insulation class: Class E
外　壳	钢板	Enclosure: Steel
转　子	塑磁铁氧体	Rotor: Plastic magnet ferrite
定　子	电磁钢板	Stator: Silicon steel
控制方式	PWM脉宽调制	Control mode: Pulse Width modulation
通电方式	180°正弦波驱动	Conduct mode: 180°Sine wave modulation
反馈信号	12PPR	Feedback signal: 12PPR
安装姿势	水平	Mounting method: Horizontal

FSDC004 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC004	8	80	DC280±10%	75.6	1100

无刷直流风扇电机Φ95(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

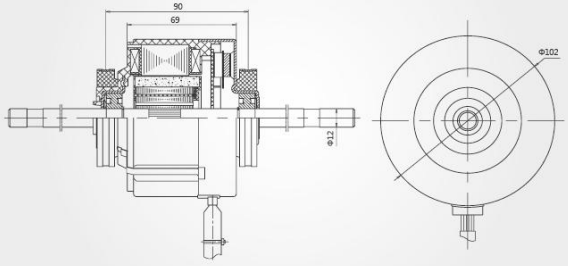
低噪 Low Noise Type

用 途 | Purpose

中央空调室内盘管风机用 Using for Central AC indoor duct fan

尺 寸 | Dimensions

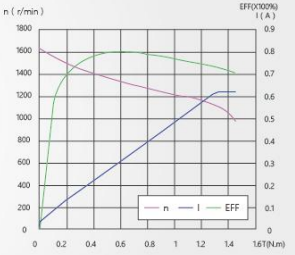
Unit:mm



技术规格 | Specification

类　型	无刷直流电动机	Type: Brushless DC Motor
绝缘等级	E 级	Insulation class: Class E
防电腐蚀	SUS导通板	Anti-E corrosion: SUS conductive sheet
外　壳	BMC+钢板端盖	Enclosure: BMC+ Steel
转　子	烧结铁氧体绝缘转子	Rotor: Sintered ferrite magnet insulated rotor
定　子	电磁钢板	Stator: Silicon steel
控制方式	PWM脉宽调制	Control mode: Pulse Width modulation
通电方式	180°正弦波驱动	Conduct mode: 180°Sine wave modulation
反馈信号	12PPR	Feedback signal: 12PPR
安装姿势	水平	Mounting method: Horizontal

FSDC005 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC005	8	84	DC280±10%	80	1300

无刷直流风扇电机Φ95
Brushless DC Fan Motor

产品图 | Product picture

高效 High Efficiency

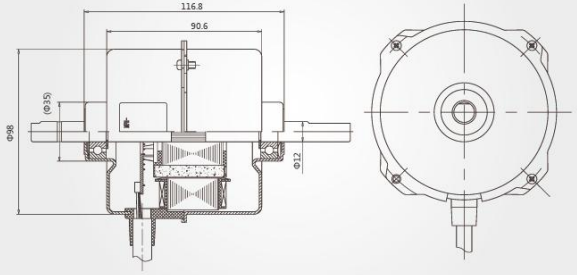
低噪 Low Noise Type

用 途 | Purpose

中央空调室内盘管风机用 Using for Central AC indoor duct fan

尺 寸 | Dimensions

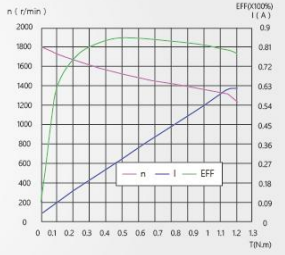
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
外　壳：钢板	Enclosure: Steel
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC009 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor
FSDC006	8	75	DC340±10%	76.90	1700	塑磁铁氧体
FSDC007	8	80	DC340±10%	76.98	1700	塑磁铁氧体
FSDC008	8	81	DC340±10%	81.31	1860	烧结铁氧体
FSDC009	8	100	DC340±10%	84.39	1350	烧结铁氧体
FSDC010	8	106	DC340±10%	81.69	1350	烧结铁氧体

江苏富天江电子电器有限公司

无刷直流风扇电机Φ95
Brushless DC Fan Motor

产品图 | Product picture

高效 High Efficiency

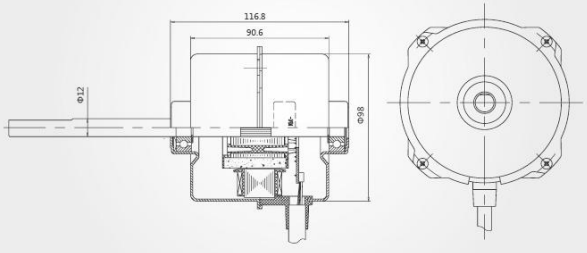
低噪 Low Noise Type

用 途 | Purpose

中央空调室内盘管风机用 Using for Central AC indoor duct fan

尺 寸 | Dimensions

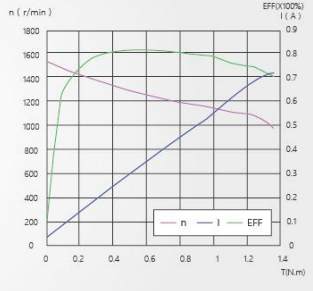
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
外　壳：钢板	Enclosure: Steel
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC012 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor
FSDC011	8	80	DC340±10%	76.98	1700	塑磁铁氧体
FSDC012	8	106	DC340±10%	81.69	1350	烧结铁氧体

无刷直流风扇电机Φ112
Brushless DC Fan Motor

产品图 | Product picture

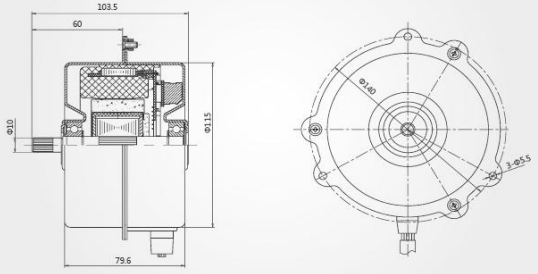
高效 High Efficiency　　低噪 Low Noise Type

用 途 | Purpose

面包机搅拌用 Using for bread mixer

尺 寸 | Dimensions

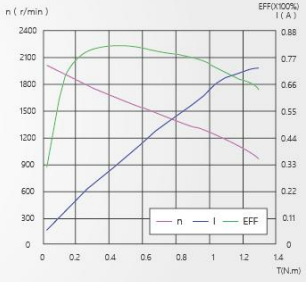
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
外　壳：钢板	Enclosure: Steel
转　子：塑磁铁氧体	Rotor: Plastic magnet ferrite
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：180°正弦波驱动	Conduct mode: 180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC013 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC013	8	120	DC310±10%	82.44	1200

无刷直流风扇电机Φ95
Brushless DC Fan Motor

产品图 | Product picture

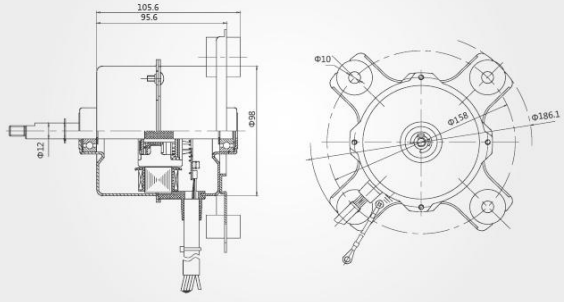
高效 High Efficiency　　低噪 Low Noise Type

用 途 | Purpose

天井空调风扇用 Using for Patio AC fan

尺 寸 | Dimensions

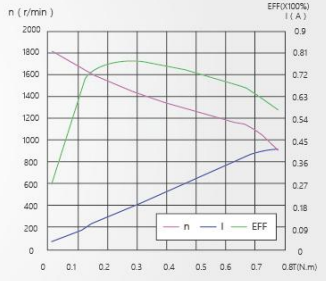
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
外　壳：钢板	Enclosure: Steel
转　子：塑磁铁氧体	Rotor: Plastic magnet ferrite
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：180°正弦波驱动	Conduct mode: 180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC014 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC014	8	30	DC310±10%	77.89	850

无刷直流风扇电机Φ89
Brushless DC Fan Motor

产品图 | Product picture

高效 High Efficiency

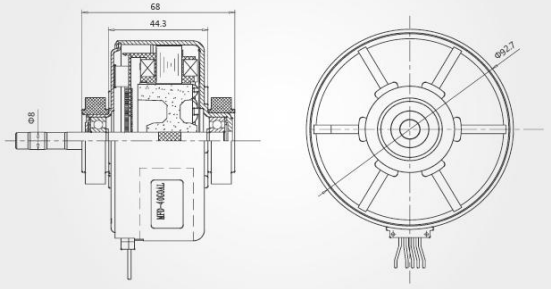
低噪 Low Noise Type

用 途 | Purpose

室内空调风扇用 Using for indoor Air Conditioner fan

尺 寸 | Dimensions

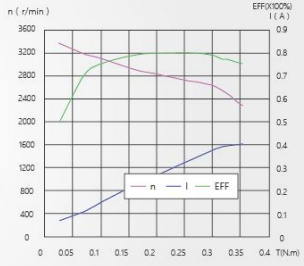
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机　Type: Brushless DC Motor
绝缘等级：E 级　Insulation class: Class E
外　壳：钢板　Enclosure: Steel
转　子：塑磁铁氧体　Rotor: Plastic magnet ferrite
定　子：电磁钢板　Stator: Silicon steel
控制方式：PWM脉宽调制　Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动　Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR　Feedback signal: 12PPR
安装姿势：水平　Mounting method: Horizontal

FSDC016 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC015	8	34	DC140±10%	73.92	1700
FSDC016	8	34	DC280±10%	79.91	1700

交流风扇电机Φ89
AC Fan Motor

产品图 | Product picture

相位控制 Phase Control

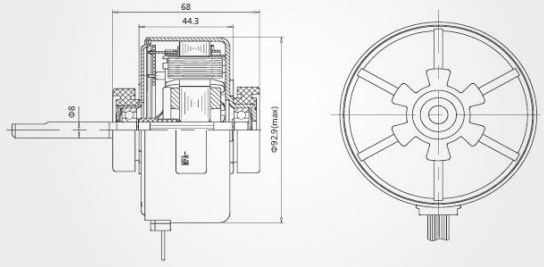
低噪 Low Noise Type

用 途 | Purpose

室内空调风扇用 Using for indoor Air Conditioner fan

尺 寸 | Dimensions

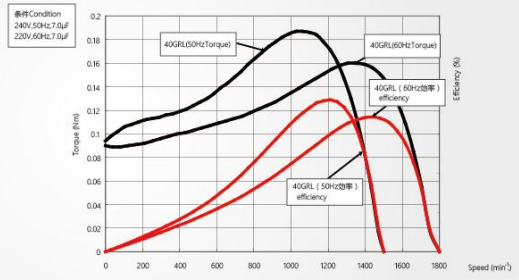
Unit:mm



技术规格 | Specification

类　型：电容运转式电动机　Type: Capacitor operating motor
绝缘等级：E 级　Insulation class: Class E
外　壳：钢端盖　Enclosure: Steel brackets
安装姿势：水平　Mouting method: Horizontal

FSAC017 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Frequency(Hz) 频率	Rated Speed(r/min) 额定转速
FSAC017	4	13	AC200-240	50/60	1300

无刷直流风扇电机Φ89(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

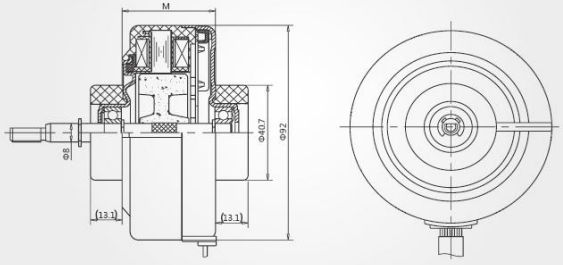
低噪 Low Noise Type

用 途 | Purpose

浴室换气风扇用 Using for the Bathroom air exchange fan

尺 寸 | Dimensions

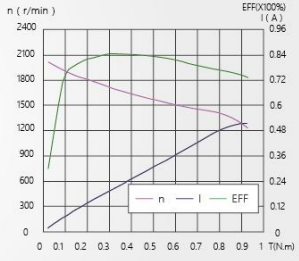
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
防电腐蚀：SUS导通板	Anti-E corrosion: SUS conductive sheet
外　壳：BMC+钢板端盖	Enclosure: BMC+Steel brackets
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC021 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor	尺寸M
FSDC018	8	34	DC140±10%	73.37	1600	塑磁铁氧体	38
FSDC019	8	36	DC280±10%	74.42	1510	烧结铁氧体	38
FSDC020	8	45	DC310±10%	81.76	1200	烧结铁氧体	42.6
FSDC021	8	68	DC310±10%	85.12	1200	烧结铁氧体	52

江苏富天江电子电器有限公司

无刷直流风扇电机Φ89(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

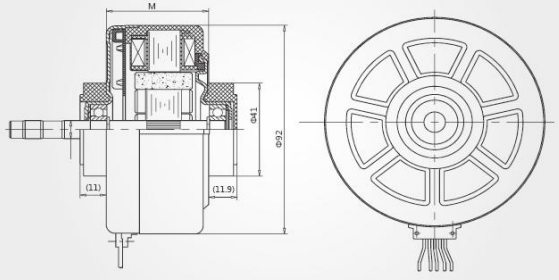
低噪 Low Noise Type

用 途 | Purpose

室内空调风扇用 Using for indoor Air Conditioner fan

尺 寸 | Dimensions

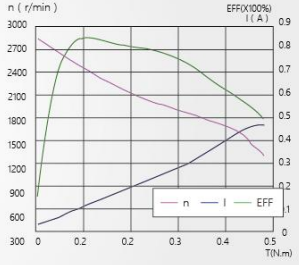
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
防电腐蚀：SUS导通板	Anti-E corrosion: SUS conductive sheet
外　壳：BMC+钢板端盖	Enclosure: BMC+Steel brackets
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC022 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor	尺寸M
FSDC022	8	36	DC280-340	84.79	1510	塑磁铁氧体	38
FSDC023	8	35	DC280-340	76.41	1600	塑磁铁氧体	42
FSDC024	8	64	DC280±10%	79.67	1620	烧结铁氧体	42.9
FSDC025	8	68	DC310±10%	85.12	1200	烧结铁氧体	52

无刷直流风扇电机Φ89(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

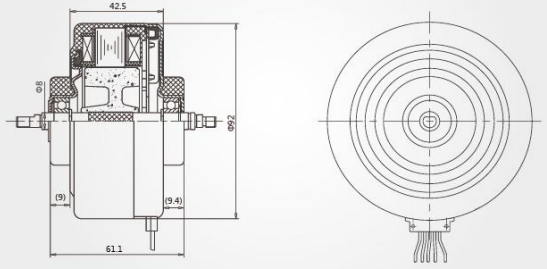
低噪 Low Noise Type

用 途 | Purpose

除湿机用 Using for the dehumidifier motor

尺 寸 | Dimensions

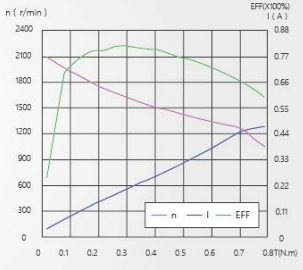
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
外　壳：BMC+钢板端盖	Enclosure: BMC+Steel brackets
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC026 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor
FSDC026	8	50	DC140±10%	75.37	1490	塑磁铁氧体
FSDC027	8	45	DC310±10%	81.76	1200	烧结铁氧体

江苏富天江电子电器有限公司

无刷直流风扇电机Φ89(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

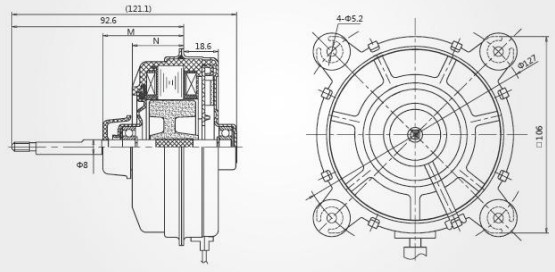
低噪 Low Noise Type

用 途 | Purpose

室外空调风扇用 Using for outdoor Air Conditioner fan

尺 寸 | Dimensions

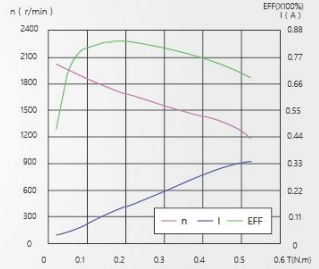
Unit:mm



技术规格 | Specification

类　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
防电腐蚀：SUS导通板	Anti-E corrosion: SUS conductive sheet
外　壳：BMC+钢板端盖	Enclosure: BMC+Steel brackets
转　子：塑磁铁氧体	Rotor: Plastic magnet ferrite
定　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC029 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	尺寸M	尺寸N
FSDC028	8	23	DC280±10%	84.00	800	43.6	27.7
FSDC029	8	37	DC280±10%	83.84	800	47	32.7

无刷直流风扇电机Φ89/Φ95(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

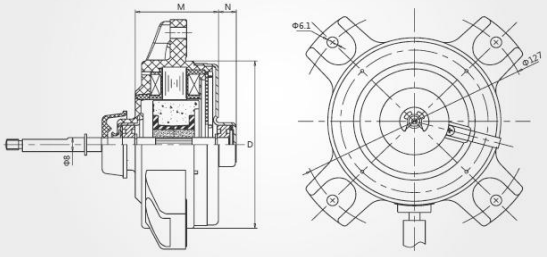
低噪 Low Noise Type

用 途 | Purpose

室外空调风扇用 Using for outdoor Air Conditioner

尺 寸 | Dimensions

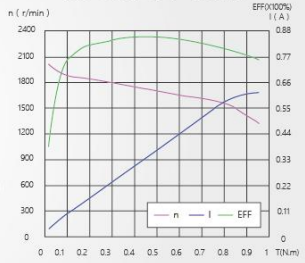
Unit:mm



技术规格 | Specification

类　　型	无刷直流电动机	Type: Brushless DC Motor
绝缘等级	E 级	Insulation class: Class E
防电腐蚀	SUS导通板	Anti-E corrosion: SUS conductive sheet
外　　壳	BMC+钢板端盖	Enclosure: BMC+Steel brackets
定　　子	电磁钢板	Stator: Silicon steel
控制方式	PWM脉宽调制	Control mode: Pulse Width modulation
通电方式	120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号	12PPR	Feedback signal: 12PPR
安装姿势	水平	Mounting method: Horizontal

FSDC031 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor	尺寸M	尺寸N	尺寸D
FSDC030	8	23	DC280±10%	81.5	800	塑磁铁氧体	46.4	9.8	φ95
FSDC031	8	49	DC380±10%	85	1000	烧结铁氧体	54	10.5	φ100

无刷直流风扇电机Φ107.5(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

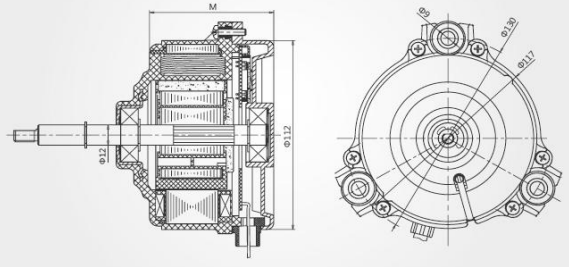
低噪 Low Noise Type

用 途 | Purpose

吸顶式空调室内机风扇用 Using for the Ceiling Air condition indoor Fan

尺 寸 | Dimensions

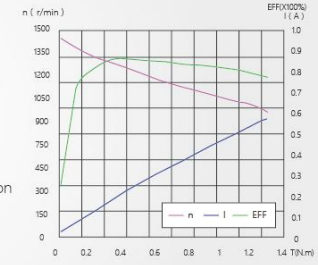
Unit:mm



技术规格 | Specification

类　　型	无刷直流电动机	Type: Brushless DC Motor
绝缘等级	E 级	Insulation class: Class E
防电腐蚀	SUS导通板	Anti-E corrosion: SUS conductive sheet
外　　壳	BMC+铝端盖	Enclosure: BMC+Aluminium bracket
定　　子	电磁钢板	Stator: Silicon steel
控制方式	PWM脉宽调制	Control mode: Pulse Width modulation
通电方式	120°/180°正弦波驱动	Conduct mode: 120°/180°Sine wave modulation
反馈信号	12PPR	Feedback signal: 12PPR
安装姿势	垂直向下	Mounting method: vertically downward

FSDC035 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速	转子Rotor	尺寸M
FSDC032	8	45	DC310±10%	83.75	1200	烧结铁氧体	67.5
FSDC033	8	60	DC310±10%	85.45	700	烧结铁氧体	71.5
FSDC034	8	81	DC380±10%	85.40	730	烧结铁氧体	71.5
FSDC035	8	90	DC310±10%	86.78	700	烧结铁氧体	71.5

无刷直流风扇电机Φ95(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

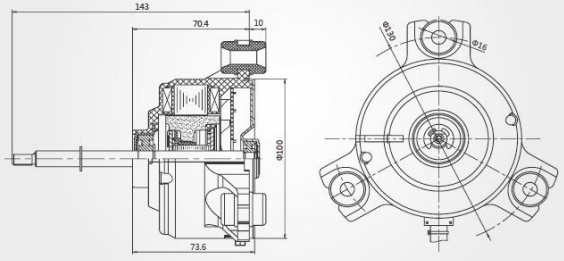
低噪 Low Noise Type

用 途 | Purpose

吸顶式空调室内机风扇用 Using for the Ceiling Air condition indoor Fan

尺 寸 | Dimensions

Unit:mm

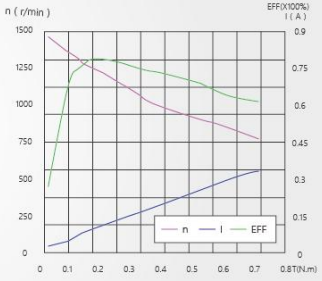


技术规格 | Specification

类　　型：无刷直流电动机
绝缘等级：E 级
防电腐蚀：SUS导通板
外　　壳：BMC+钢板端盖
转　　子：塑磁铁氧体
定　　子：电磁钢板
控制方式：PWM脉宽调制
通电方式：180°正弦波驱动
反馈信号：12PPR
安装姿势：垂直向下

Type: Brushless DC Motor
Insulation class: Class E
Anti-E corrosion: SUS conductive sheet
Enclosure: BMC+Steel brackets
Rotor: Plastic magnet ferrite
Stator: Silicon steel
Control mode: Pulse Width modulation
Conduct mode: 180°Sine wave modulation
Feedback signal: 12PPR
Mounting method: vertically downward

FSDC036 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC036	8	54	DC360±10%	78.62	1100

江苏富天江电子电器有限公司

无刷直流风扇电机Φ95(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

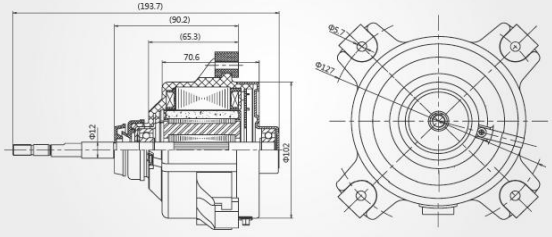
低噪 Low Noise Type

用 途 | Purpose

室外风扇送风用 Using for outdoor Air Conditioner fan

尺 寸 | Dimensions

Unit:mm

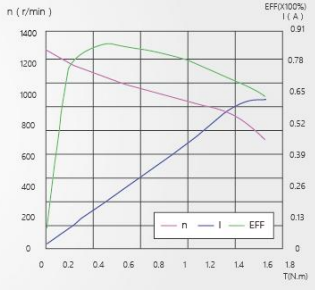


技术规格 | Specification

类　　型：无刷直流电动机
绝缘等级：E 级
防电腐蚀：SUS导通板
外　　壳：BMC+钢板端盖
转　　子：烧结铁氧体
定　　子：电磁钢板
控制方式：PWM脉宽调制
通电方式：180°正弦波驱动
反馈信号：12PPR
安装姿势：水平

Type: Brushless DC Motor
Insulation class: Class E
Anti-E corrosion: SUS conductive sheet
Enclosure: BMC+Steel brackets
Rotor: Sintered ferrite magnet
Stator: Silicon steel
Control mode: Pulse Width modulation
Conduct mode: 180°Sine wave modulation
Feedback signal: 12PPR
Mounting method: Horizontal

FSDC037 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC037	8	120	DC310±10%	85.21	800

无刷直流风扇电机Φ107.5（塑封结构）

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

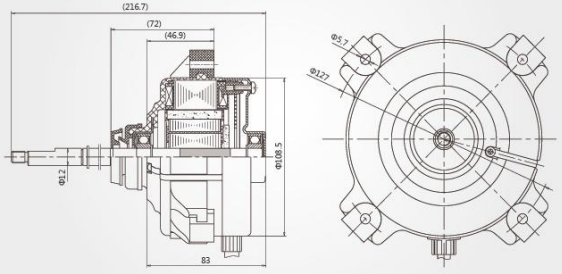
低噪 Low Noise Type

用 途 | Purpose

热泵风扇送风用 Using for heat pump fan

尺 寸 | Dimensions

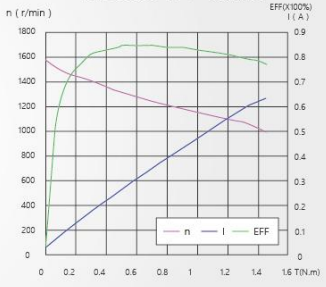
Unit:mm



技术规格 | Specification

类型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
防电腐蚀：SUS导通板	Anti-E corrosion: SUS conductive sheet
外　　壳：BMC+钢板端盖	Enclosure: BMC+Steel brackets
转　　子：烧结铁氧体	Rotor: Sintered ferrite magnet
定　　子：电磁钢板	Stator: Silicon steel
控制方式：PWM脉宽调制	Control mode: Pulse Width modulation
通电方式：180°正弦波驱动	Conduct mode: 180°Sine wave modulation
反馈信号：12PPR	Feedback signal: 12PPR
安装姿势：水平	Mounting method: Horizontal

FSDC038 N-T CURVE



性能参数 | Parameter

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC038	8	120	DC310±10%	85.24	1200

无刷直流风扇电机Φ178(塑封结构)

Brushless DC Fan Motor (Mold)

产品图 | Product picture

高效 High Efficiency

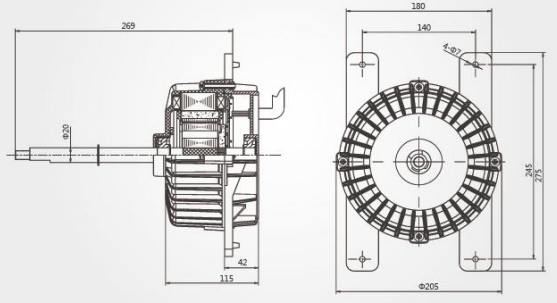
低噪 Low Noise Type

用 途 | Purpose

VRF系统室外风扇送风用 Using for VRF outdoor Air Conditioner fan

尺 寸 | Dimensions

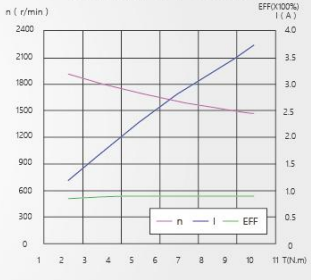
Unit:mm



技术规格 | Specification

类　　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
防电腐蚀：SUS导通板	Anti-E corrosion: SUS conductive sheet
外　　壳：BMC+铸铝	Enclosure: BMC+ Cast AL
转　　子：烧结铁氧体绝缘转子	Rotor: Sintered ferrite magnet insulated rotor
定　　子：电磁钢板	Stator: Silicon steel
控制方式：驱动器外置	Control mode: PCB outside
安装姿势：水平	Mounting method: Horizontal

FSDC042 N-T CURVE



性能参数(典型值) | Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC039	8	560	DC310±10%	84.26	1480
FSDC040	8	700	DC310±10%	86.79	850
FSDC041	8	750	DC560±10%	88.89	1300
FSDC042	8	920	DC560±10%	90.1	1070

无刷直流风扇电机Φ178(塑封结构)

Brushless DC Fan Motor (Mold)

产品图/Product picture

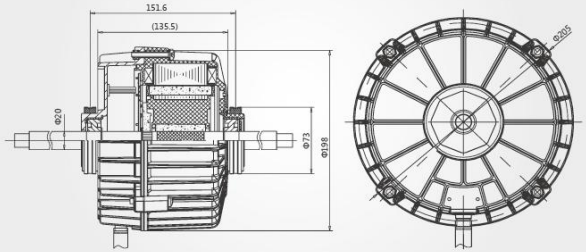
高效 High Efficiency

低噪 Low Noise Type

用途/Purpose

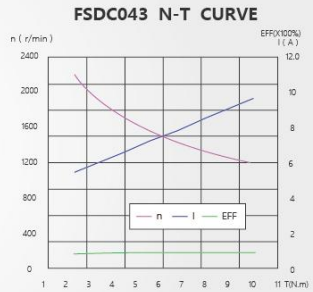
大型商场室内盘管风机用 Using for Mall indoor duct fan

尺寸/Dimensions



技术规格/Specification

类　　型：无刷直流电动机	Type: Brushless DC Motor
绝缘等级：E 级	Insulation class: Class E
防电腐蚀：SUS导通板	Anti-E corrosion: SUS conductive sheet
外　　壳：BMC+铸铝	Enclosure: BMC+ Cast AL
转　　子：烧结铁氧体绝缘转子	Rotor: Sintered ferrite magnet insulated rotor
定　　子：电磁钢板	Stator: Silicon steel
控制方式：驱动器外置	Control mode: PCB outside
安装姿势：水平	Mounting method: Horizontal



性能参数(典型值)/Parameter (typ.)

Model No. 型号	Poles 极数	Output (W) 输出功率	Volt. (V) 电压	Max EFF 最大效率(%)	Rated Speed(r/min) 额定转速
FSDC043	8	1100	DC280±10%	86.21	1490

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