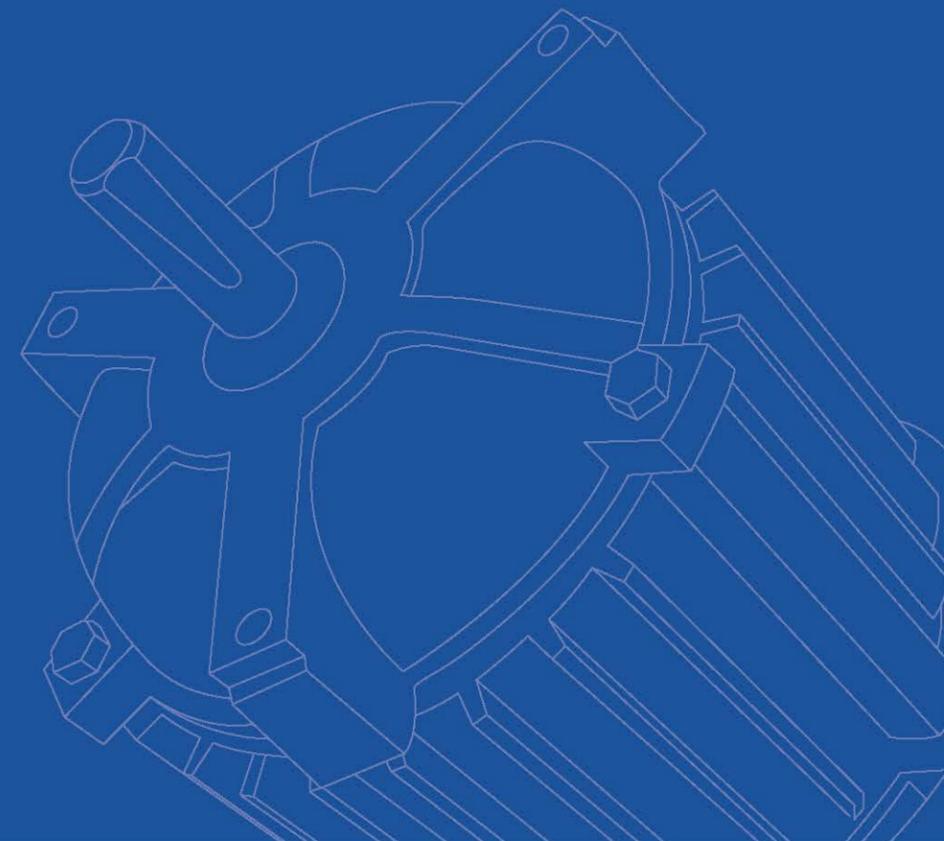


CONTENTS

目录



Company Introduction
01 公司介绍



Qualifications and Honors
02 资质荣誉



Automation Equipment
05 自动化设备



Staff Style
06 员工风采



History of Electric Motors
03 电机发展史



Production Line
04 生产线



Product Parameters
07 产品参数



COMPANY INTRODUCTION

公司介绍

徐州巨嵩有限公司成立于2009年5月,占地120亩,拥有现代化厂房60000平方米及105+自动化、智能化检测、生产设备,具备年产400万台套低速新能源车驱动电机、差速器及后桥生产保证能力,形成规模化、智能化、数字化的研发、生产、销售于一体的全面经营管理体系。公司严格按照ISO9001质量体系组织生产和管理,全面通过国家TS16949认证。其享有“国家级高新技术企业”、“科技创新型企业”、“江苏省工程技术研究中心”“江苏省省专精特新企业”“国家级专精特新小巨人企业”“两化融合企业”“五星上云企业”并荣获“新进成长先锋企业”等荣誉称号。

公司管理团队由从事新能源低速行业10年以上精英组成,其中本科以上学历各类工程师、技术、工艺、检测人员占公司总人数5%,以“高科技、高质量、高价值、低成本”创新发展经营理念,推动驱动系统向“高效化、绿色化、集约化”等创新升级。

Xuzhou Jisong Co., Ltd. was established in May 2009, with a modern workshop of 30,000 square meters and 105+ automation, intelligent production equipment and testing equipment, with an annual output of 4 million sets of low-speed new energy vehicle drive motor, differential and rear axle production guarantee capacity. Form a large-scale, intelligent, digital R & D, production, sales in one of the comprehensive management system. The company organizes production and management in strict accordance with ISO9001 quality system, and has passed the national TS16949 certification. It enjoys the honorary titles of "National high-tech Enterprise", "Science and Technology Innovative Enterprise", "Jiangsu Engineering Technology Research Center", "Jiangsu Province specialized and special new Enterprise", "National specialized and special new small Giant Enterprise", "Integration of two enterprises", "five-star cloud Enterprise" and "New growth Pioneer Enterprise".

The company has more than 1200 employees, the company's management team is composed of elites engaged in the new energy low-speed industry for more than 10 years, including more than 60 undergraduate engineers, technology, process and testing personnel, with "high-tech, high quality, high value, low cost" innovation and development business philosophy, to promote the drive system to "high efficiency, green, intensive" innovation and upgrading. To complement the chain, extend the chain, and contribute wisdom and strength to the new value of the future.

120+

公司占地120亩
The company covers an area of nearly 120 acres

6W+

现代化厂房60000平方米
Modern factory building 60,000 square meters

400W+

具备年产400万台套
With an annual production capacity of 4 million sets

10+

由从事新能源低速行业10年以上精英组成
It is composed of elites who have been engaged in the new energy low-speed industry for more than 10 years.

5%+

本科以上学历占公司总人数5%
Employees with bachelor's degree or above account for 5% of the total number of employees in the company

可靠耐用,提升车辆使用寿命,降低使用成本。
Reliable and durable, improve the usage time of vehicles, reduce the cost of use.



体积小,重量轻,功率密度大,节约车辆空间,便于安装。
Small size, light weight, high power density, save space, easy to install.



调速范围宽、再生制动效果好、转动惯性小、动态响应时间短,提高车辆的操纵性能。

Wide speed range, good regenerative braking effect, small rotational inertia short dynamic response time, improve vehicle handling performance.



转矩波动小、噪音低、启动平滑,驾驶的舒适性高。
small torque fluctuation, low noise, smoothly starting,, more comfortable for driver.



启动扭矩大,提升爬坡能力,适应各种地形。
Large torque, strong climbing ability, adapt to various terrains.



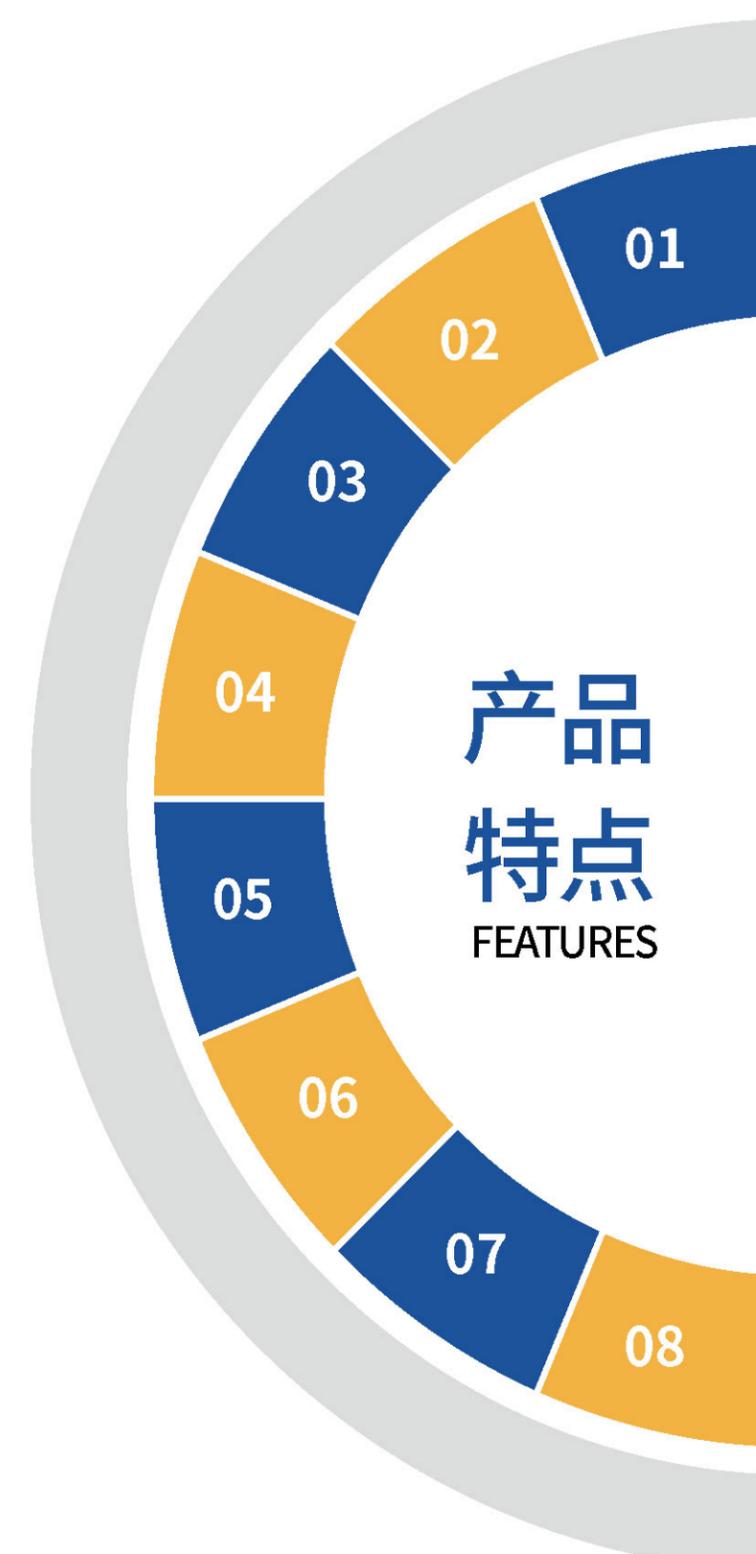
过载能力强,增强负载能力与稳定性,载重更多。
Strong loading capacity, Higher stationarity and more loading.



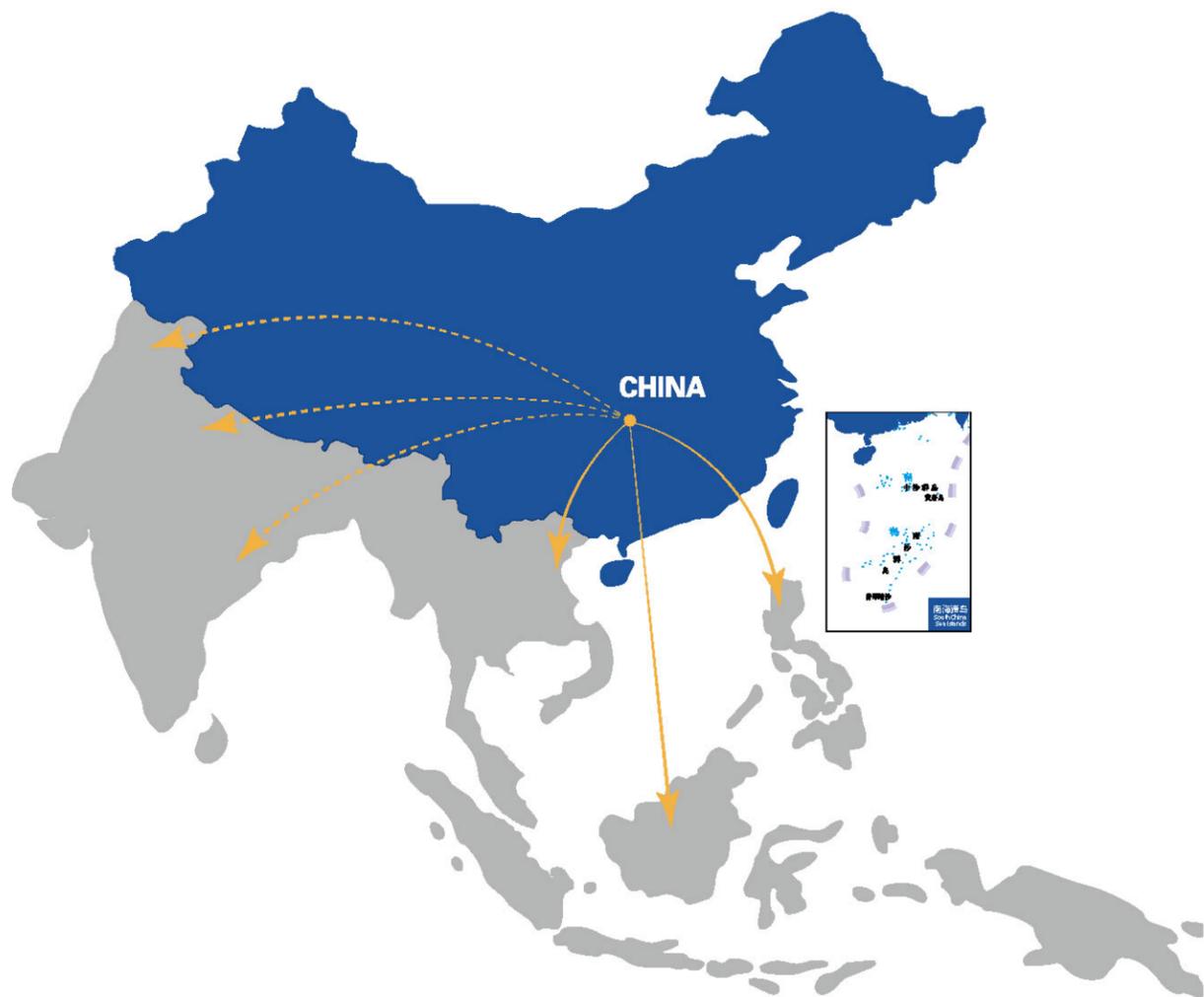
高效节能,降低运行电流,提升续航里程。
High efficiency and energy saving, reduce operating current, and raise the endurance mileage.



结构简单,便于安装和维护。
The structure is simple and easy to install and debug.



产品特点
FEATURES



公司产品销往全国各地及东南亚各国,与国内线品牌电动车辆制造商建立了长期稳定的-公战略合作伙伴关系。主要合作的厂家有五征富路、爱玛、步步先、小刀、小鸟、百事利、凤凰、宗申、台铃、速派奇等。秉持“合作、发展、共赢的理念,以“精细严谨、务实创新”的企业价值观!坚持“以质量求生存以产品求发展”的宗旨,服务客户,服务社会,诚邀社会各界有识之士携手共创我们的宏伟蓝图。

The company's products are sold all over the country and Southeast Asian countries, and it has established a long-term and stable public-private strategic partnership with domestic first-line brand electric vehicle manufacturers. The main cooperating manufacturers include Wuzheng Fulu, Emma, Bubuxian, Xiaodao, Xiaoniao, Baishi-li, Phoenix, Zongshen, Tailing, and Subaqi. Adhering to the concept of "cooperation, development, and win-win", the core values of "technological innovation, honesty and pragmatism, customer-oriented, and pursuit of excellence", and the purpose of "survival by quality and development by products", we serve customers and the society, and sincerely invite people of insight from all walks of life to work together to create our grand blueprint.

STRATEGIC PARTNERS

战略伙伴

部分合作伙伴 Some partners



• 排名不分先后 Ranked in no particular order



QUALIFICATIONS AND HONORS

资质荣誉

30+ 资质证书



50+ 专利证书



高新技术企业证书



诚信经营优秀单位



示范单位



江苏质量信得过企业



推荐商品



在现代社会中,电能是现代社会最主要的能源之一。在电能的生产、输送和使用等方面,电机起着重要的作用。从19世纪30年代法拉第发明了世界上第一台真正意义上的电机--法拉第圆盘发电机开始,到现在21世纪10年代,电机的发展已经经过了近200年的历史。

In modern society, electric energy is one of the most important energy sources. Electric motors play an important role in the production, transmission and use of electric energy. From the 1830s when Faraday invented the world's first real electric motor, the Faraday disc generator, to the 2010s, the development of electric motors has gone through nearly 200 years of history.

1831

法拉第发现了电磁感应现象之后不久,他又利用电磁感应发明了世界上第一台真正意义上的电机--法拉第圆盘发电

Soon after Faraday discovered the phenomenon of electromagnetic induction, he used electromagnetic induction to invent the world's first true electric motor - the Faraday disc generator.

1821

法拉第发现通电的导线能永久磁铁旋转以及磁体绕载流导体的运动,第一次实现了电磁运动向机械运动的转换,从而建立了电动机的实验室模型,被认为是世界上第一台电机。

Faraday discovered that a current-carrying wire could cause permanent magnets to rotate and magnets to move around current-carrying conductors. This was the first time he realized the conversion of electromagnetic motion into mechanical motion, thus establishing a laboratory model of an electric motor, which is considered the world's first electric motor.

1866

西门子的创始人维尔纳·冯西门子制成支流自激、并激式发电机。

Werner von Siemens, the founder of Siemens, made a branch-current self-excited and shunt-excited generator.

1870

格拉姆将T形电枢绕组改为环形电枢,发明了支流发电机,被人们誉为“发电机之父”

Gramm changed the T-shaped armature winding to a ring-shaped armature and invented the branch current generator, and was hailed as the "Father of Generators".

2009

巨富电动车有限公司创建于2009年,拥有现代化厂房,引进先进的技术和检测设备。是一家专业从事电动车电机及后桥配套产品研发和制造的科技型制造企业。

Jusong Electric Vehicle Co., Ltd. was founded in 2009. It has modern factories and introduces advanced technology and testing equipment. It is a technology-based manufacturing enterprise specializing in the research and development and manufacturing of electric vehicle motors and rear axle supporting products.

2025

中国即将实施的两项电机强制性标准 (GB30254-2024和GB30253-2024), 高压电机标准 (GB30254-2024) 针对的是高压三相笼型异步电动机, 将提高这些电机的能效等级、技术要求和测试方法, 以达到更高的环保标准。此外, 永磁电机标准 (GB30253-2024) 则聚焦于永磁同步电动机的性能, 优化其能效等级, 旨在降低能耗、提高生产效率。

The two mandatory motor standards (GB30254-2024 and GB30253-2024) that China is about to implement, the high-voltage motor standard (GB30254-2024), targets high-voltage three-phase cage asynchronous motors, and will improve the energy efficiency level, technical requirements, and testing methods of these motors to achieve higher environmental standards. In addition, the standard for permanent magnet motors (GB30253-2024) focuses on the performance of permanent magnet synchronous motors, optimizing their energy efficiency levels with the aim of reducing energy consumption and improving production efficiency.

01 Controller line
控制器线



驱动电机组装线: 宗旨在于提高产品的质量稳定性, 生产线集成一系列先进设备。
包括中联板上料机、激光打码机、轴上料机、自动压轴机、翻转机、铁芯上料机、铁芯入轴机、铁芯清理机、定转子合装机、后盖预装机以及自动螺丝机。
通过精细化的装配工艺布局, 实现电机总装的全程自动化。

Drive motor assembly line: The purpose is to improve the quality stability of the product. The production line integrates a series of advanced equipment.
Including Zhonglian plate loading machine, laser coding machine, shaft loading machine, automatic shaft pressing machine, turning machine, core loading machine, core feeding machine, core cleaning machine, stator and rotor assembly machine, rear cover pre-assembly machine and automatic screw machine.
Through the refined assembly process layout, the full automation of motor assembly is realized.

02 Motor wire
电机线





扁线电机自动化生产装备

扁线电机 (Flat Wire Motor) 是一种采用扁平导线(矩形截面的铜线)代替传统圆线电机中圆形导线的电机设计。它在多个领域展现出显著优势,尤其在新能源汽车驱动电机中应用广泛。以下是其主要优势:

1. 更高的槽满率 (Space Factor)

- 扁线截面形状更规则,在定子槽中排列更紧密,槽满率可提升至70%以上(圆线电机通常约50%)。这意味着相同体积下能嵌入更多导线,**提高功率密度**,使电机更轻量化、小型化。

2. 更优的散热性能

- 扁线与定子槽接触面积更大,热传导效率更高,绕组温升比圆线电机降低约10%-20%。这对高功率持续输出和延长电机寿命至关重要。

3. 更低电阻与更高效率

- 扁线绕组端部(线圈伸出铁芯的部分)更短,减少无效铜耗,降低电阻。效率可提升1%-2%(尤其在高速区),直接提升电动车续航里程。

4. 更强的机械强度与可靠性

- 扁线结构刚性更好,抵抗电磁振动和热膨胀变形的能力更强,减少绝缘层磨损风险,适合高转速、大扭矩场景。

5. 更好的NVH性能(噪声与振动)

- 扁线绕组固定更牢固,电磁振动传递到定子铁芯时更均匀,噪声比圆线电机降低5-10分贝,提升驾乘舒适性。

6. 适合自动化生产

- 扁线形状规则,便于机器人自动绕线和嵌线,提高生产一致性,降低人工成本,适合大规模量产。

应用场景

- 新能源汽车:如特斯拉、比亚迪等品牌的驱动电机,追求高功率密度和长续航。

- 工业电机:需要高可靠性和散热能力的场合,如风电、轨道交通。

- 航空航天:对重量和效率极度敏感领域。

Flat Wire Motor is a motor design that uses flat wire (rectangular cross-section copper wire) instead of round wire in traditional round wire motor. It has shown significant advantages in many fields, especially in the drive motor of new energy vehicles. The following are its main advantages:

1. Higher slot fill factor

- The cross-sectional shape of the flat wire is more regular, and it is arranged more closely in the stator slot, and the slot fill factor can be increased to more than 70% (round wire motor is usually about 50%). This means that more wires can be embedded in the same volume, **increasing power density**, making the motor lighter and smaller.

2. Better heat dissipation performance

- The flat wire has a larger contact area with the stator slot, higher heat conduction efficiency, and the winding temperature rise is about 10%-20% lower than that of the round wire motor. This is crucial for high-power continuous output and extending the life of the motor.

3. Lower resistance and higher efficiency

- The end of the flat wire winding (the part of the coil extending out of the core) is shorter, reducing ineffective copper loss and lowering resistance. Efficiency can be increased by 1%-2% (especially in high-speed areas), directly increasing the range of electric vehicles.

4. Stronger mechanical strength and reliability

- The flat wire structure has better rigidity, stronger ability to resist electromagnetic vibration and thermal expansion deformation, and reduces the risk of insulation wear, which is suitable for high-speed and high-torque scenarios.

5. Better NVH performance (noise and vibration)

- The flat wire winding is more firmly fixed, and the electromagnetic vibration is more evenly transmitted to the stator core. The noise is 5-10 decibels lower than that of the round wire motor, which improves driving comfort.

6. Suitable for automated production

- The flat wire has a regular shape, which is convenient for robots to automatically wind and embed wires, improve production consistency, reduce labor costs, and is suitable for large-scale mass production.

Application scenarios

- New energy vehicles: drive motors such as Tesla, BYD and other brands, pursuing high power density and long endurance.

- Industrial motors: occasions that require high reliability and heat dissipation capabilities, such as wind power and rail transportation.

- Aerospace: fields that are extremely sensitive to weight and efficiency.



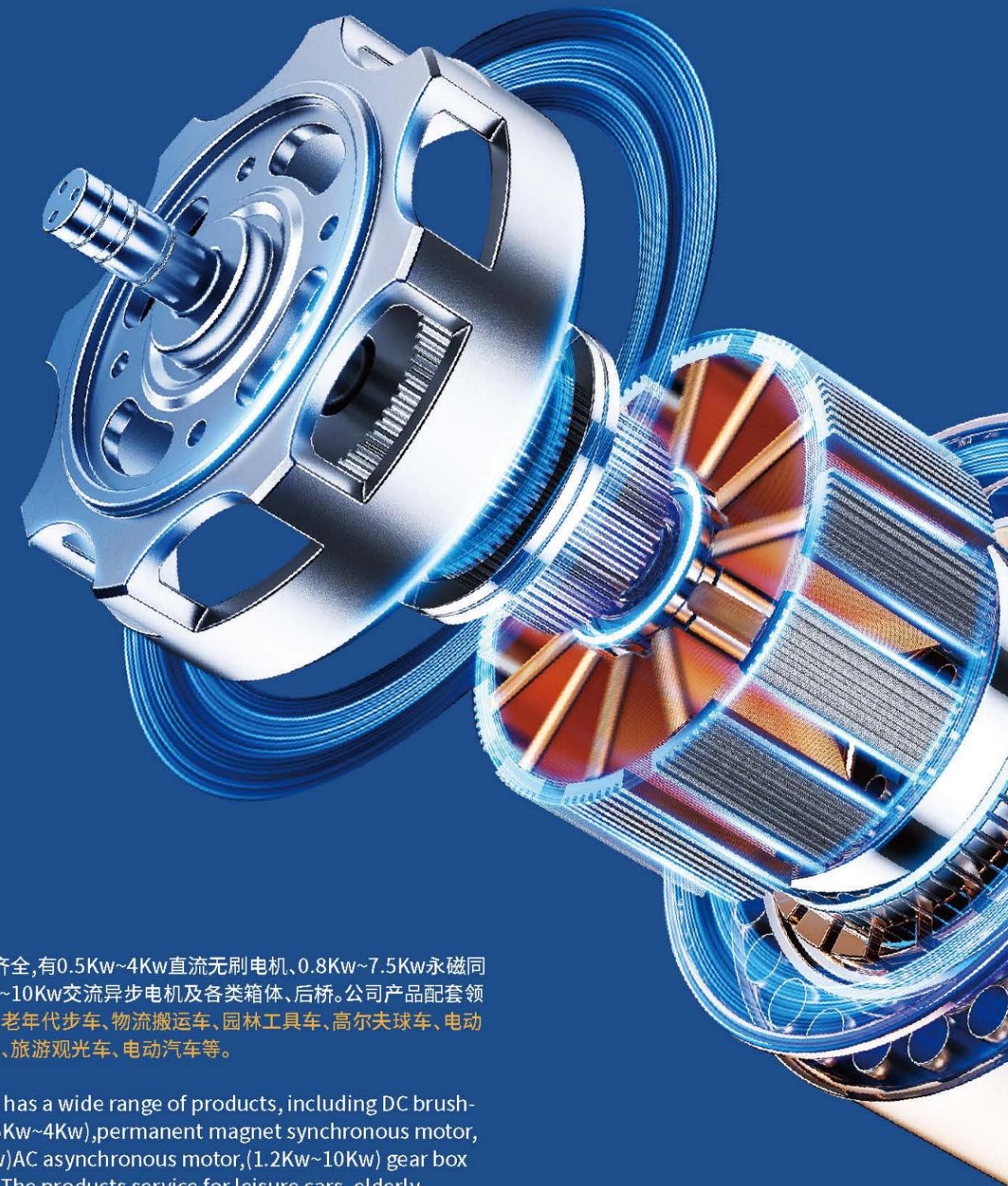
驱动电机自动化装配线: 宗旨在于提高产品的质量稳定性, 生产线集成一系列先进设备。
包括中联板上料机、激光打码机、轴上料机、自动压轴机、翻转机、铁芯上料机、铁芯入轴机、铁芯清理机、定转子合装机、后盖预装机以及自动螺丝机。
通过精细化的装配工艺布局, 实现电机总装的全程自动化。



Drive motor assembly line: The purpose is to improve the quality stability of the product. The production line integrates a series of advanced equipment, including Zhonglian board loading machine, laser coding machine, shaft loading machine, automatic shaft pressing machine, turning machine, core loading machine, core feeding machine, core cleaning machine, stator and rotor assembly machine, rear cover pre-assembly machine and automatic screw machine. Through the refined assembly process layout, the full automation of motor assembly is realized.



THE CHARM OF
JUSONG IS CREATED BY US
巨嵩的风采由我们创造



公司产品种类齐全,有0.5Kw~4Kw直流无刷电机、0.8Kw~7.5Kw永磁同步电机、1.2Kw~10Kw交流异步电机及各类箱体、后桥。公司产品配套领域涵盖休闲车、老年代步车、物流搬运车、园林工具车、高尔夫球车、电动三轮车、环卫车、旅游观光车、电动汽车等。

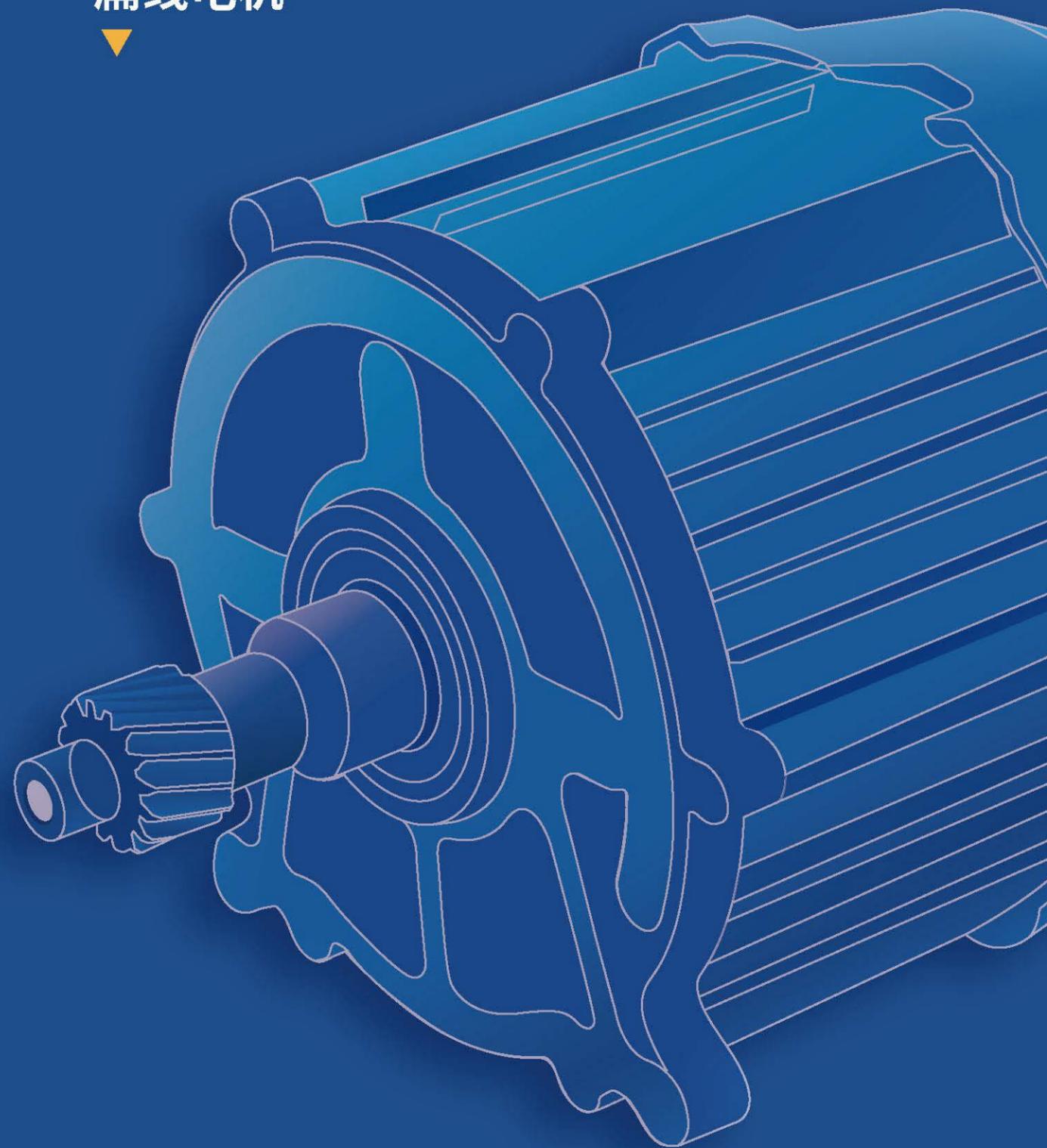
Our company has a wide range of products, including DC brushless motor (0.5Kw~4Kw), permanent magnet synchronous motor, (0.8Kw~7.5Kw) AC asynchronous motor, (1.2Kw~10Kw) gear box and rear axle. The products service for leisure cars, elderly bicycles, logistics carriers, garden vehicles, golf carts, electric tricycles, sanitation vehicles, tourist cars, electric vehicles, etc.

铂金动力

新科技 | 新动能 | 新产业 | 新模式



Flat wire motor
扁线电机



LOW-POWER MOTOR

小功率电机

矢量无刷直流电机
 正弦永磁同步电机
 内齿箱体匹配电机
 Vector brushless DC motor
 Sinusoidal permanent magnet synchronous motor
 Internal gear box matching motor

- ▶ 120方波无刷直流电机优点:工作磁场为方波,低速扭矩大,运行电流与机械特性稳定,通配性能好。

Advantages of 120 square wave brushless DC motor: square wave working magnetic field, large low speed torque, stable operating current and mechanical characteristics, and good general performance.

- ▶ 120型号正弦永磁同步电机:转子磁钢“V”型内嵌,低退磁,特殊分布设计,电机工作磁场正弦特性优异,低速运行噪音低,可与控制器进行弱磁匹配调,运行转速范围更宽,弱磁后最高速达4500r/min左右,同时低速转矩性能不变(方波会因转速提升牺牲扭矩),即高转速大扭矩,效率方面高于方波电机2-3%。

120 type sinusoidal permanent magnet synchronous motor: rotor magnetic steel is embedded in "V" shape, with low demagnetization and special distribution design. The motor has excellent sinusoidal characteristics of working magnetic field, low noise during low-speed operation, can be matched with the controller for weak magnetic field adjustment, and has a wider operating speed range. After weak magnetic field adjustment, the maximum speed reaches about 4500r/min. At the same time, the low-speed torque performance remains unchanged (square wave will sacrifice torque due to increased speed), that is, high speed and high torque, and the efficiency is 2-3% higher than that of square wave motor.

- ▶ 128型号正弦永磁同步电机:在120型号正弦永磁同步电机基础上,优化定、转子、霍尔安装、端盖结构使电机功率、转速范围进一步提升,具有更高的转矩(最大转矩可达45-50N*M)与过载能力(最大输出功率在3000-4500W)。

Model 128 sinusoidal permanent magnet synchronous motor: Based on the model 120 sinusoidal permanent magnet synchronous motor, the stator, rotor, Hall installation and end cover structures are optimized to further improve the motor power and speed range, with higher torque (maximum torque can reach 45-50N*M) and overload capacity (maximum output power is 3000-4500W).

- ▶ 126型号方波/矢量无刷直流电机:优化定、转子结构,提升电机运行功率,使电机过载能力更强、扭矩更大、高速运行振动噪音低。

Model 126 square wave/vector brushless DC motor: optimizes the stator and rotor structure, improves the motor's operating power, and makes the motor have stronger overload capacity, greater torque, and low vibration and noise during high-speed operation.



120正弦永磁同步电机 / 120 Permanent magnet synchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
500	48/60	3000-3200	13/10.5	E级	IP54
600	48/60	3000-3200	15.2/12	E级	IP54
700	48/60	3000-3200	17.5/14	E级	IP54
800	48/60	3000-3200	20/16	E级	IP54
900	48/60	3000-3200	22.5/18	E级	IP54
1000	48/60	3000-3200	25/20	E级	IP54
1200	48/60	3000-3200	27.5/22	E级	IP54

126型号方波/矢量无刷直流电机/126 Vector BLDC motor(square wave)

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3000-3200	26/21	E级	IP54
1500	60/72	3000-3200	32/26	E级	IP54

128正弦永磁同步电机/ 128 Permanent magnet synchronous motor (Sine wave)

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1500	60/72	3000-3200	32/26	E级	IP54
1800	60/72	3000-3200	37/31	E级	IP54
2200	60/72	3000-3200	45/38	E级	IP54

内花键直流电机/ DC motor with internal spline

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
500	48/60	3000-3200	13/10.5	E级	IP54
600	48/60	3000-3200	15.2/12	E级	IP54
700	48/60	3000-3200	17.5/14	E级	IP54
800	48/60	3000-3200	20/16	E级	IP54
900	48/60	3000-3200	22.5/18	E级	IP54
1000	48/60	3000-3200	25/20	E级	IP54
1200	48/60	3000-3200	27.5/22	E级	IP54

内花键直流电机/ DC motor with internal spline

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
500	48/60	3000-3200	13/10.5	E级	IP54
600	48/60	3000-3200	15.2/12	E级	IP54
700	48/60	3000-3200	17.5/14	E级	IP54
800	48/60	3000-3200	20/16	E级	IP54
900	48/60	3000-3200	22.5/18	E级	IP54
1000	48/60	3000-3200	25/20	E级	IP54
1200	48/60	3000-3200	27.5/22	E级	IP54

120方波无刷直流电机/ 120 Square wave BLDC motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
500	48/60	3000-3200	13/10.5	E级	IP54
600	48/60	3000-3200	15.2/12	E级	IP54
700	48/60	3000-3200	17.5/14	E级	IP54
800	48/60	3000-3200	20/16	E级	IP54
900	48/60	3000-3200	22.5/18	E级	IP54
1000	48/60	3000-3200	25/20	E级	IP54
1200	48/60	3000-3200	27.5/22	E级	IP54



HIGH-POWER MOTOR

大功率电机

直流无刷电机
交流异步电机
永磁同步电机

Brushless DC motor
AC asynchronous motor
Permanent magnet synchronous motor

► 交流异步的优点: 1、结构简单、可靠耐用。2、噪音低、振动小、启动平滑。3、过载能力强、启动转矩大。4、调速范围宽,再生制动效果好。5、编码器采用进口芯片,电机可控性高。6、维护方便、可在恶劣工况下稳定工作。

Advantages of AC asynchronous: 1. Simple structure, reliable and durable. 2. Low noise, small vibration, smooth start. 3. Strong overload capacity, large starting torque. 4. Wide speed adjustment range, good regenerative braking effect. 5. The encoder uses imported chips, and the motor has high controllability. 6. Easy maintenance, can work stably under harsh working conditions.

► 永磁电机的优点: 1、体积小、重量轻,可靠性高维护方便。2、功率密度高、高效区宽,转矩波动小、启动平滑。3、过载能力强、启动转矩大。4、调速范围宽,再生制动效果好。5、采用进口霍尔元件,电机可控性高。6、转动惯量小,电机加速的动态响应时间短。

Advantages of permanent magnet motors: 1. Small size, light weight, high reliability and easy maintenance. 2. High power density, wide high efficiency range, small torque fluctuation and smooth start-up. 3. Strong overload capacity and large starting torque. 4. Wide speed regulation range and good regenerative braking effect. 5. Imported Hall elements are used, and the motor has high controllability. 6. Small moment of inertia and short dynamic response time of motor acceleration and deceleration.



直流无刷电机 JS-TF140-H-PT/BLDC motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3800	22.5/19	H级	IP55
1500	60/72	3700	28/23.5	H级	IP55
2000	60/72	3400	38/31.5	H级	IP55
2500	60/72	4300	47.5/39.5	H级	IP55
3000	60/72	4100	57.5/47	H级	IP55
4000	60/72	4200	75/63	H级	IP55

直流无刷电机 JS-TF140-H-XS/BLDC motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3800	22.5/19	H级	IP55
1500	60/72	3700	28/23.5	H级	IP55
2000	60/72	3400	38/31.5	H级	IP55
2500	60/72	4300	47.5/39.5	H级	IP55
3000	60/72	4100	57.5/47	H级	IP55
4000	60/72	4200	75/63	H级	IP55



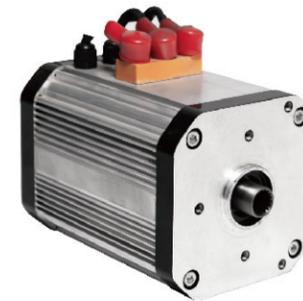
直流无刷电机 /JS-TF140-H-FC/BLDC motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3800	22.5/19	H级	IP55
1500	60/72	3700	28/23.5	H级	IP55
2000	60/72	3400	38/31.5	H级	IP55
2500	60/72	4300	47.5/39.5	H级	IP55
3000	60/72	4100	57.5/47	H级	IP55
4000	60/72	4200	75/63	H级	IP55



交流异步电机 JS-YS140-H-PF/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3000	23/19.5	H级	IP55
1500	60/72	3000	27/24.5	H级	IP55
1800	60/72	3000	38.5/29	H级	IP55



直流无刷电机 /JS-TF140-H-LT/BLDC motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3800	22.5/19	H级	IP55
1500	60/72	3700	28/23.5	H级	IP55
2000	60/72	3400	38/31.5	H级	IP55
2500	60/72	4300	47.5/39.5	H级	IP55
3000	60/72	4100	57.5/47	H级	IP55
4000	60/72	4200	75/63	H级	IP55



交流异步电机 JS-YS140-H-PT/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3000	23/19.5	H级	IP55
1500	60/72	3000	27/24.5	H级	IP55
1800	60/72	3000	38.5/29	H级	IP55
2200	60/72	3000	43/36	H级	IP55
2500	60/72	3000	49/40	H级	IP55
3000	60/72	3000	58.5/49	H级	IP55





交流异步电机 JS-YS140-H-LT/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3000	23/19.5	H级	IP55
1500	60/72	3000	27/24.5	H级	IP55
1800	60/72	3000	38.5/29	H级	IP55
2200	60/72	3000	43/36	H级	IP55
2500	60/72	3000	49/40	H级	IP55
3000	60/72	3000	58.5/49	H级	IP55



交流异步电机 JS-YS140-H-FC/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3000	23/19.5	H级	IP55
1500	60/72	3000	27/24.5	H级	IP55
1800	60/72	3000	38.5/29	H级	IP55
2200	60/72	3000	43/36	H级	IP55
2500	60/72	3000	49/40	H级	IP55
3000	60/72	3000	58.5/49	H级	IP55



交流异步电机 JS-YS155-H-PT/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1200	60/72	3000	23/19.5	H级	IP55
1500	60/72	3000	27/24.5	H级	IP55
1800	60/72	3000	38.5/29	H级	IP55
2200	60/72	3000	43/36	H级	IP55



交流异步电机 JS-YS155-H-SK/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
3000	60/72	3000	58.5/49	H级	IP55
3500	60/72	3000	68.5/57	H级	IP55
4000	60/72	3000	78/65	H级	IP55
4500	60/72	3000	98/81	H级	IP55



交流异步电机 JS-YS175-H-SK/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
6500	72/96	3600	106/79	H级	IP55
7500	72/96	3600	122/91	H级	IP55
10000	96/144	3600	118/79	H级	IP55



交流异步电机 JS-YS175-H-DS/AC asynchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
6500	72/96	3600	106/79	H级	IP55
7500	72/96	3600	122/91	H级	IP55
10000	96/144	3600	118/79	H级	IP55



永磁同步电机 /JS-TZ145-H-SK/Permanent magnet synchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
1500	60/72	3000	28/23.5	H级	IP55
2000	60/72	3000	37.5/31.5	H级	IP55
2500	60/72	3000	47/39	H级	IP55
3000	60/72	3000	56.5/47	H级	IP55
4000	60/72	3000	75.5/63	H级	IP55



永磁同步电机 JS-TZ180-H-SK/Permanent magnet synchronous motor

功率(W)	额定电压(V)	额定转速(RPM)	额定电流(A)	绝缘等级Insulation Class	防护等级Protection Class
4000	60/72	3000	75.5/63	H级	IP55
5000	60/72	3000	94.5/80	H级	IP55
6500	72/96	3600	102.5/77	H级	IP55
7500	72/96	3600	118/88	H级	IP55

GEAR BOX (DIFFERENTIAL)

差速箱体

- 一体/分体变档箱体
- 一体/分体差速箱体
- 一体/分体内齿箱体
- 一体休闲箱体
- Integrated/split gearbox
- Integrated/split differential case
- Integrated/split internal gearbox
- Integrated leisure case

▶ 汽车差速器是调整车轮速度差值的机构,在汽车驱动时,为了保证同时驱动左右车轮,必须把车轮连接在一起,如果采用中通式连接,汽车只能做直线运动,汽车在行驶曲线弯道时,左右车轮不能做等速运动,这时需要在中间加入差速器,用以调整左右车轮速度差值。

The car differential function for adjusting the difference between the wheel speeds. When driving the car, in order to ensure the left and right wheels are driven at the same time, the wheels must be connected together. If use the medium-sized connection, the car can only in linear motion, when the car is in the driving curve. the left and right wheels can not on the same speed. In this case, differential is need to assemble in the middle and adjust the the speed. difference.



箱体类型 (TYPE)	一体差速箱体
减速比 (GEAR RATIO)	8-21倍/22-52倍
重量(Kg)	3.4-3.9kg
匹配半轴类型	16齿/18齿/6齿



箱体类型 (TYPE)	分体差速箱体
减速比 (GEAR RATIO)	8-21倍/22-52倍
重量(Kg)	3-3.5kg
匹配半轴类型	16齿/18齿/6齿



箱体类型 (TYPE)	一体变档箱体
减速比 (GEAR RATIO)	8-21倍/22-52倍
重量(Kg)	4-4.5kg
匹配半轴类型	16齿/18齿/6齿



箱体类型 (TYPE)	分体变档箱体
减速比 (GEAR RATIO)	8倍/9倍/10倍/13倍
重量(Kg)	3-3.5kg
匹配半轴类型	16齿/18齿/6齿



箱体类型 (TYPE)	一体休闲箱体
减速比 (GEAR RATIO)	8倍
重量(Kg)	3-3.5kg
匹配半轴类型	16齿/18齿



箱体类型 (TYPE)	分体内齿箱体
减速比 (GEAR RATIO)	9倍/22倍/31倍
重量(Kg)	3.4-4kg
匹配半轴类型	16齿/18齿



箱体类型 (TYPE)	一体内齿箱体
减速比 (GEAR RATIO)	9倍/22倍/31倍
重量(Kg)	3.4-4kg
匹配半轴类型	16齿/18齿



箱体类型 (TYPE)	分体差速箱体
减速比 (GEAR RATIO)	1:10/1:12
重量(Kg)	3.4-3.9kg
匹配半轴类型	6齿-Φ25



箱体类型 (TYPE)	一体差速箱体
减速比 (GEAR RATIO)	1:8/1:10/1:12
重量(Kg)	3.4-3.9kg
匹配半轴类型	6齿-Φ25



箱体类型 (TYPE)	一体差速箱体
减速比 (GEAR RATIO)	1:8/1:10/1:12/1:20
重量(Kg)	3.4-3.9kg
匹配半轴类型	22齿/6齿-Φ25



箱体类型 (TYPE)	风驰变档箱体
减速比 (GEAR RATIO)	1:10:12/1:12:826/1:15:30
重量(Kg)	3.4-3.9kg
匹配半轴类型	6齿-Φ25



箱体类型 (TYPE)	力腾载重王变档箱体
减速比 (GEAR RATIO)	1:10:25/1:13:25
重量(Kg)	3.4-3.9kg
匹配半轴类型	6齿-Φ25/6齿-Φ30

REAR AXLE 后桥

- 一体式后桥
- 分体式后桥
- Integrated rear axle
- Split rear axle

▶ 后桥,就是指车辆动力传递的后驱动轴组成部分。它由两个半桥组成,可实施半桥差速运动。同时,它也是用来支撑车轮和连接后车轮的装置。如果是前桥驱动的车辆,那么后桥就仅仅是随动桥而已,只起到承载的作用。后桥分为整体桥和分体桥。

The rear axle is the part of the rear drive shaft of the vehicle's power transmission. It consists of two half-bridges that perform half-bridge differential motion. The function is to shore up the wheels and connect it. If vehicles with front axle then it is a just follower bridge, only for loading, and the type is an integral bridge and a split bridge.



后桥类型 (REAR AXLE TYPE)	130 代步车后桥
制动方式 (BRAKING MODE)	130机械式制动器
减速比 (GEAR RATIO)	1:8
安装尺寸 (INSTALLATION DIMENSION)	Φ60-M14×100



后桥类型 (REAR AXLE TYPE)	130分体后桥
制动方式 (BRAKING MODE)	130机械式制动器
减速比 (GEAR RATIO)	1:8.3:20.8/1:9.24:23.2/1:11:27
安装尺寸 (INSTALLATION DIMENSION)	Φ63-M14×100



后桥类型 (REAR AXLE TYPE)	160一体后桥
制动方式 (BRAKING MODE)	160机械制制动器
减速比 (GEAR RATIO)	1:8/1:10/1:12/1:22/1:30
安装尺寸 (INSTALLATION DIMENSION)	Φ63-M14×100



后桥类型 (REAR AXLE TYPE)	清洁车 (扫地车) 桥
制动方式 (BRAKING MODE)	碟刹制动器
减速比 (GEAR RATIO)	1:10/1:12
传动方式 (TRANSMISSION MODE)	链条传送



后桥类型 (REAR AXLE TYPE)	豪华封闭车后桥
制动方式 (BRAKING MODE)	200碟刹制动器
减速比 (GEAR RATIO)	1:10:20/1:10:26/1:12:26/1:12:26/1:15:30
安装尺寸 (INSTALLATION DIMENSION)	Φ60-M14×100/Φ60-M12×114



后桥类型 (REAR AXLE TYPE)	220鼓刹餐车桥
制动方式 (BRAKING MODE)	鼓式制动器
减速比 (GEAR RATIO)	1:8/1:10/1:12
安装尺寸 (INSTALLATION DIMENSION)	Φ60-M14×100/Φ60-M12×114



后桥类型 (REAR AXLE TYPE)	6009规格全悬浮一体后桥
制动方式 (BRAKING MODE)	220油刹制动器/250油刹制动器
减速比 (GEAR RATIO)	1:10:25/1:13:25
安装尺寸 (INSTALLATION DIMENSION)	Φ110-M14×140

控制器 CONTROLLER

永磁系列
方波系列
Permanent magnet series
Square wave series

▶ 控制器是自动化系统中不可或缺的组成部分。它通过接收来自传感器或其他设备的输入信号，并根据预设的控制策略或算法，产生相应的输出信号，从而实现对被控对象的精确控制。控制器广泛应用于工业、交通、家居等领域，能够提高系统的效率和稳定性，减少能源浪费，增强安全性和便利性。随着技术的发展，控制器的智能化和网络化将成为未来发展的重要趋势。

The controller is an indispensable part of the automation system. It receives input signals from sensors or other devices and generates corresponding output signals according to the preset control strategy or algorithm, thereby achieving precise control of the controlled object. Controllers are widely used in industries, transportation, homes and other fields, which can improve the efficiency and stability of the system, reduce energy waste, and enhance safety and convenience. With the development of technology, the intelligence and networking of controllers will become an important trend in future development.



永磁系列 Permanent magnet series

型号model	功率(P)	额定电压(V)	最大电流(I)	绝缘等级Insulation Class	防护等级Protection Class
12管	500W	48-72	30A	E级	IP54
12管大壳	650W	48-72	35A	E级	IP54
18管双排	800-900W	48-72	40-45A	E级	IP54
18管双排大壳	1000W	48-72	50A	E级	IP54
24管	1200W	48-72	55-60A	E级	IP54
24管大壳	1500W	48-72	65A	E级	IP54
30管	1500-2200W	48-72	70-85A	E级	IP54

方波系列 Square wave series

型号model	功率(P)	额定电压(V)	最大电流(I)	绝缘等级Insulation Class	防护等级Protection Class
12管	500W	48-72	30A	E级	IP54
15管	650W	48-72	35A	E级	IP54
18管	800W	48-72	40A	E级	IP54
18管双排	900W	48-72	45A	E级	IP54
18管双排大壳	1000W	48-72	50A	E级	IP54
24管	1200W	48-72	55-60A(可调)	E级	IP54
30管	1500-1800W	48-72	65-75A(可调)	E级	IP54
36管	2000-4000W	48-72	80-100A(可调)	E级	IP54

