

2023.03

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浙江西子富沃德电机有限公司

ZHEJIANG XIZI FOWORDA ELECTRICAL MACHINERY CO., LTD.

地址：浙江省杭州市建安区青山湖街道晓亭街181号；

ADD: No. 181, Hefeng Street, Qingshan Lake Subdistrict, Lin'an District, Hangzhou City, Zhejiang Province, China

主机系统

Traction Machine

FWD 富沃德



POWER

使 命：

为人类节约能源贡献中国力量

愿 景：

全球知名的节能电机专家

价 值 观：

合作 开放 责任 创新 精益

经营理念：

合作重于竞争

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P71 F53正弦弦编码器

西子富沃德 Xizi Forvorda



kouple asansor
کوپل آسانسور

浙江西子富沃德电机有限公司

浙江西子富沃德电机有限公司注册成立于2004年5月份，并于2005年2月份移师临安经济开发区，是西子国际控股集团有限公司旗下重要的高科技研发制造基地。

公司成立之初即顺利通过了ISO9001:2000质量体系认证，各系列产品以其无可挑剔的品质顺利通过了A3认证、KC认证、CSA认证、WCA认证和VDA6.3认证。

公司现有各类加工设备300多台（套），其中包括机械手在内各类进口高端加工设备30多台（套），主机生产流水线年产能可达28万台（一班制），是国内最大的永磁同步无齿轮牵引机制造基地。

公司发展至今，产品覆盖常规客梯主机、无机房主机、家用梯/小载重主机、高速梯主机、扶梯主机、货梯主机等八大系列。主机载重范围为400kg-5000kg，拥有0.3m/s-10m/s的大范围额定速度，产品广泛应用于高层住宅楼、别墅、办公楼、宾馆、机关、学校和其他公共建筑场所。公司同时拥有安全钳、限速器等安全部件的自主研发和生产能力。

Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd.

Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd. was incorporated in May 2004 and re-located to Lin'an Economy Development Area in Feb. 2005, which is a core member of XIC as the high-tech R&D Center and manufacturing base.

Xizi Forvorda has acquired the ISO9001:2000 Quality System Certificate as early as it was just established; its products has obtained various certification such as EN 81-1:1998+A3:2009, KC and CSA.

Xizi Forvorda is equipped with more than 300 sets of various equipment, more than 30 sets among which are imported high-end machining equipment such as manipulators. Its streamlined production line can churn out more than 280,000 sets (one shift) of traction machine annually, which makes Forvorda the largest manufacturer in China for PM gearless traction machine.

Through all its way until today, Xizi Forvorda has developed traction machines for General Passenger Elevator, MRL Elevator, Home Lift/Small Lift, High-Speed Elevator, and Freight Elevator. The rated load of its traction machine ranges from 400kg-5000kg, and rated speed from 0.3m/s-10m/s. Its products are widely used in high-rise residential buildings, villa, office buildings, hotels, schools and other public buildings. We also possess the ability to develop and produce safety parts like safety gear and speed governor etc.



kouple asansor



公司拥有磁钢、制动器、定子铁芯、铸造生产线和多条主机装配线，通过对各产品线的划分、工序调整以及工艺改进，提高了作业员及设备工装的工作效率，减少了单件产品的工时消耗，降低了成本，实现了生产线工艺的平衡，使我司成为国内最大的永磁同步无齿轮曳引机供应商。

Xizi Forvorda has set up magnet production line, brake production line, stator core casting production line and three assembly lines for traction machine. By setting up separate production line, re-arranging working process and improving tools, working efficiency is improved considerably, time-consumption for unit products has been reduced and so has the cost. The realization of balanced production line makes Xizi Forvorda the largest PM gearless traction machine supplier in China.



博长取优，领先未来

科技创新是推动企业发展的核心力量。浙江西子富沃德电机有限公司非常重视技术的提升，先后与上海交通大学、清华大学、中国计量学院等重点科研机构合作，形成优势互补，设立了博士后工作站和院士工作站。目前公司共申请知识产权 223 项，已授权有效的发明专利 36 项，实用新型专利 135 项，外观专利 46 项，软著 6 项，并先后获得 ISO9001 质量体系认证、ISO14001 环境管理体系认证，同时，还被国家发改委、财政部指定为高效电机推广企业，推广量占全国高效永磁电机的 22.6%，成就了公司在行业内的国际领先地位。

Draw Strength from Others, Lead the Trends in Future

Scientific and technological innovation is the core power that drives forward the development of an enterprise. Zhejiang Xizi Forward Electrical Machinery Co., Ltd. places high emphasis on the technological improvement and has cooperated with Shanghai Jiaotong University, Tsinghua University, China Jiliang University and many other key scientific and technological research institutes in order to make respective advantages complementary to each other. And it also has set up Post Doctoral Station and Academician Station. Up till now, we have won 125 patents (23 inventions, 71 utility models, 28 industrial design, 6 software copyrights). And we have achieved ISO9001 Quality System certification and ISO14001 Measurement System Certification. Besides we have been appointed by National Development and Reform Commission and the Ministry of Finance as the company to promote the High Efficient Motor, the High Efficient PM Motor, sold by Xizi Forward accounts for 22.6% share of the total sales in China. All these have established our company as a leading role in the industry in the world.

无齿轮主机研发，开创电梯新时代

1999 年—2001 年，公司和高校经过长期合作和密切的交流，技术逐渐成熟，共同研发出具有自主知识产权的无齿轮曳引机，截至目前，该项技术研发仍引领着电梯行业的未来发展路势。使用该技术的主机无需励磁，启动电流极小，传动效率极高，结构更合理。与传统曳引机相比，效率更高，噪音更低，节能环保，节能效率高达 30% 以上，显著地降低了成本。尤其是去掉了传动机构后，主机结构轻巧紧凑，可直接安装在井道内，最大程度节省建筑面积与费用。

The Launch of Gearless Traction Machine, Brings a New Era of Elevators

From 1999 to 2001 through long-term cooperation and frequent exchanges, the company and University gradually achieved mature technology and worked together to develop a gearless traction machine having proprietary intellectual property rights. Up till now, the research and development of this technology is still representing the trend of future development of the elevator industry. Machines using this technology do not need excitation and have small starting currents but extremely high transmission efficiency and more reasonable structures. Compared with traditional traction machines, they have higher efficiency, lower noise and better environmental and energy-saving performance. They significantly reduce the cost by saving up to more than 30% of energy. Particularly, after the transmission mechanism is removed, the structure of the machine is lighter, smaller, and more compact. It can be directly installed in the shaft to minimize the building area and cost.





杭州西子富沃德精密机械有限公司

杭州西子富沃德精密机械有限公司位于浙江省临安市经济开发区於潜产业区渔逸村地块，总投资规模达15977.4万元，其中建筑面积30000平方米，是西子国际旗下的全资子公司。项目建设内容为杭州西子富沃德精密机械有限公司的清洁铸造和精密加工、装配、发运的联合厂房。项目建成后达到年产6万吨电梯部件清洁铸造及精密加工规模，主要生产电梯核心零部件。通过为西子国际旗下各子公司进行配套，整合资源，打造成西子国际旗下的铸造基地，为西子在装备制造领域的市场开拓、品牌提升打下坚实的基础。

公司重视技术改进，产品质量管理和生产管理，逐步建立了一套完善的适合企业自身发展的管理体系。目前，本公司采用行业内先进、环保的潮模砂工艺、铁模覆砂工艺、树脂砂工艺等铸造工艺。现拥有萨维利（意大利）静压自动造型流水线、应达（美国）中频感应电炉、通过式抛丸机、树脂砂生产线、铁模覆砂生产线等行业领先的铸造设备及精密数控机床加工设备。

质量控制方面现拥有直读式光谱仪、炉前快速分析仪、万能试验机、型砂检测设备、金相显微镜、布氏硬度计等国内较先进的检测设备及过程控制方法运用到实际生产和检测中，保证产品质量。

Hangzhou Xizi Forvorda Precision Machinery Co., Ltd

Hangzhou Xizi Forvorda Precision Machinery Co., Ltd. is located in Yiyi Village, Yuqian Industrial Zone, Economic Development Zone, Lin'an City, Zhejiang Province, with a total investment of 159,774 million yuan, including a construction area of 30,000 square meters. It is a wholly-owned subsidiary of Xizi International. The construction content of the project is the joint workshop of clean casting, precision machining, assembly and delivery of Hangzhou Xizi Forvorda Precision Machinery Co., Ltd. After the completion of the project, it will achieve an annual output of 60,000 tons of clean casting and precision machining of elevator parts, mainly producing elevator core parts. By supporting and integrating resources for all subsidiaries of Xizi International, we will build a machining base of Xizi International, and lay a solid foundation for the market development and brand promotion of Xizi in the field of equipment manufacturing. The company attaches great importance to technical improvement, product quality management and production management, and has gradually established a perfect management system suitable for the development of the enterprise itself. At present, the company adopts the industry's advanced, environmental protection of the tide mold sand technology, iron mold sand coating technology, resin sand technology and other casting technology. Now we have the industry's leading casting equipment and precision CNC machining equipment, such as the static pressure automatic molding line from Savelli (Italy), the medium frequency induction furnace from Yingda (America), the pass type shot blasting machine, the resin sand production line, the iron mold sand coating production line and so on.

In terms of quality control, we now have direct reading spectrometer, fast analyzer before furnace, universal testing machine, molding sand testing equipment, metallographic microscope, Brinell hardness tester and other domestic advanced testing equipment and process control methods used in the actual production and testing to ensure product quality.

潮模砂工艺

是目前大力推广的清洁铸造工艺之一，达到生产效率，产品精度高，运行噪声低，作业强度低等特点和优势；同时由于该工艺具有节约能源，无污染等特点，可实现清洁铸造。

Tide molding sand technology

It is one of the clean casting processes vigorously promoted at present, which can achieve the characteristics and advantages of production efficiency, high product precision, low noise and low operation intensity. At the same time, because the process has the characteristics of energy saving and no pollution, it can realize clean casting.



铁模覆砂工艺

具有刚度好，覆砂层比较薄，铸件冷却速度快，砂子粒度细等特点，因此可显著提高铸件的尺寸精度，致密性，表面质量，晶粒的细化程度和球化率，同时可实现无冒口铸造。

Sand covering technology for iron mould

It has the characteristics of good stiffness, thin sand coating, fast casting cooling rate, fine sand particle size, etc., so it can significantly improve the dimensional accuracy, compactness, surface quality, grain refinement and spheroidization rate of the casting, and at the same time, it can realize riser free casting.



树脂砂工艺

其工艺特点具有一定的灵活性，生产工艺简单易于控制，适合少量结构复杂的铸件，且生产的铸件表面轮廓清晰，光洁，几何尺寸精度高。

Resin sand process

Its process characteristics have a certain flexibility, the production process is simple and easy to control, suitable for a small amount of complex structure of the casting, and the production of the casting surface contour is clear, smooth, high precision geometric dimension.



富沃德品牌优势 Brand Building of Xizi Forvorda



2001

第一台国内自主知识产权的无齿轮曳引机诞生于富沃德

The first gearless traction machine with proprietary rights in China was born in Forvorda.



2001

第一台中国生产并在电梯上运用的无齿轮曳引机诞生（杭州新饭店项目）

The first homemade gearless traction machine installed in elevator (Hangzhou Xinhua Hotel)



2005

搭建国内第一条曳引机专用磁钢生产线
Set up the first magnet production line dedicated for traction machines in China



2010

组建国内第一条主机自动化生产线
Set up the first automated production line in China

2008

成功研发国内第一台 7m/s 永磁同步无齿轮曳引机，并于 2010 年成功应用在上海高端楼盘项目
Successfully developed the first 7m/s PM synchronous traction machine in China, and was installed in a high-end real estate project in Shanghai in 2010.

2011

永磁同步电机入围国家“节能产品惠民工程”高效电机推广目录，永磁电机推广量电梯行业第一

Its PM synchronous motor is listed in the High Efficient Motor Directory under the China Energy Label project. Its total sales volume of PM motor ranked No.1 in elevator industry in China.



2014

成功研发 10m/s 超高速主机
Successfully developed super high speed machine



无齿轮曳引机市场保有量中国第一
Enjoy the largest market share of PM gearless in China

2012

获得临安市政府质量奖
Awarded with Lin'an Municipal Quality Awards

2013

成功研发了 DZD1-500 静音制动器产品
Successfully developed DZD1-500 super quiet brake

2015

荣膺 2015 年浙江省政府质量奖
Awarded with Zhejiang Province government Quality Award



通过中国 CQC 节能认证书编号 CQC15701122557
CQC Approved (code: CQC15701122557)



2016

成功通过 CNAS 实验室（中国合格评定国家认可委员会）审核并获颁证书
Successfully passed the CNAS Laboratory (China National Accreditation Service for Conformity Assessment) and obtain the certification

2017

於潜新工厂于 2017 年 2 月试生产
YUQIAN new factory starts trial production in February 2017



永磁同步无齿轮曳引机“浙江制造”认证
获颁证书
PM gearless traction machine, the first among the similars to win the Made in Zhejiang certificate

后在 2019 年曳引机制动系统“浙江制造”证书



2019

富沃德获得“单项冠军企业”称号，并在 2022 年蝉联该称号。



2020

入选工信部国家“绿色工厂”名单

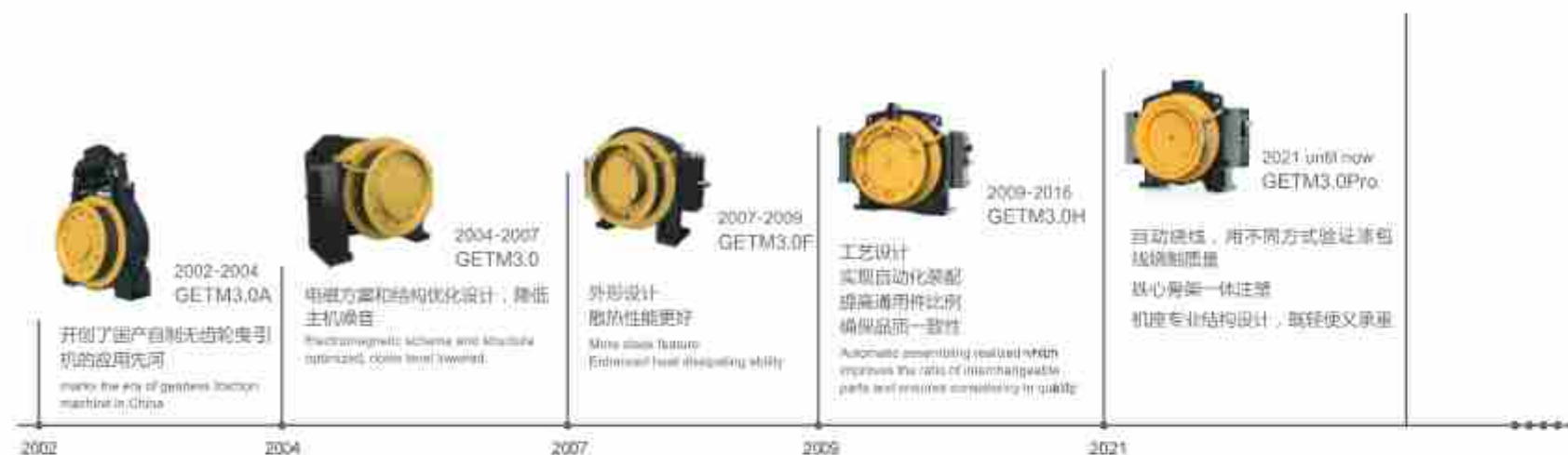
2021

连续多年通过通过德国汽车工业联合会(VDA)质量标准的过程审核。

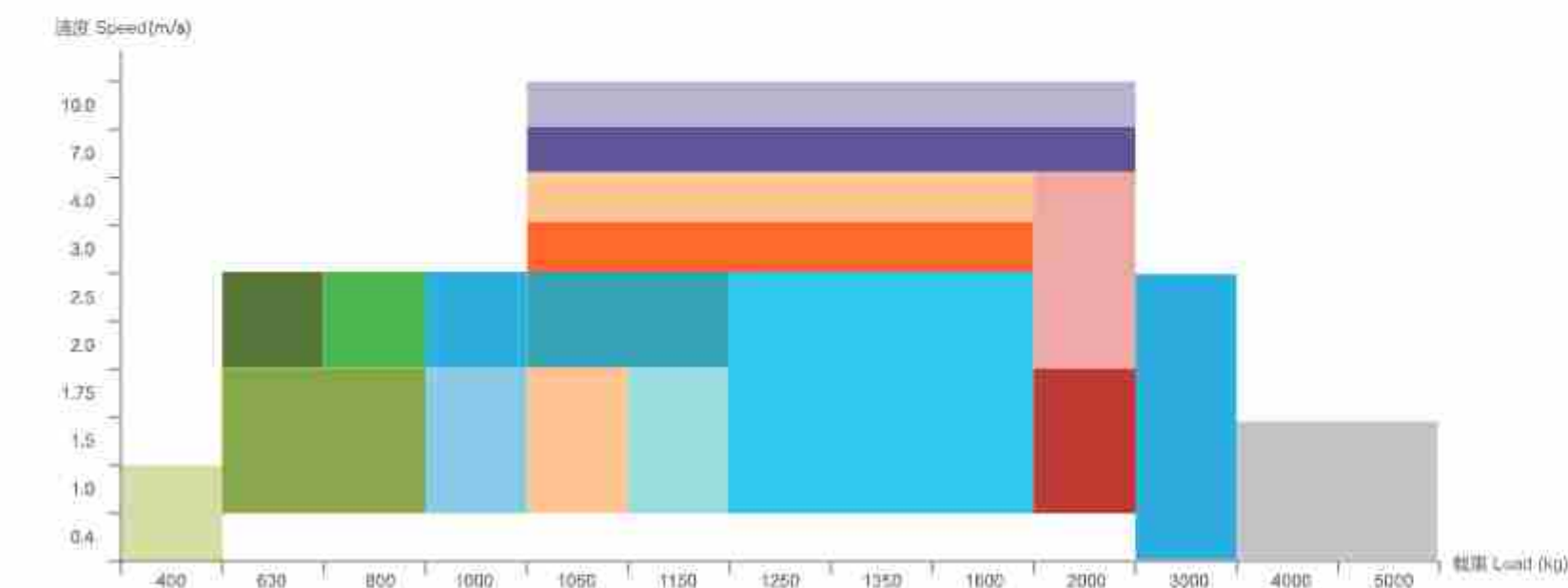


2022 无齿轮曳引机市场保有量突破160万。

曳引机发展史 Development History of Traction Machine



产品系列 Products Series



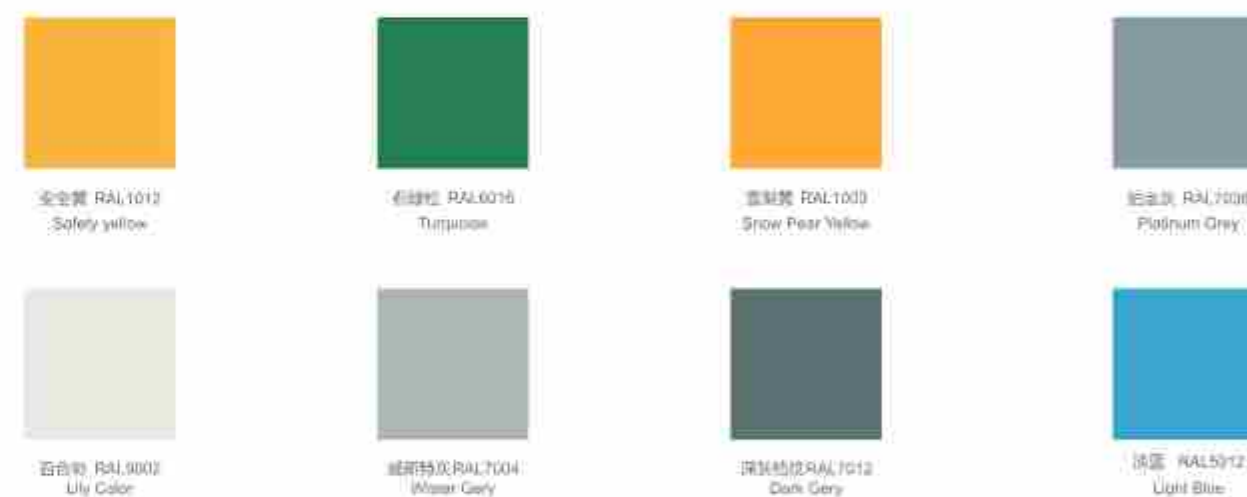
色卡 Color Code

为了规范主机外观颜色，现将喷漆所用油漆颜色及色号统一为劳尔色卡色号，规定如下

标准颜色 Standard Color



常用喷涂色卡 Oft-Used Color



色卡颜色仅供参考，具体以实样为准。
The color sample here for reference only, colour deviation may exist in painting

备注

机房内的环境空气温度应保持在 5℃ -40℃；环境相对湿度最湿月月平均应不大于 90%，同时该月月平均最低温度应不高于 25℃；超出范围请咨询客户根据到实际情况计算曳引能力和安全系数是否满足标准要求。曳引轮β、γ角度可非标
在应用前已确认变频器与编码器的匹配性
曳引轮β、γ角度可非标
曳引机的推荐提升高度为电梯在额定速度 45 秒的运行距离。例如 1m/s 的曳引机，推荐提升高度为 45m
样本资料仅供参考。本产品改进的同时，资料可能有所变化，恕不另行通知



常规客梯主机系列 For General Elevators

该系列主机经过先进的工业和工艺设计，实现了模块化和标准化，可灵活实现制动器与曳引轮多达三种以上的自由配置组合，通用部件比例得到提高，使用范围广泛，可满足客户不同需求。专业化的技术和标准化的流程完全保证了大批量产品自动化生产和个性化定制的完美结合。

For this series of traction machine, standardization and modularization is realized through advanced industrial and technical design. Interchangeability of parts is greatly improved; there are more than 3 possible combinations by replacing brakes and traction sheave, thus diversified customer needs can be met. Our professionalism and standardized process guarantees the tailor-made production in large scales.



自制稀土材料 NdFeB 高性能磁钢，用专利配合和先进的制造工艺，确保磁钢性能的一致性和稳定性。
In-house made high-performance NdFeB magnet is adopted.



磁钢采用双层固定方式且配有电机过热保护装置，保证电机安全可靠的运行。
The magnets are double fixed and thermal switches are furnished, all of which ensure the reliability of the machine performance.



独特转动轴外转子结构，确保主机运行平稳，噪音低。
Unique rotating shaft and external rotor construction brings smooth operation of the machine and low noise level.

产品系列 Products Series



GETM3.0Pro

许用轴向载荷 Max. axle load	3000kg
电动机质量 Motor weight	290kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	2F0ZD2

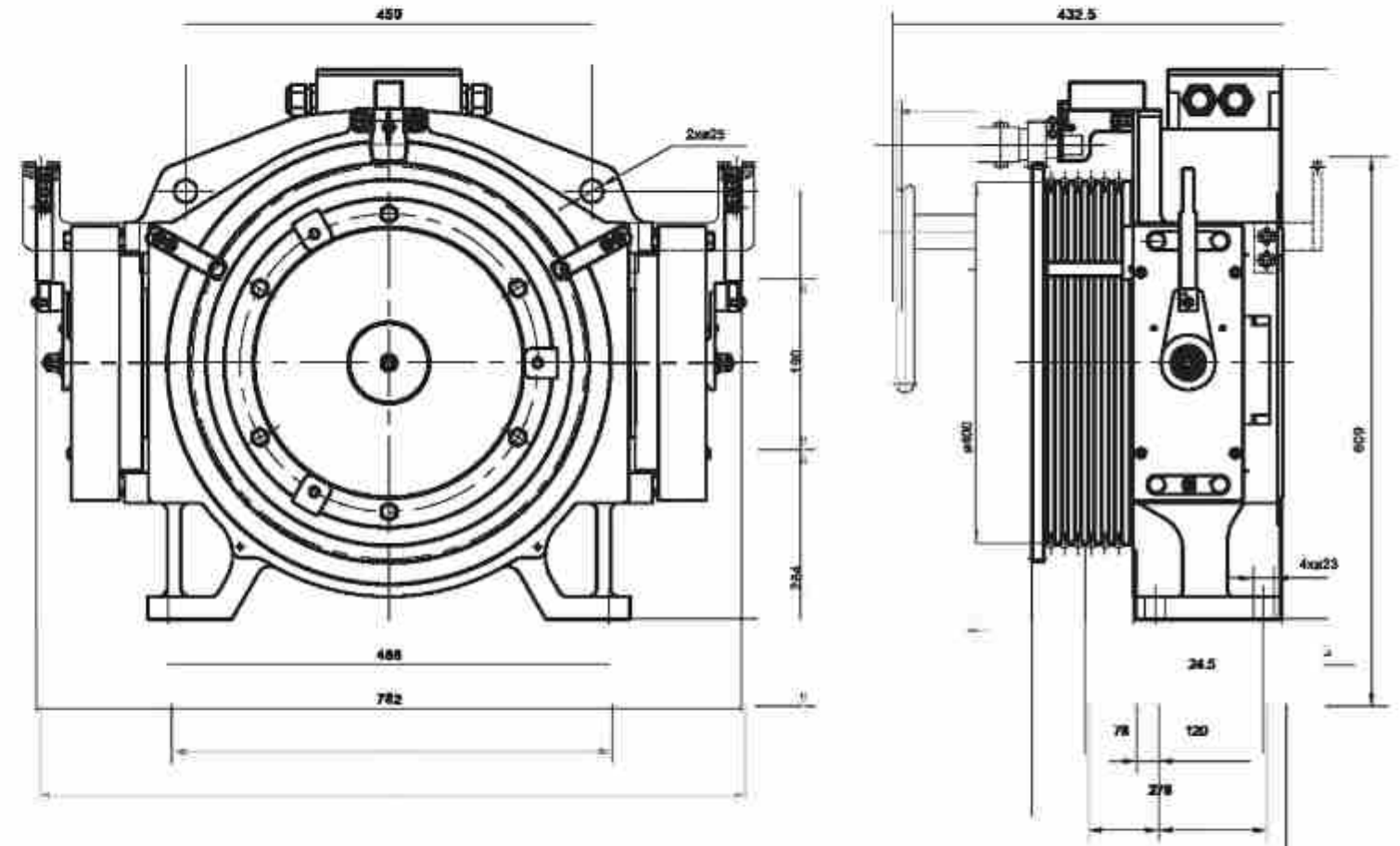


规格表 Specification table

型号 Product type	曳引比 Traction ratio	额定速度 Rated speed m/s	额定转矩 Rated torque N.m	额定功率 Rated power kW	电机 Motor					制动器 Brake		
					电压 Voltage V	电流 Current A	功率 Power kW	频率 Frequency Hz	转速 Speed rpm	制动 Brake mm	制动 Brake mm	电压 Voltage V
GETM3.0Pro-100/0800	2:1	800	96	500	5.0	13	23.9					
GETM3.0Pro-150/0800			143	511	7.7	340	18	30	35.5	400	≤8mm10	15
GETM3.0Pro-175/0800			167	511	8.8	21	41.5					
GETM3.0Pro-100/1000			604	6.0	15	23.9						
GETM3.0Pro-150/1000	2:1	1000	143.0	638	8.8	340	23	30	35.5	400	≤8mm10	15
GETM3.0Pro-175/1000			188	638	11.2	27	41.5					
GETM3.0Pro-100/1050			96	634	6.3	15	23.9					
GETM3.0Pro-150/1050			143	668	10.0	340	23	30	35.5	400	≤8mm10	15
GETM3.0Pro-175/1050	2:1	1050	167	688	11.7	28	41.5					

注：1. 以上数据仅供参考，具体参数以 ODF 为准； 2. 制动器、制动、制动等参数可根据客户要求进行调整；
Note: 1. Above parameters for information only, final parameters shall be as per ODF. 2. Quantity of rope groove number, β angle and γ angle can be later decided according to customer's requests.

外形尺寸图 Overall Dimensions



注：1. 本机分为有盘车和无盘车两种状态；
2. 可配备花键轴装置，轴长4~10米。

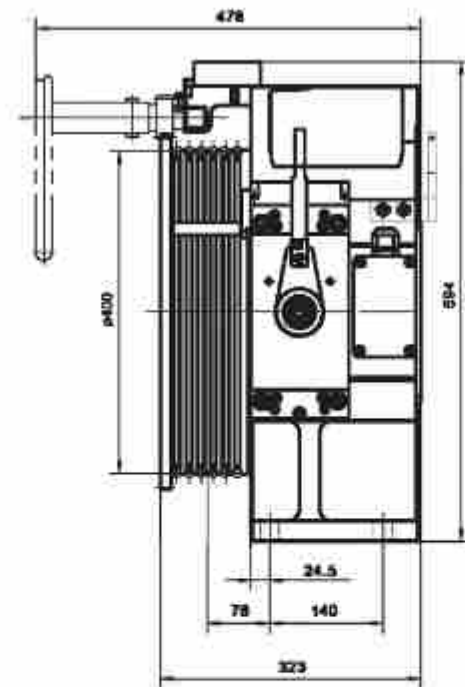
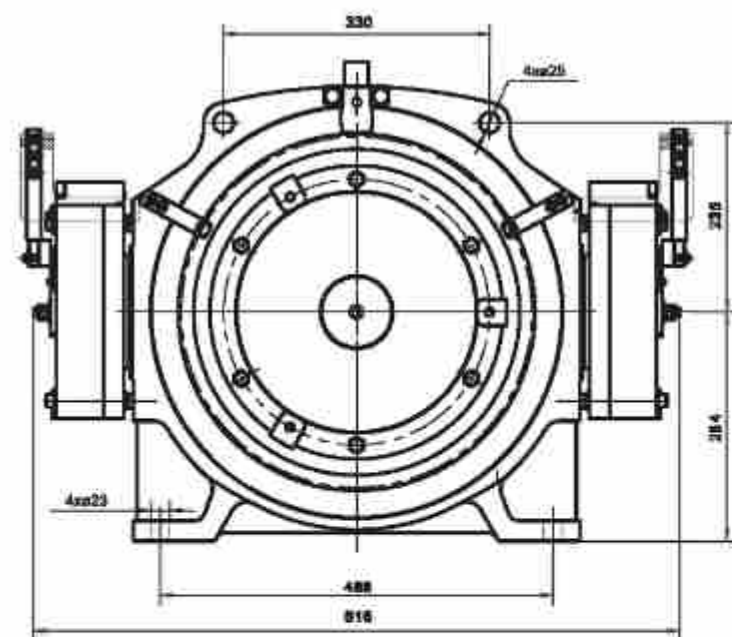
Remarks:
1. Both hand winch and hand winch-less types are available.
2. Remote release device is available, the length of releasing wire ranges 4~10m.

GETM3.0H

允许转向负荷 Max. axle load	3000kg
曳引机重量 Motor weight	315kg
启动次数(次/小时) Start up time	180
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	2只DZD1-500



外形尺寸图 Overall Dimensions



- 注：1. 本机型分为有绳车和无绳车两种状态；
2. 可配备远程松绳装置，松绳线长4~10米。

Remarks:
1. Both hand wind and hand wind-less types are available.
2. Remote release device is available, the length of releasing wire ranges 4~10m.

规格表 Specification table

型 号 Product type	曳引比 Traction Ratio	额定 载重 Load kg	额定 速度 Rated Speed (m/s)	额定 功率 Rated Power (kW)	额定 电压 Rated Voltage (V)	电机 Motor					制动器 Brake			制动器 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	极数 Poles (p)	频率 Frequency (Hz)	行程 Stroke (mm)	绳径 Rope (mm)	绳头 Stitch (mm)	电压 Voltage (V)	电压 Voltage (V)
GETM3.0H-100/0800	2:1	800	1	96	502	5.0	340	12	32	25.4	400	≤8mm10	15	≤2x1.5	DC110
GETM3.0H-150/0800			1.5	143	521	7.8		17		38.1					
GETM3.0H-175/0800			1.75	167	514	9.0		21		44.5					
GETM3.0H-200/0800			2.0	191	535	10.7		24		50.9					
GETM3.0H-100/1000	2:1	1000	1	96	604	6.0	340	14	32	25.4	400	≤8mm10	15	≤2x1.5	DC110
GETM3.0H-150/1000			1.5	143	609	10.0		23		38.1					
GETM3.0H-175/1000			1.75	167	609	11.7		26		44.5					
GETM3.0H-200/1000			2.0	191	609	13.4		30		50.9					
GETM3.0H-100/1050	2:1	1050	1	96	688	6.9	340	16	32	25.4	400	≤8mm10	15	≤2x1.5	DC110
GETM3.0H-150/1050			1.5	143	688	10.3		23		38.1					
GETM3.0H-175/1050			1.75	167	688	12.0		27		44.5					
GETM3.0H-200/1050			2.0	191	688	14.0		32		50.9					
GETM3.0H-100/1150	2:1	1150	1	96	750	7.5	340	17	32	25.4	400	≤8mm10	15	≤2x1.5	DC110
GETM3.0H-150/1150			1.5	143	750	11.3		25		38.1					
GETM3.0H-175/1150			1.75	167	750	13.2		30		44.5					
GETM3.0H-200/1150			2.0	191	750	15.0		35		50.9					

注：1. 以上数据仅供参考，具体参数请以 OCF 表为准； 2. 绳径范围：8mm-10mm，绳头绳尾可根据客户要求定制；
Note: 1. Above parameters for information only, that parameters shall be as per OCF. 2. Quantity of rope grooves number, if angle and y angle can be tailor-made according to customer's requests.

型 号 Product type	曳引比 Traction Ratio	额定 载重 Load kg	额定 速度 Rated Speed (m/s)	额定 功率 Rated Power (kW)	额定 电压 Rated Voltage (V)	电机 Motor					制动器 Brake			制动器 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	极数 Poles (p)	频率 Frequency (Hz)	行程 Stroke (mm)	绳径 Rope (mm)	绳头 Stitch (mm)	电压 Voltage (V)	电压 Voltage (V)
GETM3.0H-100/0630	1:1	630	1	48	775	3.8	340	11	32	12.8	400	≤8mm10	15	≤2x1.5	DC110
GETM3.0H-175/0630			1.75	84	772	6.8		17							

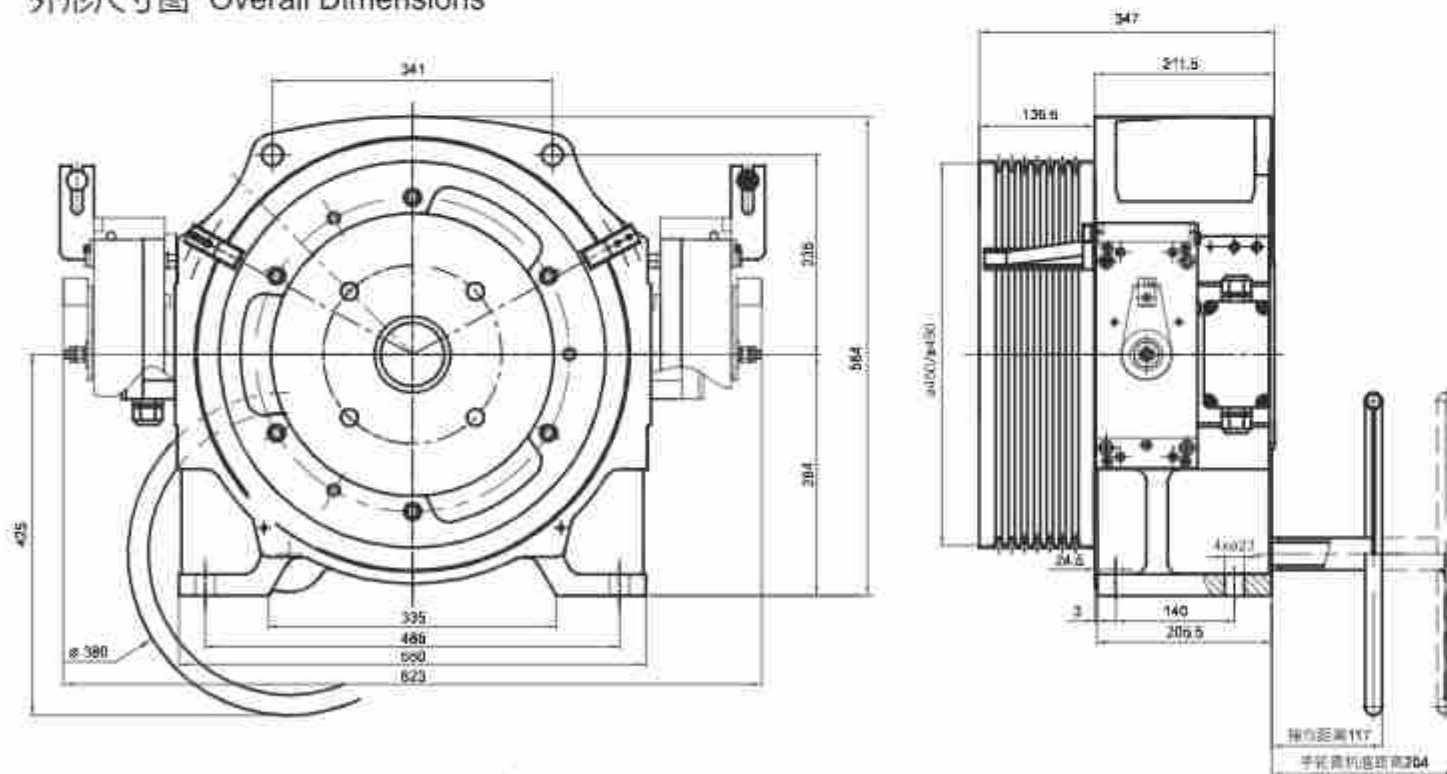
注：1. 以上数据仅供参考，具体参数请以 OCF 表为准； 2. 绳径范围：8mm-10mm，绳头绳尾可根据客户要求定制；
Note: 1. Above parameters for information only, that parameters shall be as per OCF. 2. Quantity of rope grooves number, if angle and y angle can be tailor-made according to customer's requests.

GETM3.5H

允许轴向载荷 Max. axle load	3500kg
曳引机重量 Motor weight	360-465kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	2只DZD1-500



外形尺寸图 Overall Dimensions



- 注：1、本机分为有绳和无绳两种状态；
2、可配备远程松绳装置，松绳绳长4~10米；
3、曳引轮绳径分为φ490和φ490两种。

- Remarks:
1.Both hand wind and hand windless types are available
2.Remote release device is available,the length of releasing wire ranges 4~10m.
3.The pitch of the traction sheave has two options as 490mm/490mm.

规格表 Specification table

型号 Product Name	传动比 Transmission Ratio	额定载荷 Load (kg)	额定速度 Rated Speed (m/s)	额定绳径 Rated Rope Diameter (mm)	额定绳速 Rated Speed (m/min)	电机 Motor					曳引轮 Sheave			制动盘 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	转速 Speed (r/min)	频率 Frequency (Hz)	直径 Diameter (mm)	绳径 Rope (mm)	绳速 Speed (m/min)	电流 Current (A)	电压 Voltage (V)
GETM3.5H-175/0800	2:1	800	1.75	138	604	8.8	340	21	32	38.3	460	≤7×φ10	15	≤2×1.5	DC110
GETM3.5H-200/0800			2.0	156	604	9.8		24		41.8		≤7×φ10			
GETM3.5H-250/0800			2.5	195	604	12.3		29		52.0		≤7×φ10			
GETM3.5H-175/1000	2:1	1000	1.75	138	750	10.7	340	26	32	38.3	460	≤7×φ10	15	≤2×1.5	DC110
GETM3.5H-200/1000			2.0	156	750	12.3		30		41.8		≤7×φ10			
GETM3.5H-250/1000			2.5	195	750	15.3		35		52.0		≤7×φ10			
GETM3.5H-100/0800	2:1	800	1	85	604	5.4	340	12	32	22.7	460	≤7×φ10	15	≤2×1.5	DC110
GETM3.5H-150/0800			1.5	127	604	8.0		18		33.9		≤7×φ10			
GETM3.5H-175/0800			1.75	149	604	9.4		22		39.7		≤7×φ10			
GETM3.5H-200/0800			2.0	170	604	9.8		23		45.3		≤7×φ10			
GETM3.5H-250/0800			2.5	212	604	12.3		26		56.5		≤7×φ10			
GETM3.5H-100/1000	2:1	1000	1	85	688	6.1	340	15	32	22.7	460	≤7×φ10	15	≤2×1.5	DC110
GETM3.5H-150/1000			1.5	127	688	9.2		22		33.9		≤7×φ10			
GETM3.5H-175/1000			1.75	149	688	10.7		25		39.7		≤7×φ10			
GETM3.5H-200/1000			2.0	170	688	12.3		27		45.3		≤7×φ10			
GETM3.5H-250/1000			2.5	212	688	15.8		35		56.5		≤7×φ10			
GETM3.5H-100/1050	2:1	1050	1.0	85	723	6.4	340	18	32	22.7	460	≤7×φ10	15	≤2×1.5	DC110
GETM3.5H-150/1050			1.5	127	723	9.6		23		33.9		≤7×φ10			
GETM3.5H-175/1050			1.75	149	723	11.3		28		39.7		≤7×φ10			
GETM3.5H-200/1050			2.0	170	723	12.9		27		45.3		≤7×φ10			
GETM3.5H-250/1050			2.5	212	723	16.1		39		56.5		≤7×φ10			
GETM3.5H-100/1150	2:1	1150	1.0	85	793	7.0	340	18	32	22.7	460	≤8×φ10	16	≤2×1.5	DC110
GETM3.5H-150/1150			1.5	127	793	10.6		23		33.9		≤8×φ10			
GETM3.5H-175/1150			1.75	149	793	12.3		28		39.7		≤8×φ10			
GETM3.5H-200/1150			2.0	170	793	14.1		30		45.3		≤8×φ10			
GETM3.5H-250/1150			2.5	212	793	17.5		40		56.5		≤8×φ10			

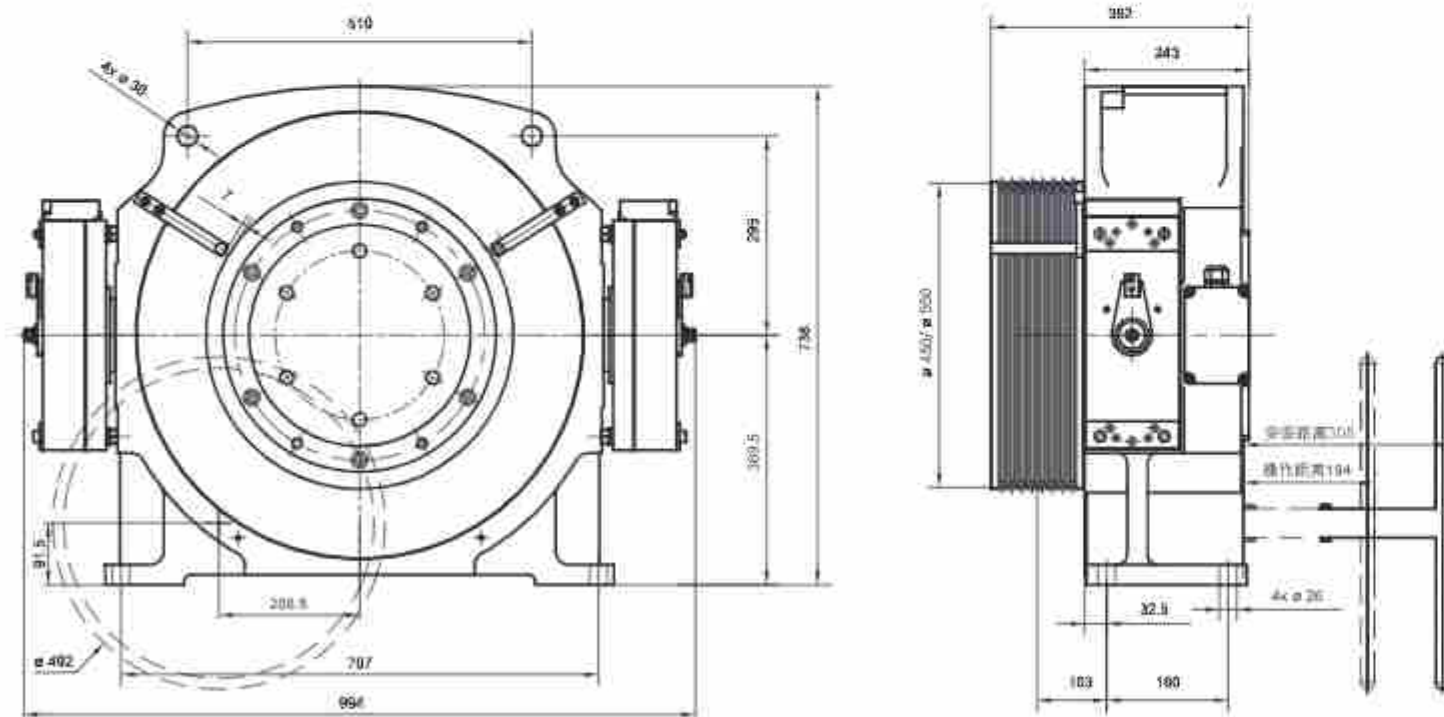
注：1、以上数据仅供参考，具体参数请以（10H）型为准； 2、绳径数据：（10H）型电机绳径为10mm，（11H）型电机绳径为11mm。
Note: 1. Above parameters for information only, final parameters shall be as per DCP. 2. Quantity of rope groove number, S angle and y angle can be taken as per customer's request.

GETM6.0H

许用径向载荷 Max. axle load	5000kg
电动机质量 Motor weight	650-780kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	2只GZD1-653



外形尺寸图 Overall Dimensions



- 注：1. 本机分为有绳车和无绳车两种状态；
2. 1000kg 可配备远程松绳装置，松绳绳长 4~10 米；
3. 2000kg 不配远程松绳装置。

Remark:
1. Both hand-wind and hand-windless is available for this type of machine.
2. Remote releasing device is available for 1000kg machine, and the length of brake wire ranges from 4m to 10m.
3. Remote releasing device is not available for 2000kg machine.

规格表 Specification table

型号 Product type	传动比 Transmission ratio	额定 功率 1000 /kg	额定 速度 Constant Speed (m/s)	额定 绳速 Rated Speed (m/min)	额定 绳径 Rated rope (mm)	电机 Motor					曳引轮 Sheave			制动器 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	额定转速 Rated speed (r/min)	频率 Frequency (Hz)	直径 Diameter (mm)	绳径 Rope (mm)	绳槽 Rope groove (mm)	电流 Current (A)	电压 Voltage (V)
GETM6.0H-100/1350	2:1	1350	1	85	992	8.8	340	20	32	22.7	450	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-150/1350		1350	1.5	127	992	13.2		30				≤8×φ10			
GETM6.0H-160/1350		1350	1.6	136	992	14.1		34				≤8×φ10			
GETM6.0H-175/1350		1350	1.75	149	992	15.4		34				≤8×φ10			
GETM6.0H-200/1350		1350	2	170	992	17.6		38				≤8×φ10			
GETM6.0H-250/1350	2:1	1350	2.5	212	992	22.1	340	46	32	22.7	450	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-100/1600		1600	1	85	1176	10.5		23				≤8×φ10			
GETM6.0H-150/1600		1600	1.5	127	1176	15.7		35				≤8×φ10			
GETM6.0H-160/1600		1600	1.6	136	1176	16.7		39				≤8×φ10			
GETM6.0H-175/1600		1600	1.75	149	1176	18.3		39				≤8×φ10			
GETM6.0H-200/1600	2:1	1600	2	170	1176	20.9	340	44	32	22.7	450	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-250/1600		1600	2.5	212	1176	26.1		55				≤8×φ10			
GETM6.0H-100/1150		1150	1	69	1033	7.5		18			550	≤6×φ10	15	≤2×1.2	DC110
GETM6.0H-150/1150		1150	1.5	104	1033	11.2		25				≤6×φ10			
GETM6.0H-175/1150		1150	1.75	122	1033	13.2		29				≤6×φ10			
GETM6.0H-200/1150		1150	2	139	1033	15.0		34				≤6×φ10			
GETM6.0H-250/1150		1150	2.5	174	1033	18.7		42				≤6×φ10			
GETM6.0H-300/1150	2:1	1150	3	206	1033	22.5	340	48	32	22.7	550	≤6×φ10	15	≤2×1.2	DC110
GETM6.0H-100/1350		1350	1	85	1213	8.8		21		18.4	450	≤7×φ10	15	≤2×1.2	DC110
GETM6.0H-150/1350		1350	1.5	104	1213	13.2		30				≤7×φ10			
GETM6.0H-175/1350		1350	1.75	122	1213	15.4		35				≤7×φ10			
GETM6.0H-200/1350		1350	2	139	1213	17.6		40				≤7×φ10			
GETM6.0H-250/1350		1350	2.5	174	1213	22.1		46				≤7×φ10			
GETM6.0H-300/1350	2:1	1350	3	206	1213	26.5	340	57	32	18.4	550	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-100/1600		1600	1	85	1437	10.5		23				≤8×φ10			
GETM6.0H-150/1600		1600	1.5	104	1437	15.7		35				≤8×φ10			
GETM6.0H-175/1600		1600	1.75	122	1437	18.3		40				≤8×φ10			
GETM6.0H-200/1600		1600	2	139	1437	20.9		46				≤8×φ10			
GETM6.0H-250/1600	2:1	1600	2.5	174	1437	26.1	340	56	32	18.7	480	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-300/1600		1600	3	206	1437	32.1		70				≤8×φ10			
GETM6.0H-100/0800	1:1	800	1	43	1103	5.0	340	12	32	11.3	450	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-175/0800		800	1.75	74	1103	9.6		21				≤8×φ10			
GETM6.0H-200/0800		800	2	88	1103	10.0		24				≤8×φ10			
GETM6.0H-100/1000	1:1	1000	1	40	1470	6.1	340	15	32	16.7	480	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-175/1000		1000	1.75	70	1470	10.7		26				≤8×φ10			
GETM6.0H-200/1000		1000	2	85	1470	12.3		29				≤8×φ10			
GETM6.0H-100/1150	1:1	1150	1	40	1691	7.1	340	17	32	10.7	480	≤8×φ10	15	≤2×1.2	DC110
GETM6.0H-175/1150		1150	1.75	70	1691	12.3		29				≤8×φ10			
GETM6.0H-200/1150		1150	2	80	1691	14.1		34				≤8×φ10			

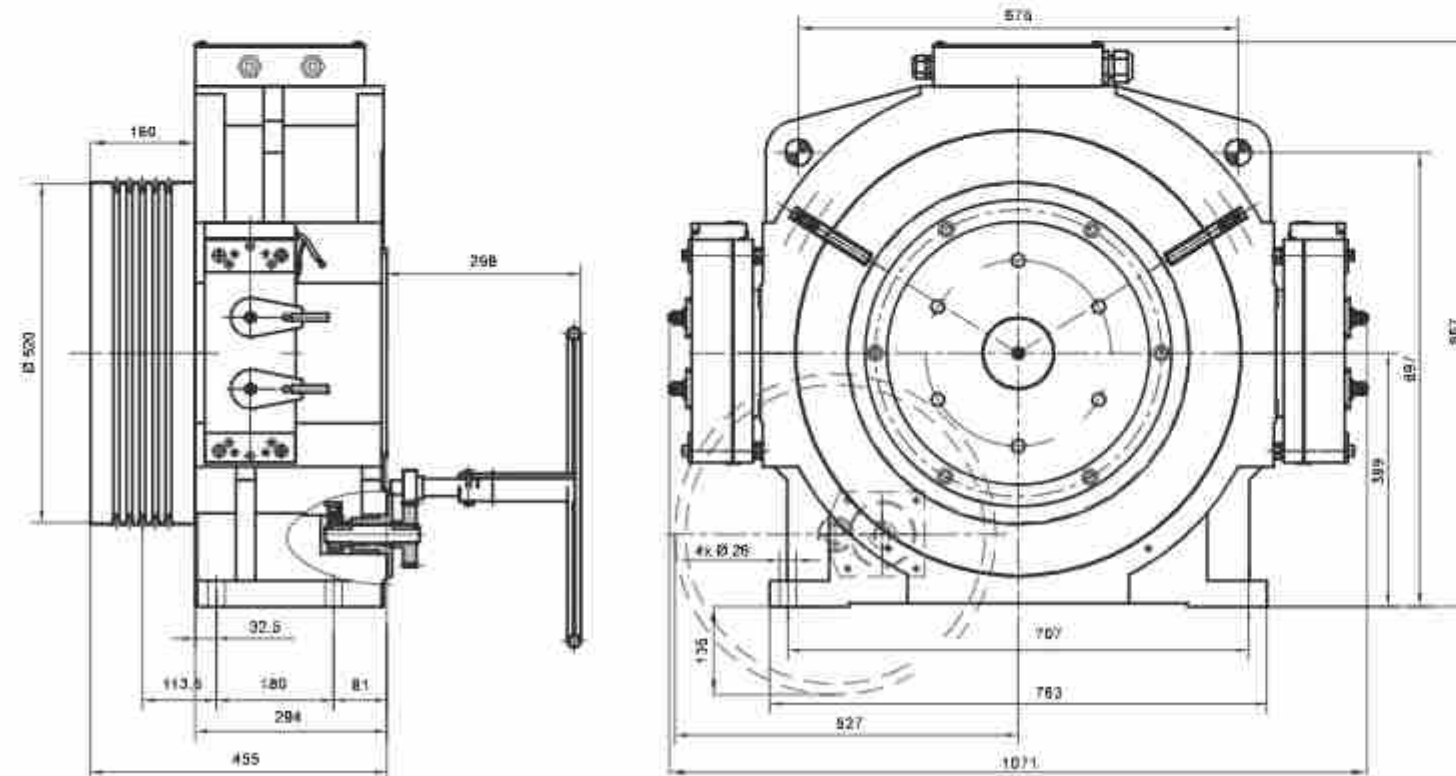
注：1. 以上数据仅供参考，具体数据请以 GDF 为准。 2. 绳槽型式、数量、绳径可根据客户要求进行定制。
Remark: 1. Above parameters for reference only, final parameters shall be as per GDF. 2. Quantity of rope groove, rope diameter and rope type can be set as per customer's requests.

GETM8.0H



允许径向载荷 Max. axle load	8000kg
电动机质量 Motor weight	1610kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	2只DZD1-21800/2只 DZD1-25000

外形尺寸图 Overall Dimensions



规格表 Specification table

型号 Product type	额定功率 Rated Power kW	额定速度 Rated Speed m/min	额定转矩 Rated Torque Nm	电机 Motor					制动器 Brake		
				功率 Power kW	电压 Voltage V	电流 Current A	转矩 Torque Nm	频率 Frequency Hz	制动 Brake mm	制动 Brake mm	制动 Brake mm
GETM8.0H-100/2000			1	74	1737	13.4		32	19.6		
GETM8.0H-150/2000			1.5	110	1737	20.0		44	26.3		
GETM8.0H-175/2000	2:1	2000	1.75	128	1737	23.4	340	52	34.3	520	≤7+g13
GETM8.0H-200/2000			2	147	1737	25.7		63	39.2		
GETM8.0H-250/2000			2.5	184	1737	33.4		76	48.1		
GETM8.0H-100/2500			1	74	2172	16.7		35	19.6		
GETM8.0H-150/2500			1.5	110	2172	23.0		50	26.3		
GETM8.0H-175/2500	2:1	2500	1.75	128	2172	26.2	340	60	34.3	520	≤7+g13
GETM8.0H-200/2500			2	147	2172	33.4		75	39.2		
GETM8.0H-250/2500			2.5	184	2172	41.8		88	48.1		

型号 Product type	额定功率 Rated Power kW	额定速度 Rated Speed m/min	额定转矩 Rated Torque Nm	电机 Motor					制动器 Brake		
				功率 Power kW	电压 Voltage V	电流 Current A	转矩 Torque Nm	频率 Frequency Hz	制动 Brake mm	制动 Brake mm	制动 Brake mm
GETM8.0H-100/1350			1	37	2150	8.3		29	6.9		
GETM8.0H-175/1350	1:1	1350	1.75	64	2150	14.8	340	35	17.1	520	≤7+g13
GETM8.0H-200/1350			2	74	2150	16.5		40	19.7		
GETM8.0H-100/1600			1	37	2648	9.6		24	9.9		
GETM8.0H-175/1600	1:1	1600	1.75	64	2648	17.2	340	41	17.1	520	≤7+g13
GETM8.0H-200/1600			2	74	2648	19.6		47	19.7		

注：1. 以上数据仅供参考，具体参数请以 ODF 表为准；2. 规格参数：[功率、电压、电流、频率] 均可根据客户要求进行定制。
Note: 1. Above parameters for reference only, final parameters shall be as per ODF. 2. Quantity of type please number; 3. Voltage and Y angle can be tailor-made according to customer's requests.



超薄主机系列 Flat Machine



使用光电编码器前置，可在不移动导轨的情况下拆装编码器
The photoelectric encoder is used in front and the encoder can be disassembled without moving the guide rail.

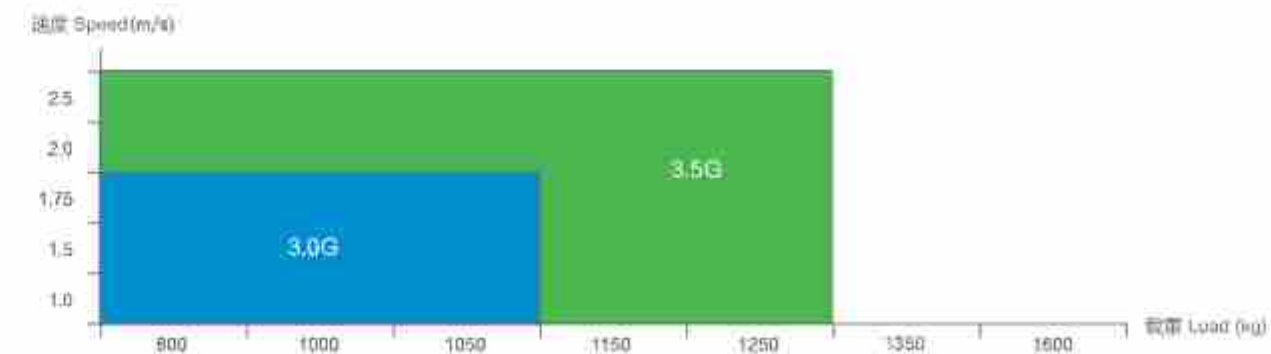


选用静音、快调制动器，工地调节维护简便。
Super-quiet & easily-adjustable brakes used, make the work-site maintenance and adjustment an easy job.



可用于导轨安装
Applicable for rail mounting.

产品系列 Products Series





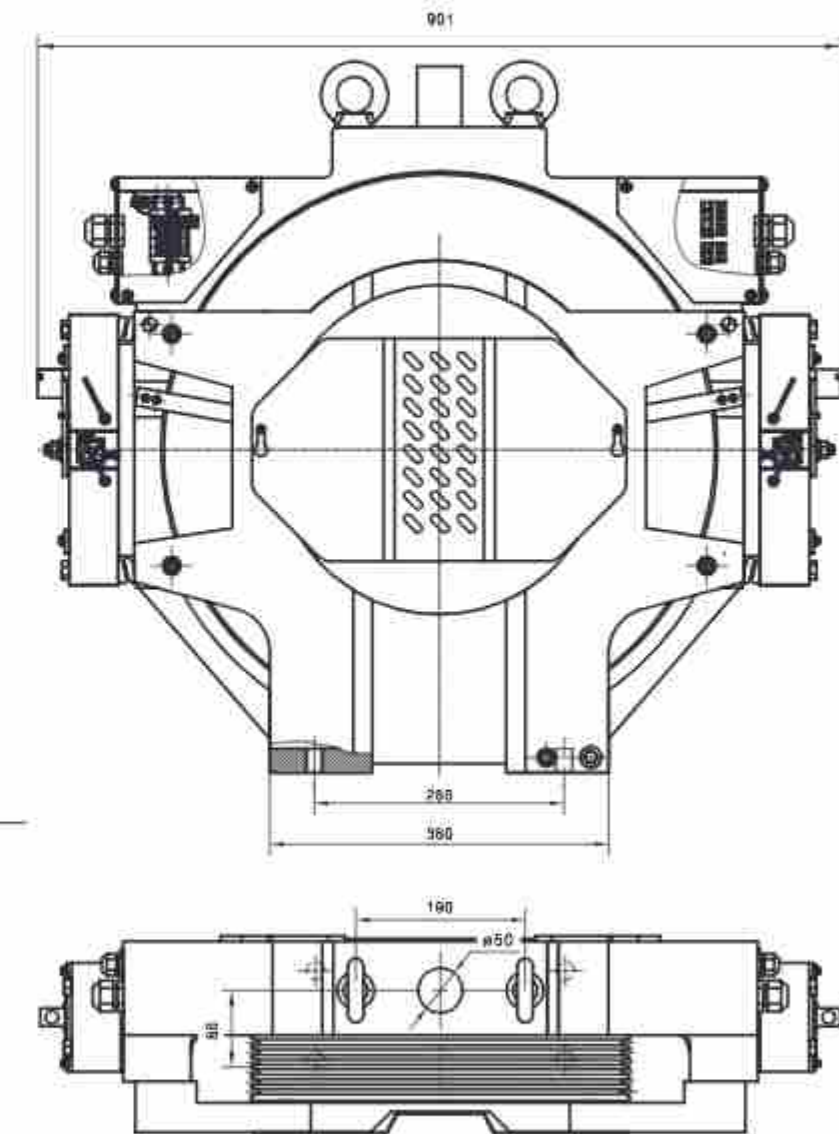
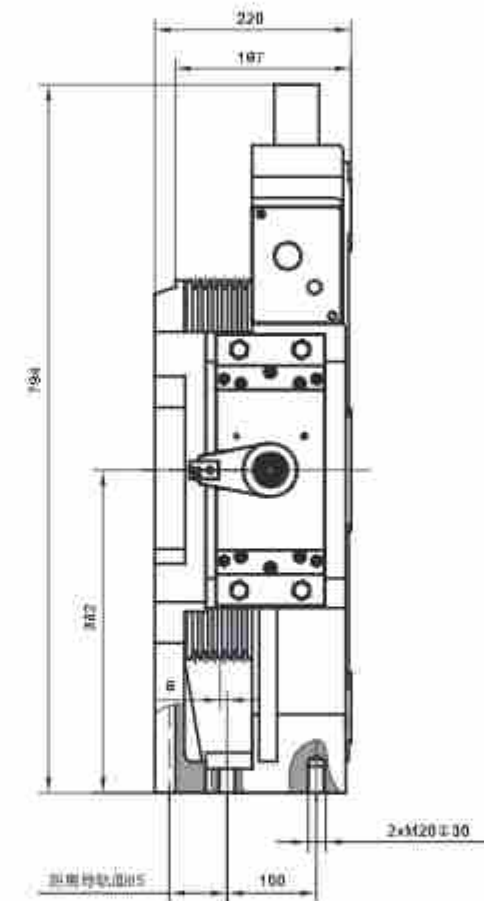
许用轴向载荷 Max. axle load	3000kg
牵引电动机重量 Motor weight	330kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	F(155)
制动装置型号及数量 Brake type	2只DZD2

规格表 Specification table

型 号 Product type	额定功率 Rated Power	额定电压 Rated Voltage	额定转速 Rated Speed	额定转矩 Rated Torque	额定电流 Rated Current	电机 Motor					控制柜 Cabinet			制动 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	转矩 Torque (N·m)	频率 Frequency (Hz)	节电 Current (A)	相数 Phase (P)	额定 Current (A)	电压 Current (V)	电压 Voltage (V)
GETM3 0G-100/030	2.1	630	1	91	402	3.8	340	8	40	15.2	420	38+90	11	≤2x1.5	DC110
GETM3 0G-150/030			1.5	136	402	5.7		14		22.7					
GETM3 0G-175/030			1.75	159	402	6.7		17		26.5					
GETM3 0G-175/030			2	182	402	7.8		19		30.4					
GETM3 0G-100/080	2.1	800	1	91	510	4.8	340	12	40	15.2	420	38+90	11	≤2x1.5	DC110
GETM3 0G-150/080			1.5	136	510	7.2		17		22.7					
GETM3 0G-175/080			1.75	159	510	8.3		21		26.5					
GETM3 0G-175/080			2	182	510	9.8		23		30.4					
GETM3 0G-100/1000	2.1	1000	1	81	630	5	340	14	40	15.2	420	38+90	11	≤2x1.5	DC110
GETM3 0G-150/1000			1.5	136	630	9.0		23		22.7					
GETM3 0G-175/1000			1.75	159	630	10.8		26		26.5					
GETM3 0G-175/1000			2	182	630	12.0		28		30.4					
GETM3 0G-100/1050	2.1	1050	1	91	665	6.3	340	18	40	15.2	420	38+90	11	≤2x1.5	DC110
GETM3 0G-150/1050			1.5	136	665	9.5		23		22.7					
GETM3 0G-175/1050			1.75	159	665	11.1		27		26.5					
GETM3 0G-175/1050			2	182	665	12.6		30		30.4					

注: 1. 以上数据仅供参考, 具体参数请以 00F 图为准; 2. 根据经验, 目前 500 吨阿拉伯胶在非洲的日产量

Mean: 1. Mean parameters for individual rats; final parameters used for the DCF; 2. Quantity of rope given number 3 and 4 rope can be taken from according to continuous regimen





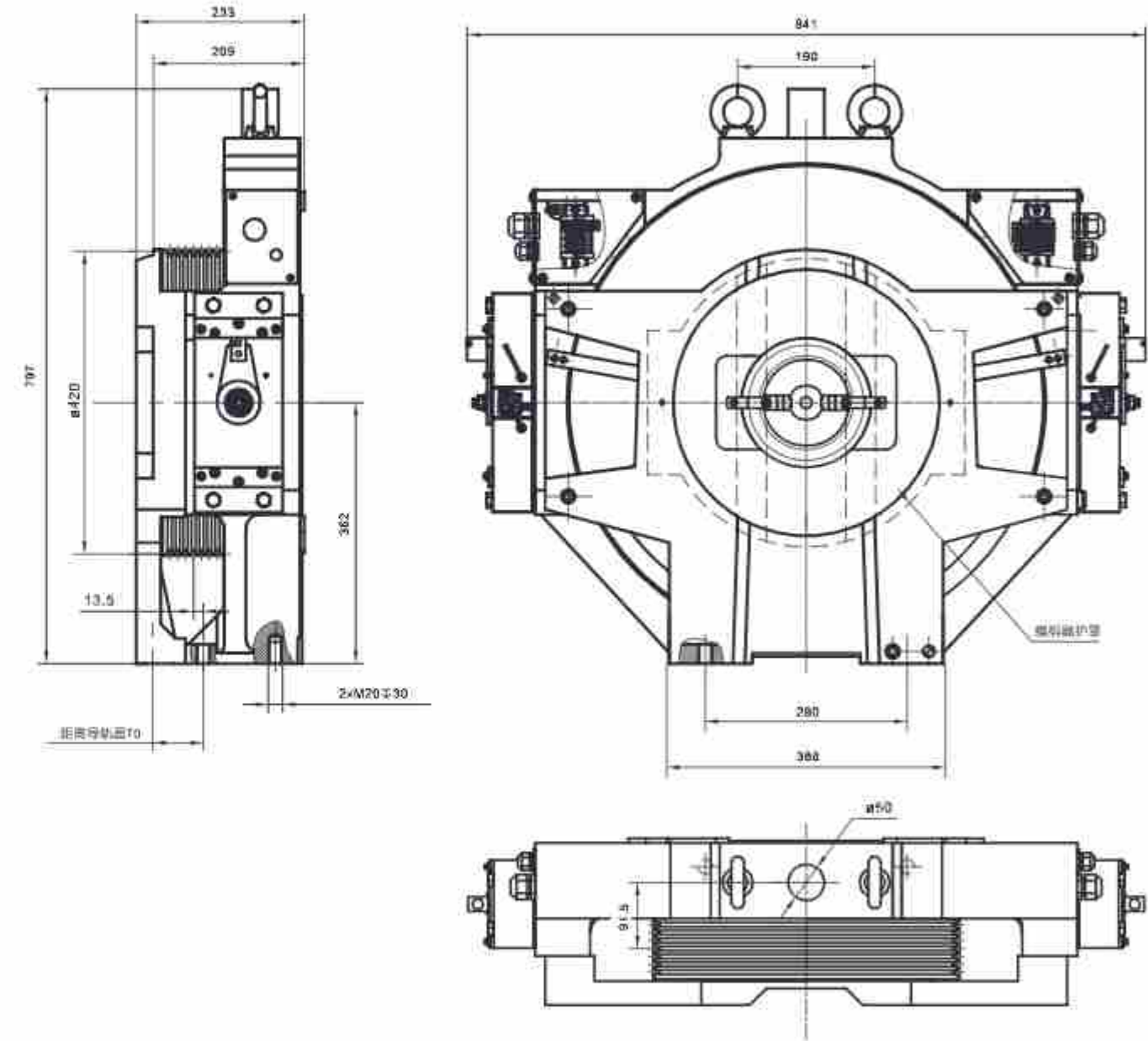
许用轴向载荷 Max. axle load	3500kg
牵引电动机重量 Motor weight	340kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	F(155℃)
制动轴型号及数量 Brake type	2只DZ102

规格表 Specification table

产品型号 Product type	轴高 H Shaft rise	额定功率 Rated Power kW	额定速度 Rated Speed rpm	额定转矩 Rated Torque N·m	电机 Motor					安装尺寸 Service			接口尺寸 Interface		
					功率 Power kW	电压 Voltage V	额定 Current A	额定 Power W	频率 Frequency Hz	中心 Distance mm	轴径尺寸 Shaft φmm	轴长 Shaft length mm	额定 Current A	额定 Torque N·m	
GETM3.5G-100/1150	2.1	1150	1	91	728	6.9	340	16	20	15.2	420	≤8×φ8	11	≤2×1.5	DC110
GETM3.5G-150/1150			1.5	136	728	10.4		23		22.7					
GETM3.5G-175/1150			1.75	159	728	12.1		27		26.5					
GETM3.5G-200/1150			2	182	728	13.8		31		30.3					
GETM3.5G-250/1150			2.5	227	728	17.3		39		37.8					
GETM3.5G-100/1250	2.1	1250	1	91	791	7.5	340	17	20	15.2	420	≤7×φ8	11	≤2×1.5	DC110
GETM3.5G-150/1250			1.5	136	791	11.3		26		22.7					
GETM3.5G-175/1250			1.75	159	791	13.1		29		29.5					
GETM3.5G-200/1250			2	182	791	15.0		34		30.3					
GETM3.5G-250/1250			2.5	227	791	18.8		42		37.8					

注：1. 以上参数仅供参考，具体参数请以 ODF 表为准；2. 根据道路、沟槽、管沟等实际情况进行计算；
Note: 1. Above parameter for information only. Real parameter still has to refer ODF. 2. Quantity of pipe groove number. If angle and y_angle cannot take inside according to customer's request.

外形尺寸图 Overall Dimensions





条形机系列 Bar-Shaped Machine

该系列主机采用自主研发耐高温稀土材料磁钢，精选国际知名配件，并运用内转子结构，使产品各项技术指标远远优于行业标准。该系列主机采用长条型结构，使整体结构紧凑，体积小，同时噪音低。卓越品质和优异性能使其适用于无机房、小机房客梯等。

High-performance heat-resisting NdFeB magnet is adopted, key parts are sourced from world famous suppliers and external rotor construction is adopted, all of which makes the performance exceeds the requirements in relevant industrial standards. This series of machine is of flat or bar shape, which makes the machine compact in structure and small in size. The noise level is low. The remarkable quality and outstanding performance makes this series an ideal choice for MRL elevator and MMR elevator.



低温升、低噪音、高效平稳

Low temperature rise, low noise level, high efficient and smooth.



采用自制耐高温稀土材料磁钢，稳定可靠，并设置电机过热保护装置，确保电机永不退磁

In-house made heat-resisting NdFeB magnet is adopted to insure the reliability and stability. Thermal switch is furnished to make sure that the demagnetization will never occur.



ZSD1 制动器同时满足新国标、新型规范要求

ZSD1 brake meets the requirements of new national standards and new specifications

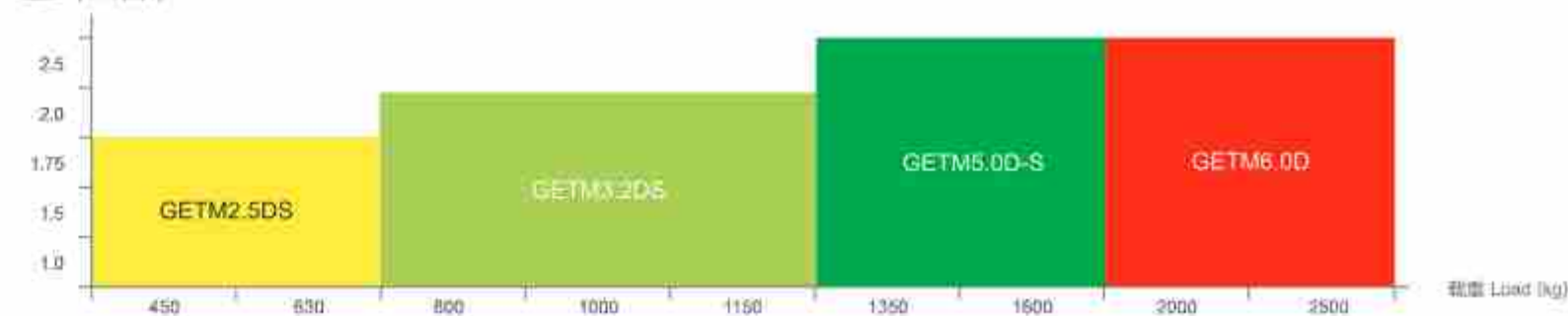


制动器采用快调结构，维护简便

The brake adopts quick-adjusting structure, which is easy to maintain

产品系列 Products Series

速度 Speed (m/s)



GETM2.5DS



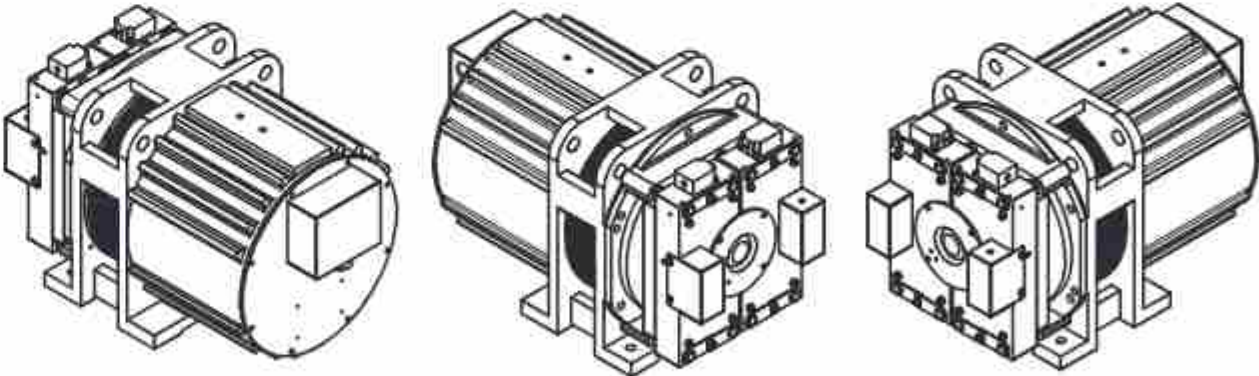
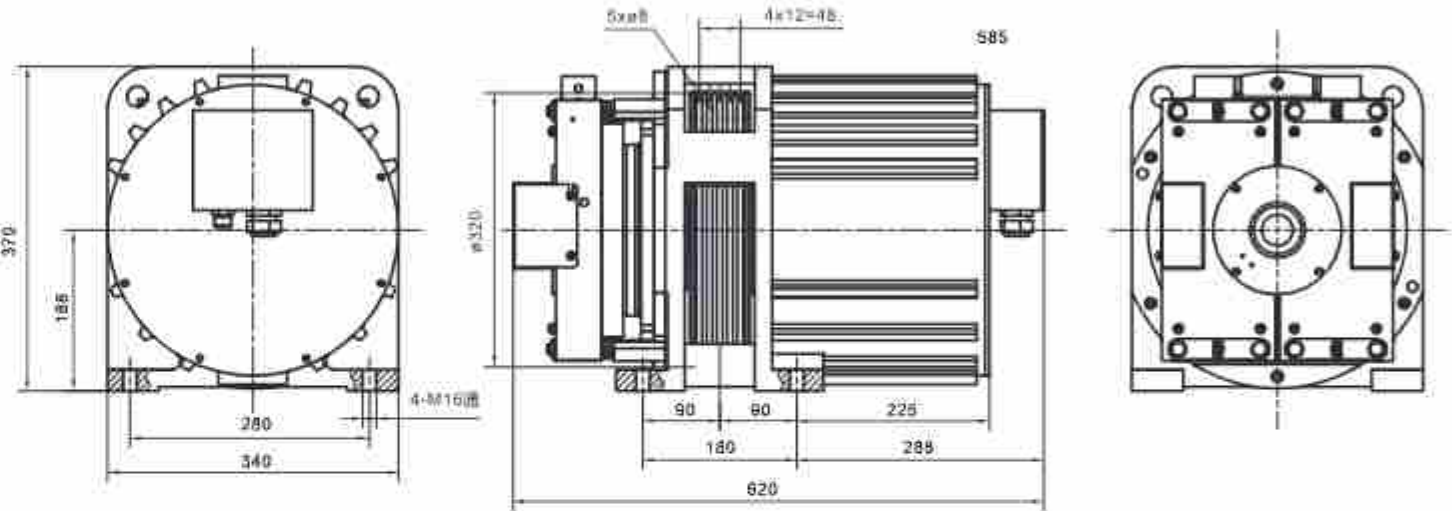
许用径向载荷 Max. axle load	2500kg
电机机壳重量 Motor weight	200kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	F
制动器型号及数量 Brake type	1对ZSD1-450

规格表 Specification table

型 号 Product type	速 比 Reducer Ratio	额定 功率 Load P _N kg	额定 速度 Rated Speed n _m r/min	额定 转矩 Rated Torque T _N N·m	电机 Motor					制动器 Brake			制动盘 Brake		
					功率 Power P _N kW	电压 Voltage U _N V	电流 Current I _N A	频率 Frequency f _N Hz	制动 Brake P _N kW	制动 Brake P _N kW	制动 Brake P _N kW	电压 Voltage U _N V	电流 Current I _N A		
GETM2.5DS-100/0630	2:1	630	1	119	329	4.1	340	10	20	19.8	320	15±0.8	12	≤2x1.5	DC 110V
GETM2.5DS-150/0630			1.5	179	337	6.3		29.8							
GETM2.5DS-175/0630			1.75	209	337	7.4		34.8							

注：1、以上数据仅供参考，具体参数请以 GEF 为准； 2、绝缘等级：F 级； 3、制动器型号及数量：1 对 ZSD1-450。
Note: 1. Above parameters for information only, final parameters shall be as per GEF. 2. Quality of rope groove number, angle and y angle can be taken made according to customer's request.

外形尺寸图 Overall Dimensions



GETM3.2DS



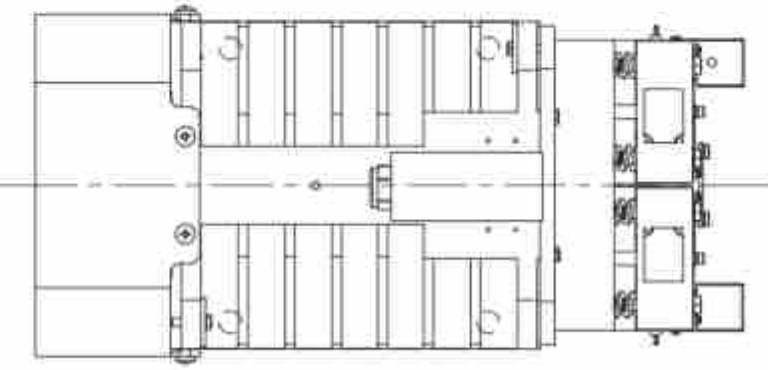
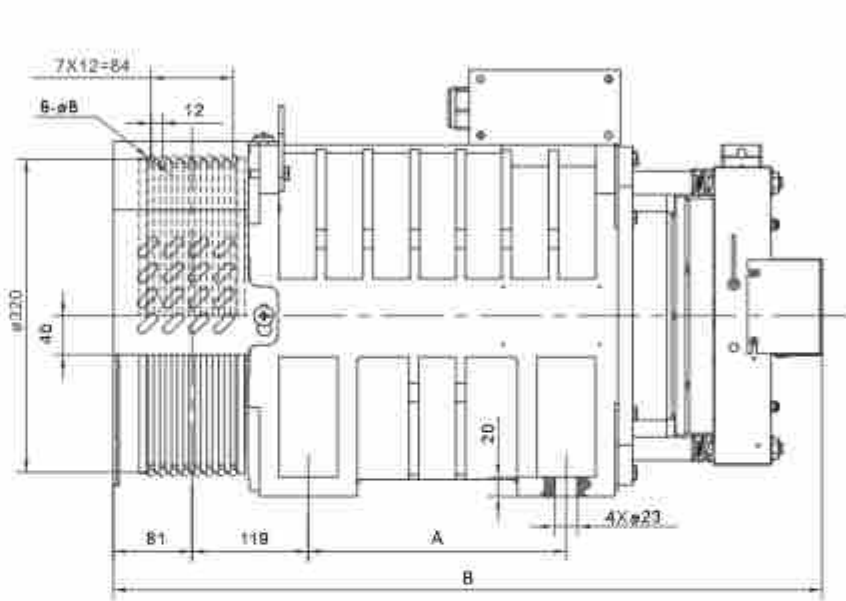
许用径向载荷 Max. axle load	3200kg/3500kg
电动机额定重量 Motor weight	260kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	F(55℃)
制动器型号及数量 Brake type	12ZSD1-770

规格表 Specification table

型 号 Product type	速 比 Traction Ratio	额 定 转 速 rpm	额 定 速 度 m/s	额 定 功 率 kW	额 定 电 流 A	电 机 Motor				减 速 器 Gearbox			制 动 器 Brake		
						功 率 Power kW	电 压 Voltage V	电 流 Current A	转 速 RPM	转 径 Diameter mm	轴 距 Pitch mm	轴 径 Shaft Diam mm	制 动 力矩 Braking Torque Nm	电 压 Voltage V	
GETM3.2DS-100/0630	2:1	630	1	119	329	4.1	340	10	20	19.5	320	≤8×φ8	12	≤2×1.5	DC110
GETM3.2DS-150/0630			1.5	179	337	9.3		15		29.5					
GETM3.2DS-175/0630			1.75	209	337	7.4		17		34.5					
GETM3.2DS-200/0630			2	239	337	8.4		20		39.5					
GETM3.2DS-100/0800	2:1	800	1	119	401	5.0	340	13	20	19.5	320	≤8×φ8	12	≤2×1.5	DC110
GETM3.2DS-150/0800			1.5	179	401	7.5		18		29.5					
GETM3.2DS-175/0800			1.75	209	401	9.3		22		34.5					
GETM3.2DS-200/0800			2	239	401	10.7		27		39.5					
GETM3.2DS-100/1000	2:1	1000	1	119	482	6.0	340	15	20	19.5	320	≤8×φ8	12	≤2×1.5	DC110
GETM3.2DS-150/1000			1.5	179	482	9.0		22		29.5					
GETM3.2DS-175/1000			1.75	209	534	11.7		28		34.5					
GETM3.2DS-200/1000			2	239	534	13.4		32		39.5					
GETM3.2DS-100/1050	2:1	1050	1	119	506	6.3	340	16	20	19.5	320	≤8×φ8	12	≤2×1.5	DC110
GETM3.2DS-150/1050			1.5	179	506	9.5		23		29.5					
GETM3.2DS-175/1050			1.75	209	561	12.3		30		34.5					
GETM3.2DS-200/1050			2	239	561	14.0		34		39.5					
GETM3.2DS-100/1150	2:1	1150	1	119	616	7.7	340	20	20	19.5	320	≤8×φ8	12	≤2×1.5	DC110
GETM3.2DS-150/1150			1.5	179	616	11.5		27		29.5					
GETM3.2DS-175/1150			1.75	209	616	13.5		30		34.5					
GETM3.2DS-200/1150			2	239	616	15.4		37		39.5					

注：1、以上各参数仅供参考，具体参数以 CCF 官方为准；2、绳槽数量、绳径、电压和行程等参数可根据客户要求定制。
Note: 1. Above parameters for information only. final parameters shall be as per CCF. 2. Quantity of rope grooves number, rope diameter and travel can be order-made according to customer's request.

外形尺寸图 Overall Dimensions



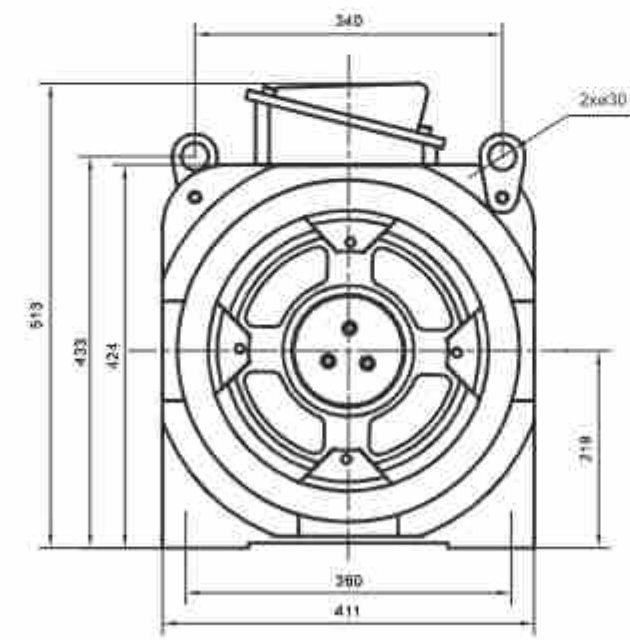
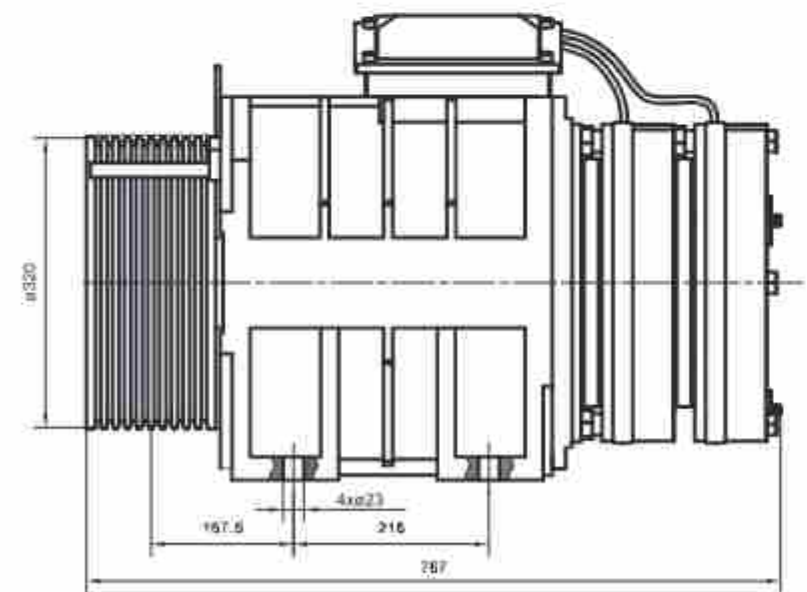
载重/kg	A	B
800-1050	228	661
1150	264	725

GETM5.0D-S



许用径向载荷 Max. axle load	5000kg
电机机座重量 Motor weight	435kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	F(155)
制动器型号及数量 Brake type	2只ZZD1-1100

外形尺寸图 Overall Dimensions



规格表 Specification table

型号 Product type	减速比 Reduction Ratio	额定速度 Rated speed V _N	额定功率 Rated Power P _N (kW)	额定转矩 Rated Torque T _N (Nm)	电机 Motor				制动器 Brake			制动器 Brake	
		额定速度 V _N	额定功率 P _N (kW)	额定转矩 T _N (Nm)	电压 Voltage V	电流 Current A	功率 Power W	频率 Frequency Hz	制动 Brake V	制动 Brake A	制动 Brake W	制动 Brake V	制动 Brake A
GETM5.0D-S-100/1275	2:1	1275	1.0	119	662	6.4		21	23.8				
GETM5.0D-S-150/1275		1275	1.5	179	662	12.6		30	35.8				
GETM5.0D-S-160/1275		1275	1.6	191	662	13.4		34	38.2				
GETM5.0D-S-175/1275		1275	1.75	208	662	14.6		34	41.8				
GETM5.0D-S-200/1275		1275	2.0	239	662	16.7		39	47.8				
GETM5.0D-S-250/1275		1275	2.5	298	662	20.9		49	59.6				
GETM5.0D-S-100/1350	2:1	1350	1.0	118	721	11.0		22	23.8				
GETM5.0D-S-150/1350		1350	1.5	179	721	13.6		32	35.8				
GETM5.0D-S-160/1350		1350	1.6	191	721	14.5		37	38.2				
GETM5.0D-S-175/1350		1350	1.75	209	721	15.8		37	41.8				
GETM5.0D-S-200/1350		1350	2.0	239	721	18.0		42	47.8				
GETM5.0D-S-250/1350		1350	2.5	298	721	22.5		52	59.6				
GETM5.0D-S-100/1600	2:1	1600	1.0	119	836	10.5		20	23.8				
GETM5.0D-S-150/1600		1600	1.5	179	836	15.8		38	35.8				
GETM5.0D-S-160/1600		1600	1.6	191	836	16.7		43	38.2				
GETM5.0D-S-175/1600		1600	1.75	209	836	18.3		43	41.8				
GETM5.0D-S-200/1600	2:1	1600	2.0	239	836	20.8		49	47.8				
GETM5.0D-S-250/1600		1600	2.5	298	836	26.0		60	59.6				

注：1. 以上数据仅供参考，实际参数以 DCF 为准。 2. 制动器数量、电压、功率等参数可根据客户要求进行调整。
Note: 1. Above parameters for information only. Actual parameters shall be set per DCF. 2. Quantity of brake, voltage and power can be adjusted according to customer's request.



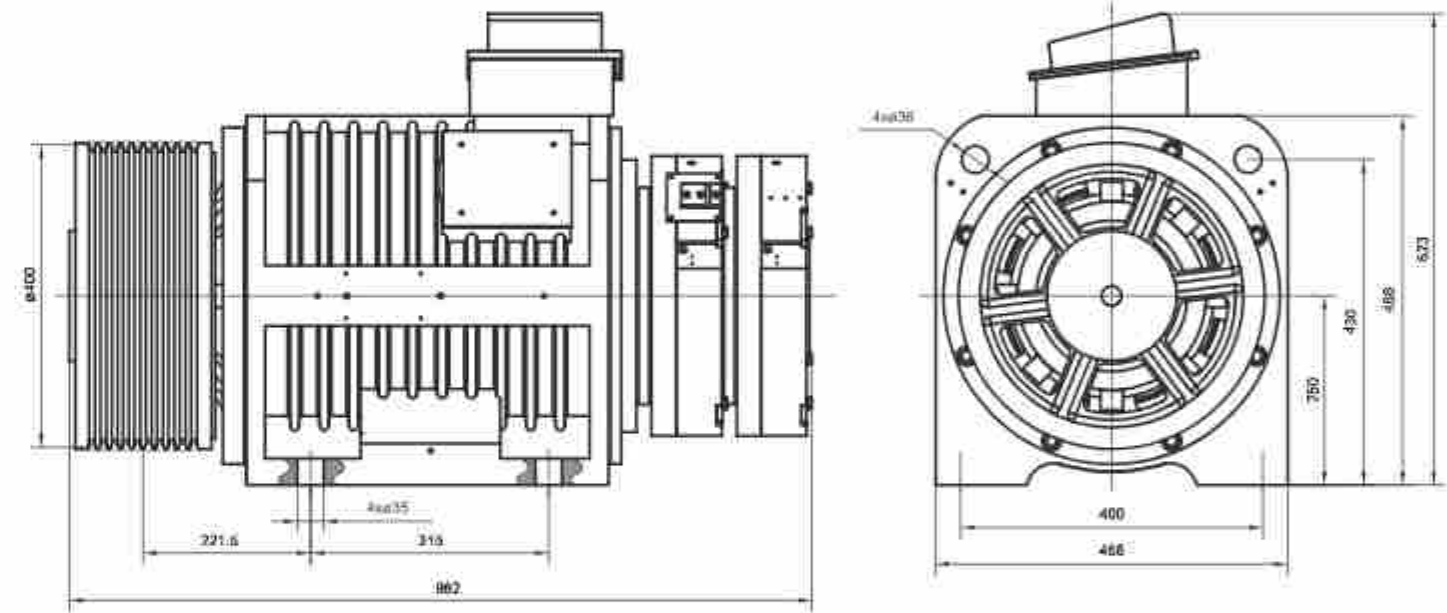
许用轴向载荷 Max. axle load	6300kg
电动机额定重量 Motor weight	740kg
自动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	155(F)
制动型号及数量 Brake type	2只ZZD1-2000

规格表 Specification table

品名 Product type	减速机 Reducer Ratio	额定 转速 1400	额定 功率 Shaft Power (kW)	额定 转矩 Rated Torque (N.m)	额定 速度 Rated Speed (r/min)	电机 Motor					减速机 Reducer			制动器 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	扭矩 Torque (N.m)	效率 Efficiency (%)	长度 Length (mm)	安装孔 Key (mm)	重量 Overall weight (kg)	电压 Voltage (V)	电流 Current (A)
GETM6 3D-100/2000	2:1	2000	1	95	1487	13.4	340	26	20	16.8	400	≤10+q10	15	≤2X2.9	兼容DC200 维持DC100
GETM6 3D-150/2000			1.5	143	1487	20.0		41		23.8					
GETM6 3D-175/2000			1.75	167	1487	23.4		47		27.8					
GETM6 3D-200/2000			2	181	1487	26.9		63		31.8					
GETM6 3D-250/2000			2.5	239	1487	33.9		78		39.8					
GETM6 3D-100/2500	2:1	2500	1	95	1671	16.7	340	37	20	19.8	400	≤10+q10	15	≤2X2.9	兼容DC200 维持DC100
GETM6 3D-150/2500			1.5	143	1671	25.1		54		23.8					
GETM6 3D-175/2500			1.75	167	1671	28.0		62		27.8					
GETM6 3D-200/2500			2	191	1671	31.8		76		31.8					
GETM6 3D-250/2500			2.5	239	1671	41.8		90		39.8					

注：1. 以上参数仅供参考，最终以实际出厂方式为准。2. 侧板数量、开孔、(含)侧板尺寸系统默认500。
Note: 1. Above parameters for reference only, final parameters shall be as per ODF. 2. Quantity of side-panels number, 3 angle and 4 angle can be made-made according to customer's requests.

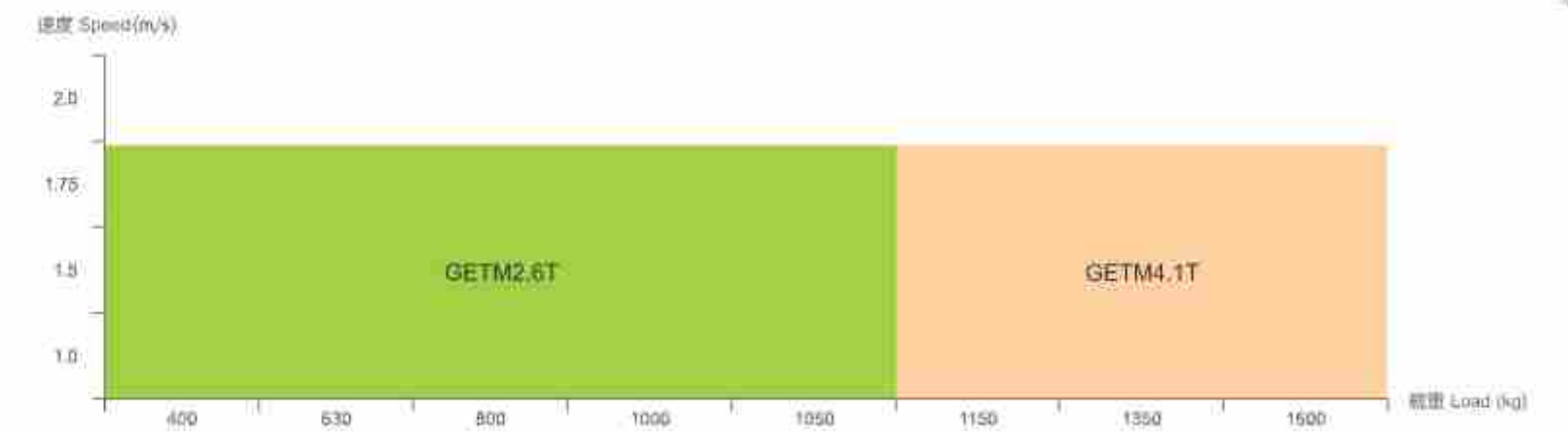
外形尺寸图 Overall Dimensions





钢带主机系列 Belt Machine

产品系列 Products Series

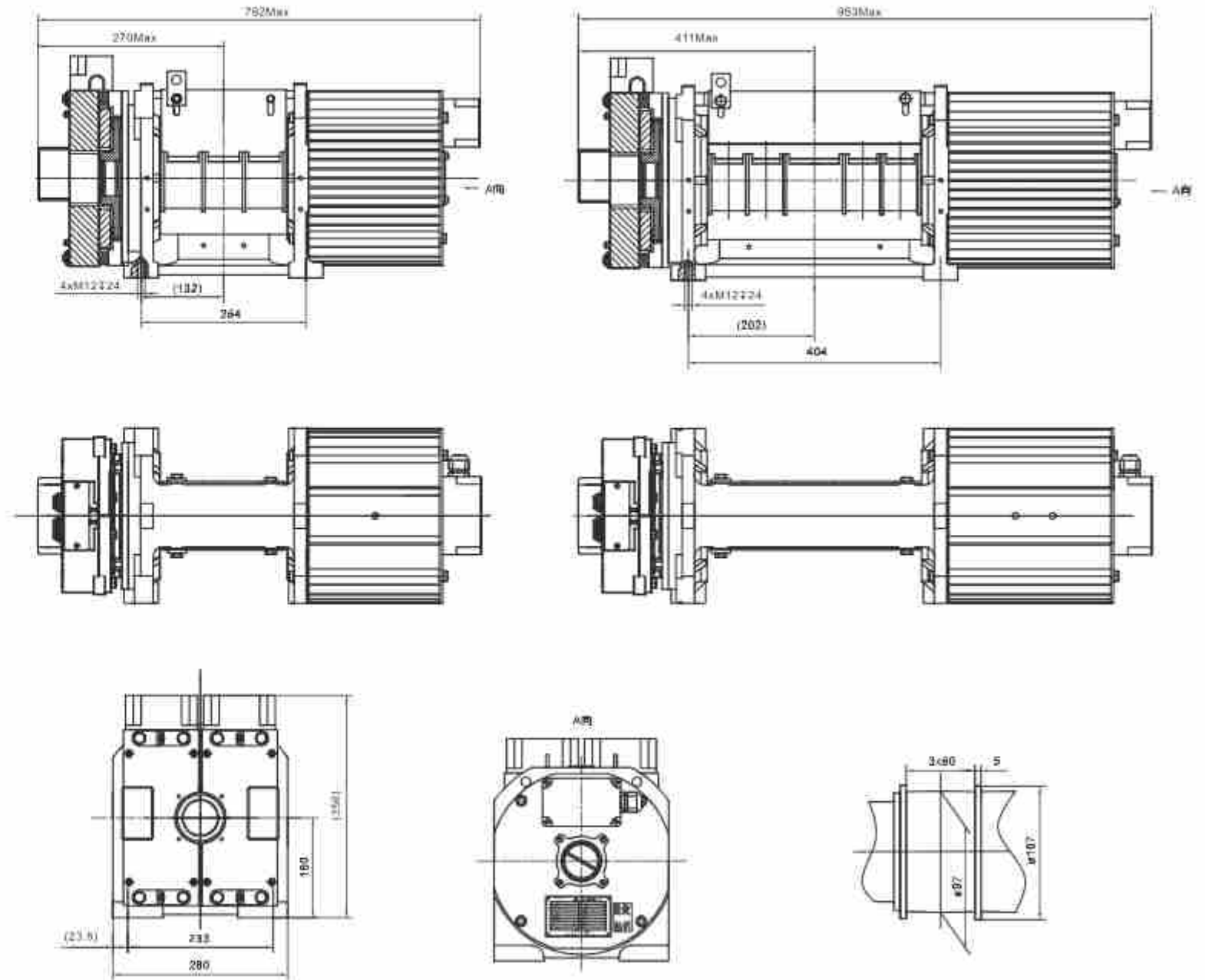


注：详细规格咨询公司人员



型 号 Product type	增 速 比 Reducer Ratio	额定 功率 Rated Power	额定 扭矩 Rated Torque	额定 转速 Rated Speed	额定 效率 Rated Efficiency	电机 Motor					电动机 Spindle			电动机 Spindle	
						功率 Power kW	电压 Voltage V	电流 Current A	转速 Speed rpm	效率 Efficiency %	功率 Power kW	扭矩 Torque Nm	转速 Speed rpm	功率 Power kW	扭矩 Torque Nm
GETM2-6T-100/D400	2:1	450	4	382	75	3.0	340	7	8	25.5	100	≤3	85	≤2x1.7	DC110
GETM2-6T-100/D600	2:1	630	4	382	100	4.2	340	10	8	25.5	100	≤3	85	≤2x1.7	DC110
GETM2-6T-100/D800	2:1	800	4	382	134	5.3	340	12	8	25.5	100	≤6	85	≤2x1.7	DC110
1.5			573	134	8.0	18		38.2							
1.75			668	134	9.4	19		44.5							
GETM2-6T-150/D1000	2:1	1000	4	382	167	6.7	340	14	8	25.5	100	≤6	85	≤2x1.7	DC110
1.5			573	167	10.0	23		38.2							
1.75			668	167	11.7	24		44.5							
GETM2-6T-100/1050	2:1	1050	4	362	175	7.0	340	15	8	25.5	100	≤6	85	≤2x1.7	DC110
1.5			573	175	10.5	24		38.2							
1.75			668	175	12.3	25		44.5							

Professional components supplier



GETM4.1T



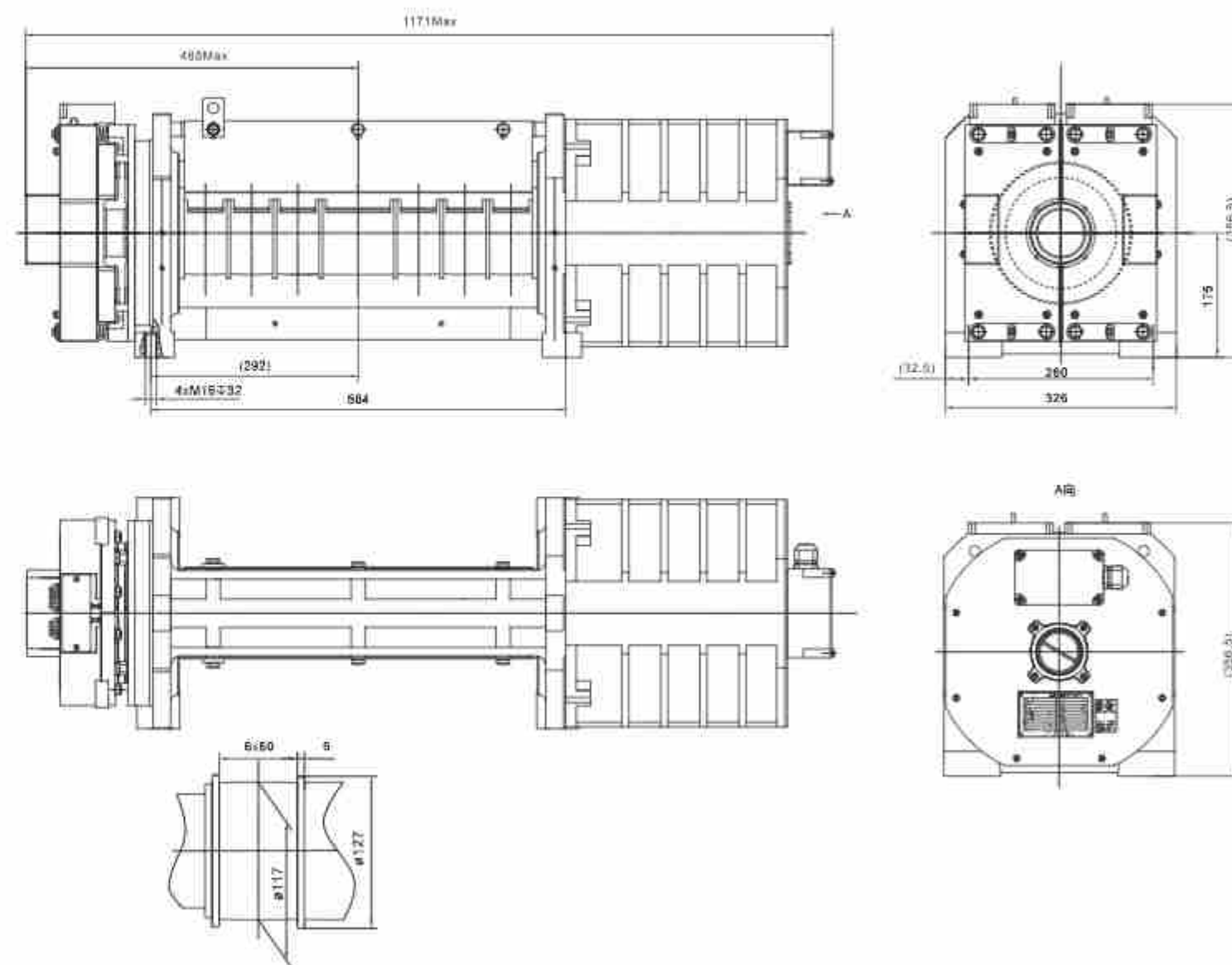
许用径向载荷 Max. axle load	4100kg
电动机额定重量 Motor weight	300kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	1对ZSD1-450

规格表 Specification table

型 号 Product type	传动比 Reducer Ratio	额定 功率 Rated Power kW	额定 速度 Rated Speed rpm	额定 转矩 Rated Torque Nm	电机 Motor					减速机 Reducer			制动器 Brake	
					额定 功率 Rated Power kW	电压 Voltage V	额定 电流 Rated Current A	额定 功率 Rated Power kW	额定 速度 Rated Speed rpm	额定 转矩 Rated Torque Nm	额定 功率 Rated Power kW	额定 速度 Rated Speed rpm	额定 转矩 Rated Torque Nm	额定 功率 Rated Power kW
GETM4.1T-100/1150	2:1	1150	1.0	318	7.7		18		26.5					
GETM4.1T-150/1150			1.5	477	11.5	340	20	10	39.8	120	≤F	65	≤2x1.8	DC 110
GETM4.1T-175/1150			1.75	557	13.5		31		46.4					
GETM4.1T-100/1350	2:1	1350	1.0	318	9.0		21		29.5					
GETM4.1T-150/1350			1.5	477	13.5	340	31	10	39.8	120	≤F	65	≤2x1.8	DC 110
GETM4.1T-175/1350			1.75	557	15.5		36		46.4					
GETM4.1T-100/1600	2:1	1600	1.0	318	10.7		25		36.5					
GETM4.1T-150/1600			1.5	477	16.0	340	37	10	39.8	120	≤F	65	≤2x1.8	DC 110
GETM4.1T-175/1600			1.75	557	18.7		38		46.4					

注：1. 以上数据仅供参考，具体参数请以 ODF 表为准； 2. 额定转矩和额定功率按标准进行计算；
Note: 1. Above parameters for information only, that parameters shall be as per ODF. 2. The shaft size can be taken according to customers requirement.

外形尺寸图 Overall Dimensions





家用梯 / 小载重主机系列 For Home Lifts & Small Lifts

该系列主机运用先进的电磁方案设计和结构设计，使主机精致小巧，结构紧凑，性能更为优异，有效节省建筑空间。产品运行时噪音低，为用户创造静谧舒适的环境，广泛应用于家用梯、别墅梯等。

Advanced electromagnetic design and structural design is applied to this series of machine. Its mini-size, compact structure and even better performance can effectively reduce construction size. Its quietness creates comfortable riding experience. This series of machine is widely used for home lift, villa lift and small MRL passenger elevator.



采用自主研发的高性能磁钢材料，并设置过热安全保护装置，延长电机使用寿命。
In-house made high-performance NdFeB magnet brings longer life for the motor.



噪音低，保持精巧的同时不失优异的性能。
Low noise level, good balance between reduced size and excellent performance.

GETM1.5T



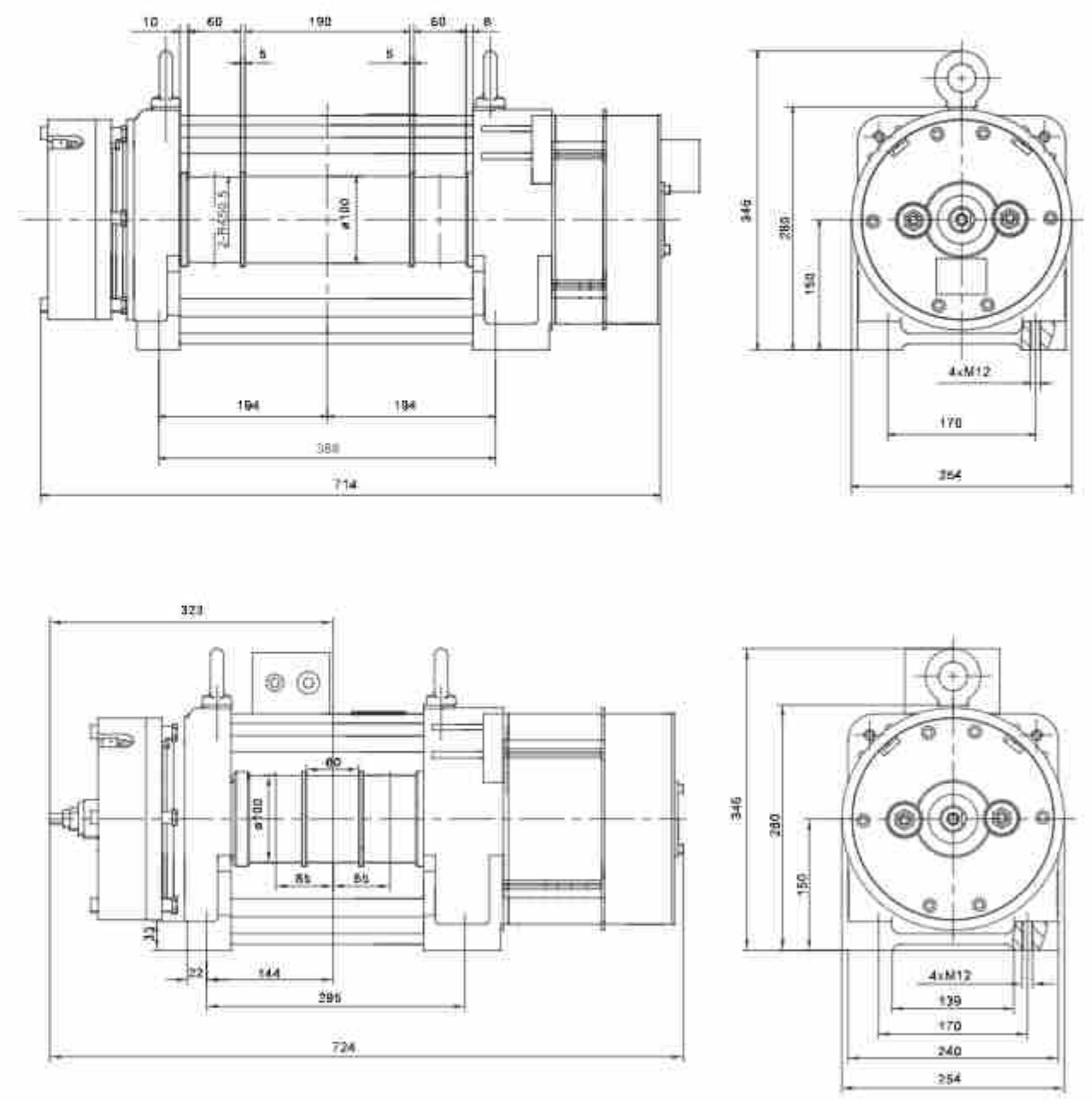
许用轴向载荷 Max. axle load	1500kg
电机机座重量 Motor weight	100kg
启动次数(次/小时) Start-up time	180
绝缘等级 Ins. class	F
制动器型号及数量 Brake type	YZZD2-135

规格表 Specification table

型 号 Product type	额定功率 Rated Power kW	额定电压 Rated Voltage V	额定转速 Rated speed r/min	额定转矩 Rated torque N·m	电机 Motor					电动机 drive			制动器 Brake	
					功率 Power kW	电压 Voltage V	电流 Current A	转矩 Torque N·m	频率 Frequency Hz	齿轮 Gear mm	轴径 Shaft mm	轴长 Shaft mm	制动 Brake mm	制动 Brake mm
GETM1.5T-040/0400	2.1	400	0.4	148	55	1.0	220	5	15.7	100	2	65	≤1	DC110
GETM1.5T-100/0400			1	371	55	2.8		12	49.5					
GETM1.5T-040/0450	2.1	450	0.4	148	75	1.2	220	6	15.7	100	2	85	≤1	DC110
GETM1.5T-100/0450			1	371	75	2.8		12	49.5					
GETM1.5T-040/0400	2.1	400	0.4	148	60	1.0	340	3	15.7	100	2	65	≤1	DC110
GETM1.5T-100/0400			1	371	60	2.8		8	49.5					
GETM1.5T-040/0450	2.1	450	0.4	148	75	1.2	340	4	15.7	100	2	65	≤1	DC110
GETM1.5T-100/0450			1	371	75	2.8		8	49.5					

注 1: 以上数据仅供参考, 具体参数以 ODF 为准; 2: 轴径和轴长, 轴长 y 轴径和轴长可按照客户要求。
Note 1: Above parameters for information only. Final parameters shall be as per ODF. 2: Quantity of bore groove number, y axis and y axis can be take-make according to customer's requests.

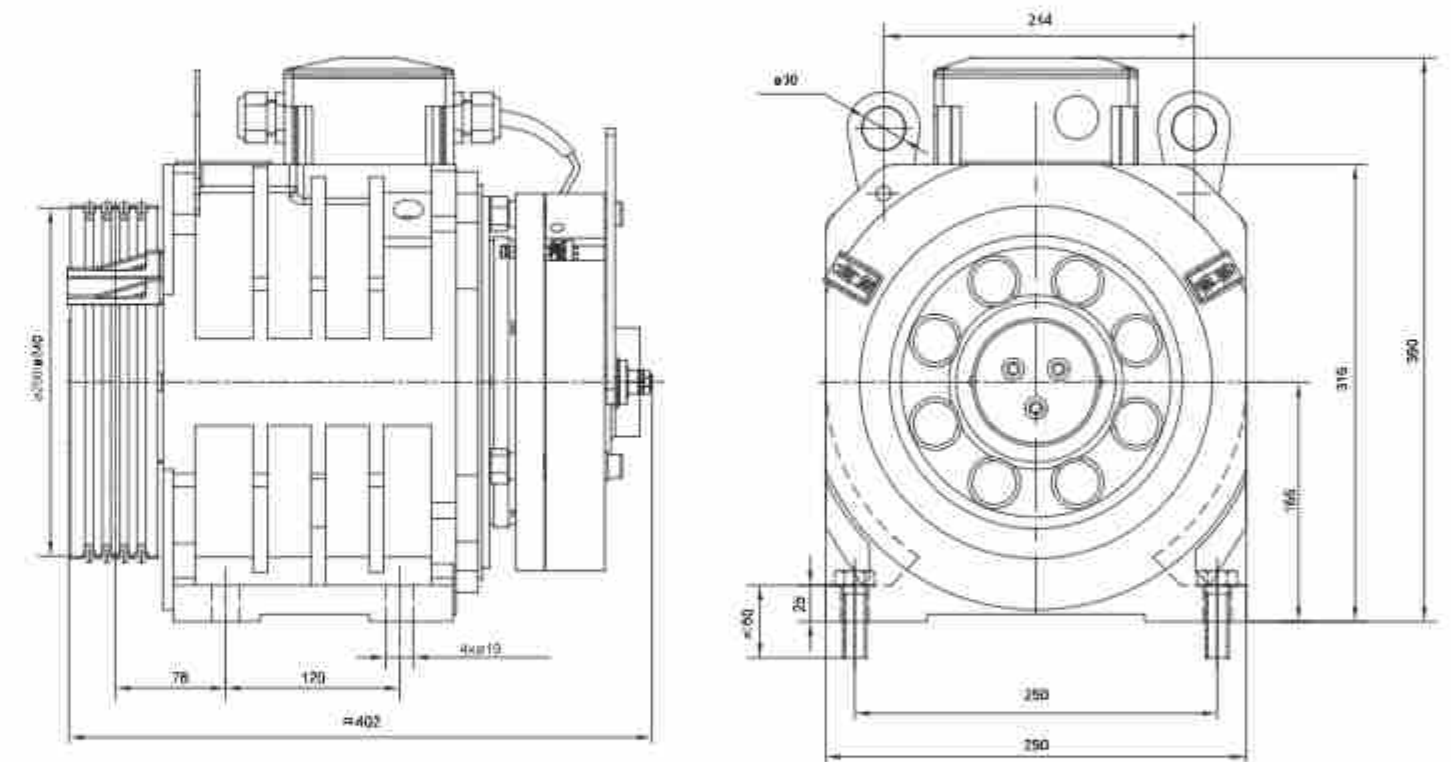
外形尺寸图 Overall Dimensions



规格表 Specification table



注：1、以上各段均按单侧，具体参数按照ISO 9281为准； 2、摩擦系数、粗糙度、硬度等参数按客户要求进行调整。
Note: 1. Above parameters for inflexion-only final parameters shall be as per ISO 9281. 2. Quantity of rope groove number, § angle and γ angle can be tailor-made according to customer's request.





高速主机系列 For High-Speed Elevators

此系列主机拥有超高载重量和 10m/s 的最大额定速度，可广泛适用于高速、大型电梯的高层建筑，单绕和复绕的结构均适用。该系列主机运用内转子双支撑结构，先进技术保证了产品运行的高效平稳。产品采用进口制动器，自制高性能磁钢和国际知名配件，其温升和噪音都远远低于行业标准。

This series of traction machine is applicable for elevators with large rated load and Max. rated speed at 10m/s which is installed in ultra high-rise buildings. Both single wrap and double wrap is available. Advanced technologies such as internal motor & dual supporting structure is adopted to ensure high efficiency and smooth operation. The adoption of imported brakes, in-house made high-performance magnets and other famous-brand parts guarantees its temperature rising and noise level much lower than the level required by relevant standards.



钳式制动器，动作灵敏，运行快速平稳，特殊的工艺保证制动可靠。制动力矩稳定。
Imported brake, swift and sensitive in response, smooth in operation, reliable braking guaranteed by unique fabrication techniques, stable braking torque.



超高载重量和高速运行，更适合高端用户的需求。
Ultra large rated load and high rated speed, ideal choice for high-end customers.

GETM12C(复绕 Double Wrapping)

许用额定载荷 Max. safe load	12000kg
曳引机重量 Motor weight	1400kg
启动次数(次/小时) Start-up time	240
绝缘等级 ins. class	F(155)
制动装置及数量 Brake type	2只EC-5415SM

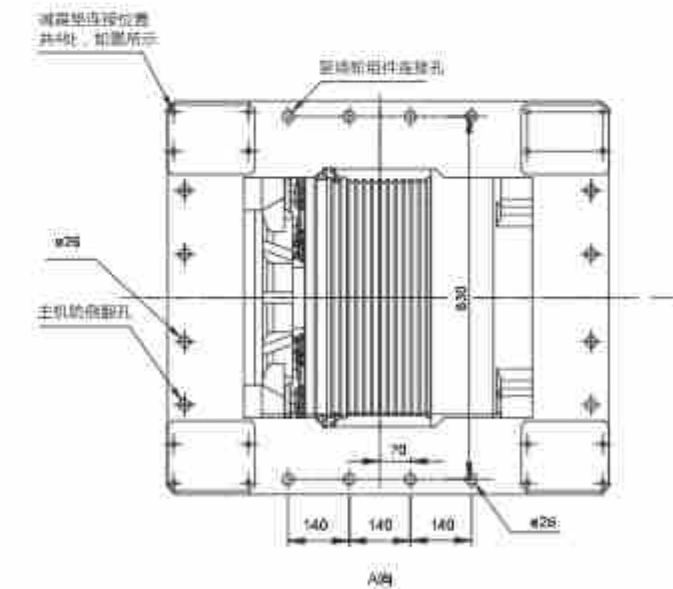
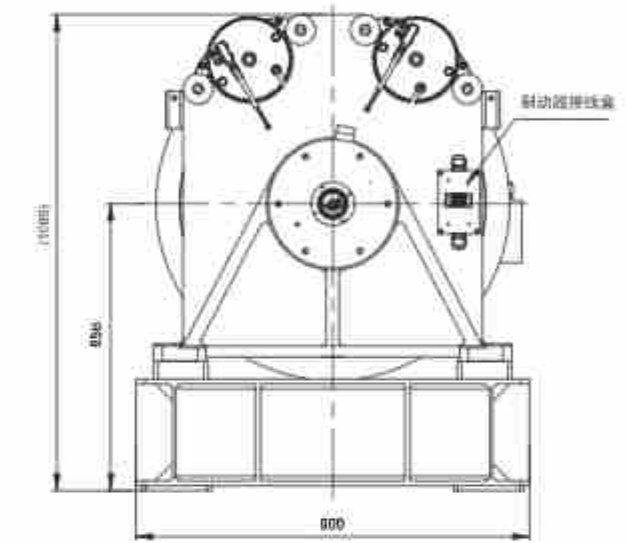
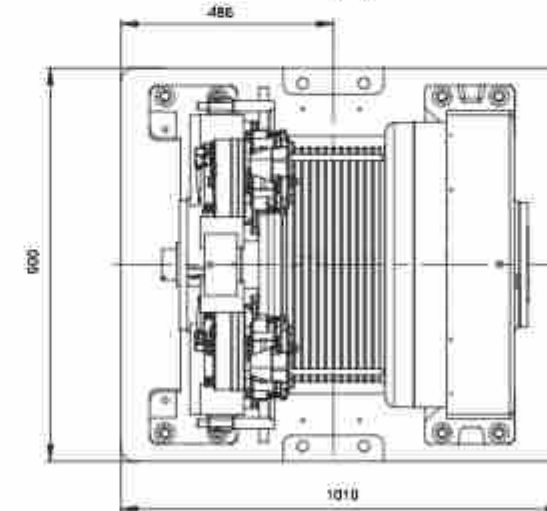
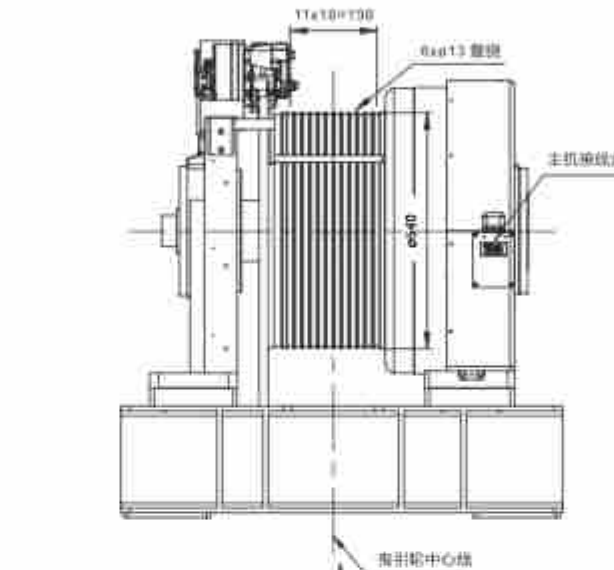


规格表 Specification table

型 号 Product type	额定速度 Rated speed	额定功率 Rated power	额定电压 Rated voltage	额定电流 Rated current	电机 Motor				曳引轮 Sheave				制动器 Brake	
					功率 Power	电压 Voltage	电流 Current	转速 RPM	直径 Diameter	绳径 Rope	绳槽 Groove	绳距 Pitch	电压 Voltage	电流 Current
GETM12C-300/1150	2:1(复绕)	1150	3	212	1037	23.0	52	56.5	540	≤12×φ13	半圆槽	18	≤2×3A	DC110
GETM12C-350/1150			3.5	248	1037	27.0	61	66.1						
GETM12C-400/1150			4	283	1037	31.0	72	75.5						
GETM12C-300/1350	2:1(复绕)	1350	3	212	1218	27.0	61	66.1	540	≤12×φ13	半圆槽	18	≤2×3A	DC110
GETM12C-350/1350			3.5	248	1218	32.0	70	75.5						
GETM12C-400/1350			4	283	1218	36.0	78	75.5						
GETM12C-300/1600	2:1(复绕)	1600	3	212	1443	32.0	73	75.5	540	≤12×φ13	半圆槽	18	≤2×3A	DC110
GETM12C-350/1600			3.5	248	1443	37.0	84	88.1						
GETM12C-400/1600			4	283	1443	43.0	95	75.5						
GETM12C-300/1150	2:1(复绕)	1150	3	212	1037	23.0	54	56.5	540	≤12×φ13	半圆槽	18	≤2×3A	DC110
GETM12C-350/1150			3.5	248	1037	27.0	61	66.1						
GETM12C-400/1150			4	283	1037	31.0	72	75.5						
GETM12C-300/1350	2:1(复绕)	1350	3	212	1218	27.0	61	66.1	540	≤12×φ13	半圆槽	18	≤2×3A	DC110
GETM12C-350/1350			3.5	248	1218	32.0	70	75.5						
GETM12C-400/1350			4	283	1218	36.0	78	75.5						
GETM12C-300/1600	2:1(复绕)	1600	3	212	1443	32.0	73	75.5	540	≤12×φ13	半圆槽	18	≤2×3A	DC110
GETM12C-350/1600			3.5	248	1443	37.0	84	88.1						
GETM12C-400/1600			4	283	1443	43.0	95	75.5						

注：1. 以上数据仅供参考，具体参数请以 ODF 表为准。 2. 绳槽数量、绳径、绳距可根据客户要求进行定制。
Note: 1. Above parameters for information only, these parameters shall be as per ODF. 2. Quantity of rope grooves, rope diameter and rope pitch can be tailor-made according to customer's requests.

外形尺寸图 Overall Dimensions



GETM15C(单 / 复绕 Single / Double Wrapping)

许用牵引载荷 Max. axle load	15000kg
曳引机重量 Motor weight	2100kg
启动次数/小时 Start-up time	240
绝缘等级 Ins. class	155(F)
制动器型号及数量 Brake type	25EC-4023EF

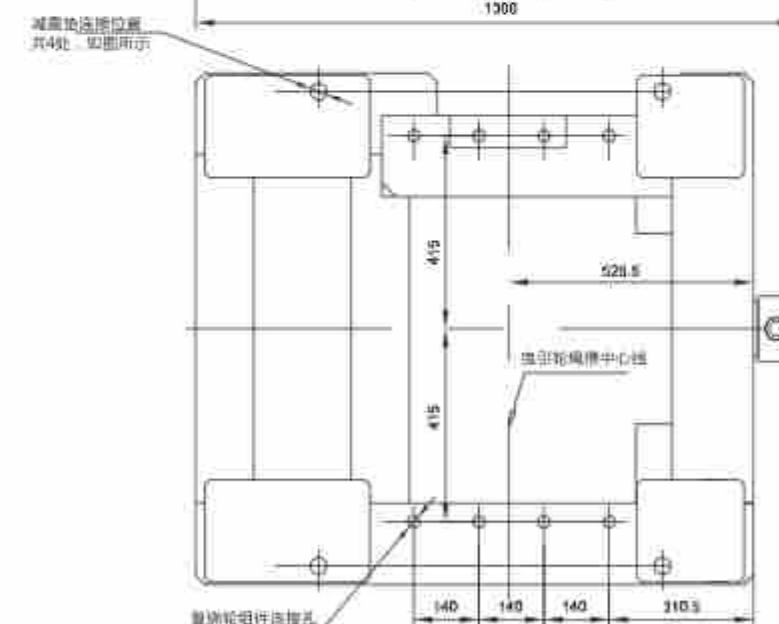
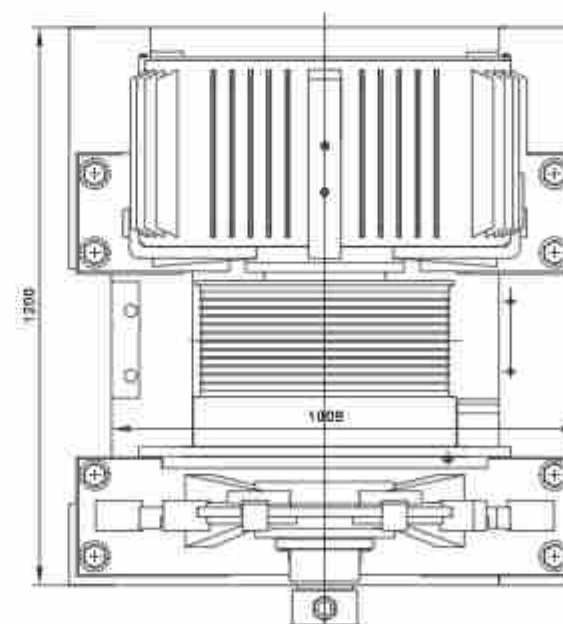
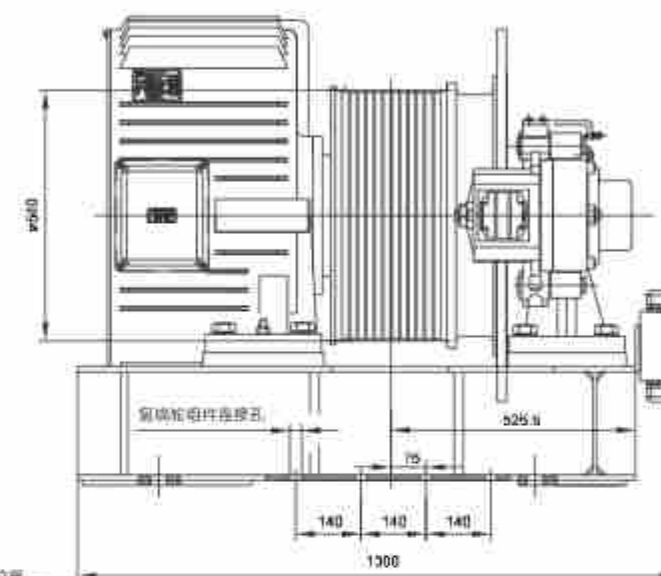
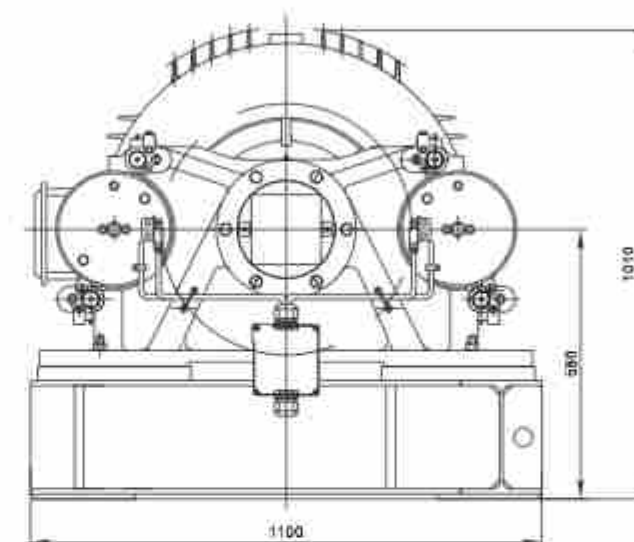


规格表 Specification table

型 号 Product type	曳引比 Traction ratio	额定 功率 Rated power (kW)	电机 额定电压 Motor rated voltage (V)	额定 转速 Rated speed (rpm)	额定 转矩 Rated torque (Nm)	电机 Motor				制动器 Brake				制动器 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	转速 Speed (rpm)	转矩 Torque (Nm)	制动 制动 Brake (mm)	制动 制动 Brake (mm)	制动 制动 Brake (mm)	电压 Voltage (V)	电压 Voltage (V)
GETM15C-300/1350	2:1(复绕)	1350	3	212	1218	27.0	58	24	42.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-350/1350			3.5	248	1218	32.0	72	24	49.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-400/1350			4	283	1218	36.0	80	24	56.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-300/1800	2:1(复绕)	1800	3	212	1444	32.0	66	24	42.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-350/1800			3.5	248	1444	38.0	83	24	49.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-400/1800			4	283	1444	43.0	92	24	56.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-300/2000	2:1(复绕)	2000	3	212	1605	40.0	84	24	42.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-350/2000			3.5	248	1605	47.0	96	24	49.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-400/2000			4	283	1605	54.0	113	24	56.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-300/1350	2:1(复绕)	1350	3	212	1218	27.0	41	24	42.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-350/1350			3.5	248	1218	32.0	48	24	49.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-400/1350			4	283	1218	36.0	55	24	56.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-300/1800	2:1(复绕)	1800	3	212	1444	32.0	47	24	42.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-350/1800			3.5	248	1444	38.0	54	24	49.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-400/1800			4	283	1444	43.0	62	24	56.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-175/2000	2:1(复绕)	2000	1.75	124	1805	23.0	34	24	24.8	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-250/2000			2.5	177	1805	33.0	48	24	35.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-300/2000			3	212	1805	40.0	57	24	42.4	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-350/2000			3.5	248	1805	47.0	66	24	49.6	540	≤12×φ13	半圆槽	18	≤2×2	De125
GETM15C-400/2000			4	283	1805	54.0	77	24	56.6	540	≤12×φ13	半圆槽	18	≤2×2	De125

注：1. 以上数据仅供参考，具体参数请以 ODF 表为准。 2. 制动器数量、规格、电压可根据客户要求进行定制。
Note: 1. Above parameters for information only, final parameters shall be as per ODF. 2. Quantity of brake grooves, brake type and voltage can be tailor-made according to customer's requests.

外形尺寸图 Overall Dimensions



外形尺寸图 Overall Dimensions

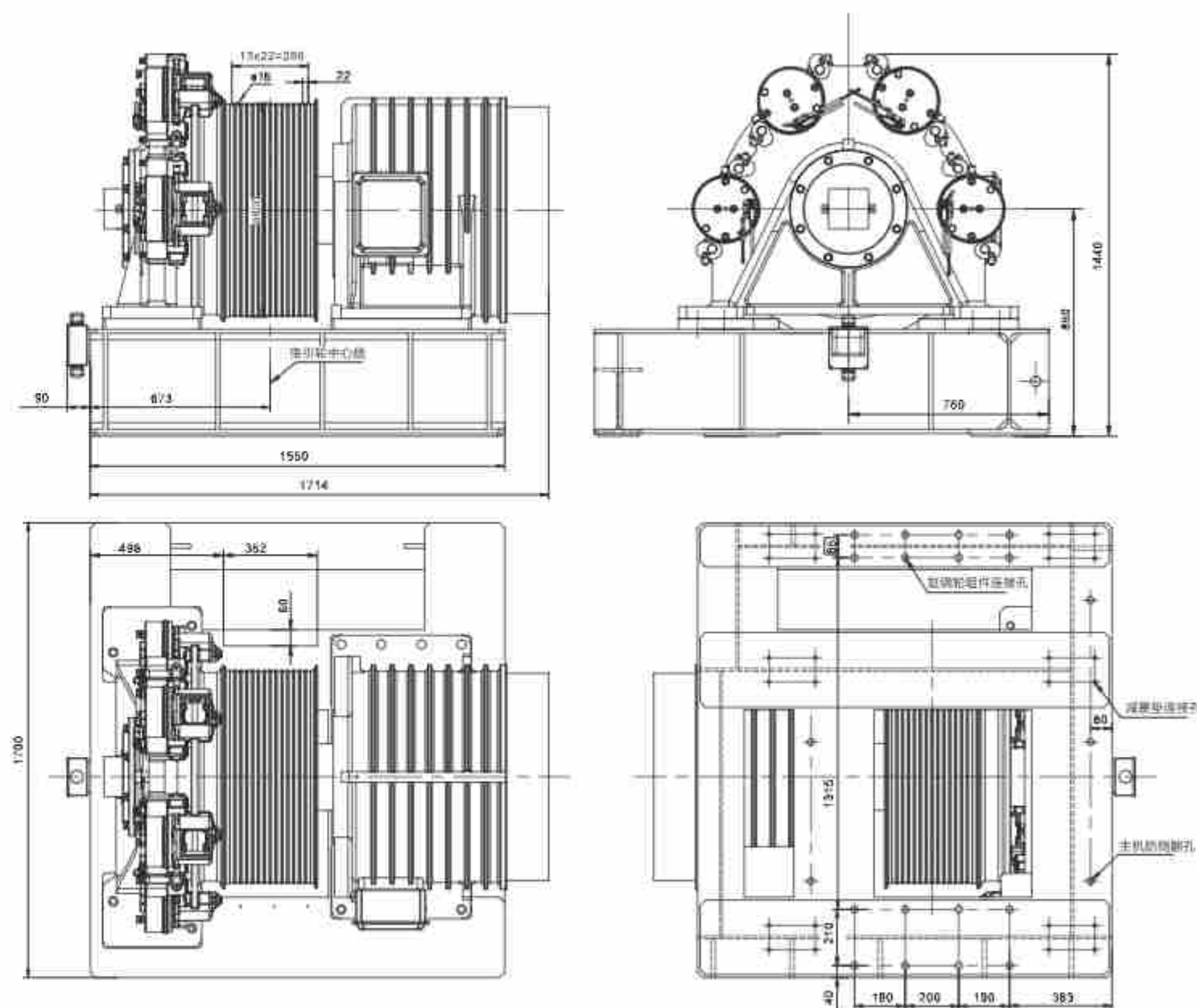


許用徑向載荷 Max. axle load	40000kg
曳引機質量 Motor weight	4700kg
啟動次數(次/小時) Start-up time	240
絕緣等級 Ins. class	165(F)
制動器型號及數量 Brake type	4只EC-4023EF

规格表 Specification table

型 号 Product type	额定功率 NOMINAL POWER	额定电压 NOMINAL VOLTAGE	电机 额定功率 MOTOR RATED POWER (KW)	额定转速 RATED SPEED (RPM)	额定转矩 RATED TORQUE (NM)	电机 Motor				变频器 Inverter			电动机 Motor			
						频率 Frequency (Hz)	电压 Voltage (V)	电流 Current (A)	功率 Power (W)	频率 Frequency (Hz)	电压 Voltage (V)	功率 Power (W)	电压 Voltage (V)	电流 Current (A)		
GETM40C-500/1600	1.1(额定)	1600	5	119	4275	54.0	340	117	24	23.8	800	≤17%16	半圆帽	22	≤4x2	DC125
GETM40C-600/1600			6	143	4276	64.0		137		29.6						
GETM40C-700/1600			7	167	4276	72.0		166		33.4						
GETM40C-800/1600			8	191	4276	86.0		174		38.2						
GETM40C-500/2000	1.1(额定)	2000	5	119	5342	67.0	340	153	24	23.8	800	≤17%16	半圆帽	22	≤4x2	DC125
GETM40C-600/2000			6	143	5342	80.0		174		28.6						
GETM40C-700/2000			7	167	5342	94.0		210		33.4						
GETM40C-800/2000			8	191	5342	107.0		233		34.3						

注：1. 以上信息仅供参考，具体数据请以 ODF 表为准；2. 网络数量、位置、型号可根据客户需求进行定制。
Note: 1. Above parameters for information only, final parameters shall be as per ODF; 2. Quantity of loop glass number, 3 angle and 4 angle can be tailor-made according to customer's request.



 kouplex sensor
کوپل آسانسور

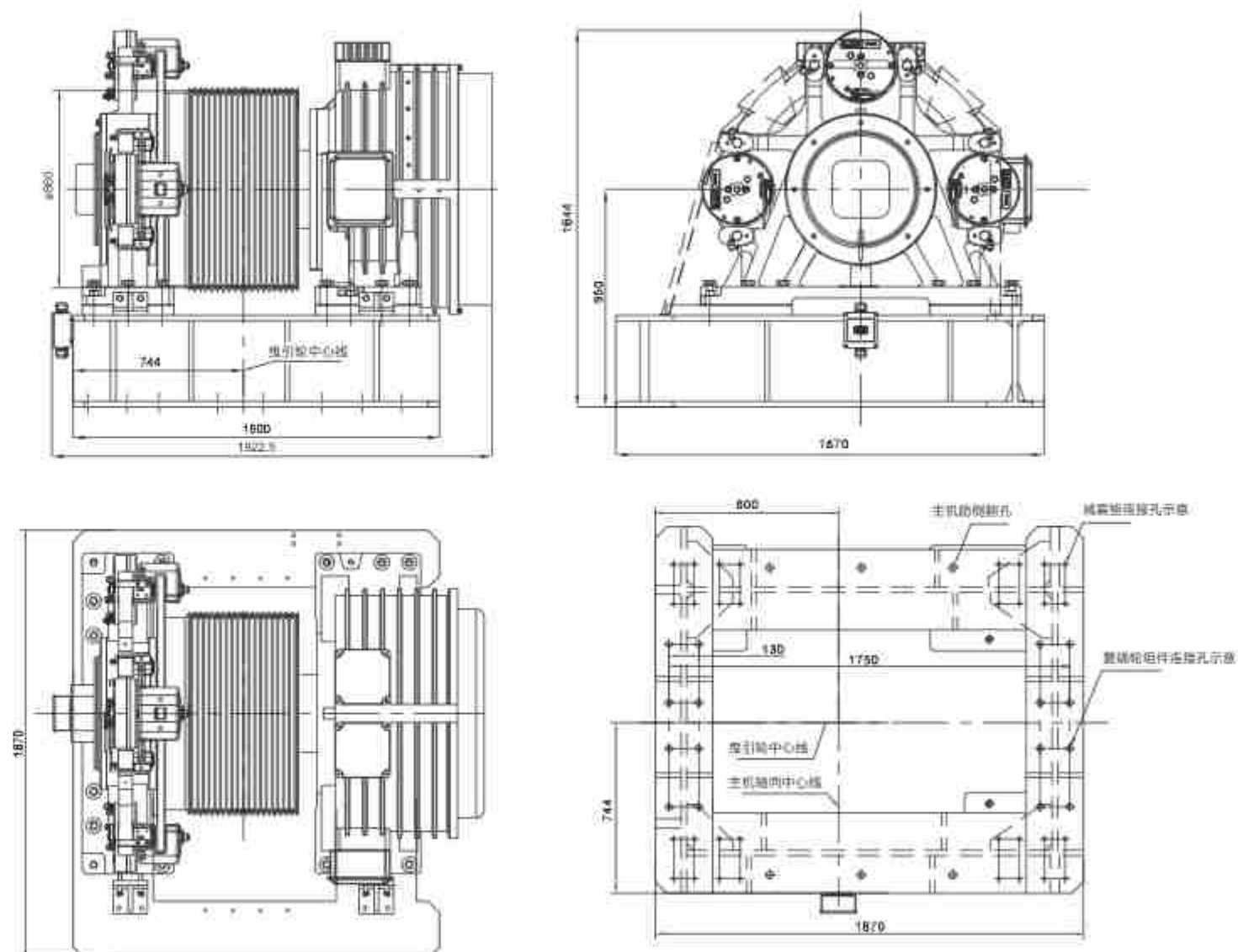


许可牵引载荷 Max. lolo load	70000kg
牵引机重量 Motor weight	6300kg
启动次数(次/小时) Start-up time	240
绝缘等级 Ins. class	F(155)
制动型号及数量 Brake type	3只EC-4035M

型 号 Product type	电机轴 Technical Motor	额定 功率 Rated Power kW	额定 电压 Rated Voltage V	额定 转速 Rated Speed r/min	额定 转矩 Rated Torque Nm	电机 Motor					驱动器 Drive			制动器 Brake		
						功率 Power kW	电压 Voltage V	电流 Current A	速度 Speed r/min	效率 Efficiency %	功率 Power kW	速度 Speed r/min	转矩 Torque Nm	电压 Voltage V	电流 Current A	
GETM70C-0800/2000	1-1(圆珠)	2000	8	178	8635	105.0	340	245	20	29.7	860	≤8*10	半圆槽	25	≤3X0	DC125
GETM70C-1000/2000	1-1(圆珠)	2000	10	222	8635	131.0	340	279	20	37.0	860	≤8*10	半圆槽	25	≤3X0	DC125

Note: 1. Above parameters for information only. Real parameters shall be as per CDF. 2. Quantity of these gross value number 1 single and 9 single can be take made according to customer's required.

 kouple adsensor
گوپل آسانسور





无齿轮货梯主机系列 Gearless for cargo lifts

无齿轮货梯采用永磁同步电机，相对于有齿轮货梯，体积小，效率高，能耗低，更加环保。

The gearless goods elevator adopts permanent magnet synchronous motor. Compared with the geared goods elevator, it has small size, high efficiency, low energy consumption and is more environmentally friendly.



在常规 H 系列上做延伸，性能稳定
Extended on conventional H series, with stable performance



承受电梯进料的冲击
Bear the impact of materials entering the cargo elevator



制动力高于标准要求，更适合货梯场景
The braking force is higher than the standard requirements, which is more suitable for the cargo elevator scenario.



许用径向载荷 Max. axle load	3000kg
电动机轴重量 Motor weight	315kg
启动次数(次/小时) Start-up time	10
绝缘等级 Ins. class	F
制动器型号及数量 Brake type	2只DZD1-500

规格表 Specification table

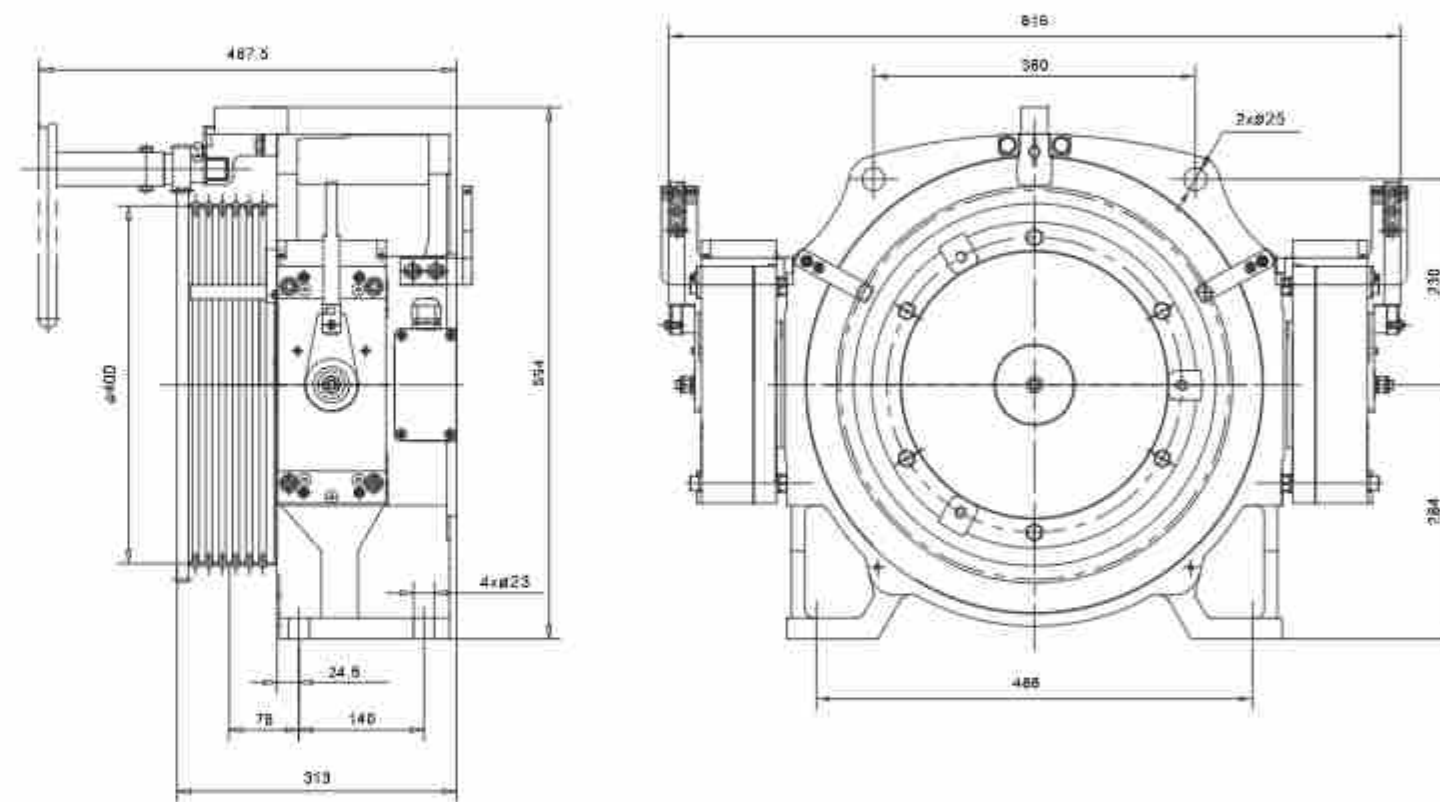
型 号 Product type	传动比 Transfer Ratio	额定 功率 Power (kW)	额定 转速 N=2000 rpm	额定 扭矩 H=224 N.m	额定 效率 η=95.5 (%)	电机 Motor					电动机 Motor			制动器 Brake	
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	转速 Rpm (r/min)	频率 Frequency (Hz)	轴径 Shaft (mm)	轴伸 Shaft (mm)	轴伸 Shaft (mm)	电压 Voltage (V)	功率 Power (kW)
GETMS-DH-050/2000H	4:1	2000	0.5	98	91.3	0.1	340	14	32	25.4	400	≤8×φ10	15	≤2×1.5	DC110
GETMS-TH-100/2000H	4:1	2000	1	191	91.3	12.3	340	28	32	50.9	400	≤8×φ10	15	≤2×1.5	DC110

注：1、整条平偏误差 $\pm 0.40^\circ$ ，ED+120G $\pm 1^\circ$ ，针位误差 90% $\pm 1^\circ$ ；2、袖口型芯的针位，全年保证；3、领口型芯的领口片一律化零处理，有领型，领片 30 片。

Notes: 1. The significance of topics that lie in the first two columns

3) Definition of machine position: viewed from the nozzle and taking the machine machine, it is left-hand type when the nozzle is at left side, and right-hand type when the nozzle is at right side. Both left-hand type and right-hand type is available.

外形尺寸图 Overall Dimensions





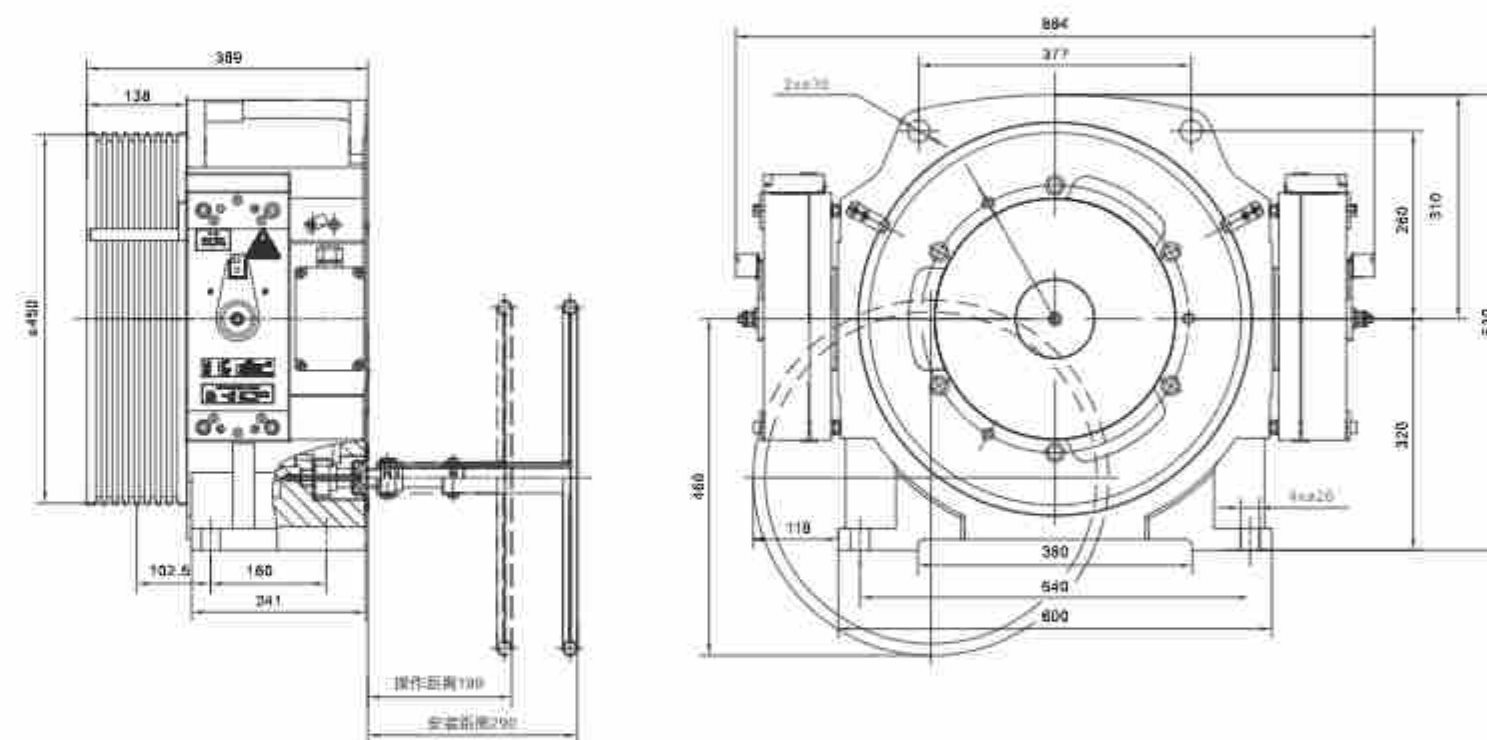
规格表 Specification table

型 号 Product type	传动比 Transmission Ratio	额定功率 Rated Power kW	额定速度 Rated Speed rpm	额定转矩 Rated Torque N.m	额定电流 Rated Current A	电机 Motor					电动机 Electric Motor			电动机 Electric Motor	
						功率 Power kW	电压 Voltage V	电流 Current A	极数 Poles p	容量 Capacity kWh	直径 Diameter (mm)	轴间距 Center Distance (mm)	轴径 Shaft Diameter (mm)	电压 Voltage (V)	功率 Power (kW)
GETMS-DH-050/0000H	4:1	3000	0.5	65	1034	0.2	340	21	32	22.7	450	≤180	16	≤2x1.2	DC110
GETMS-DH-100/0000H	4:1	3000	1	170	1034	18.4	340	40	32	45.3	450	≤180	15	≤2x1.2	DC110

注：1. 暨南大学共2046人，其中42000分，特招共占96%左右；2. 录取范围包括广东、海南两省；3. 暨南大学招收的是一科化生地质、物化类，招收73人。

Figure 1. The significance of trials that led to drug from failure

3) Definition of machine position: viewed from the nozzle and taking the machine machine, it is left-hand type when the shower is at left side, and right-hand type when the shower is at right side. Both left-hand type and right-hand type is available.



100

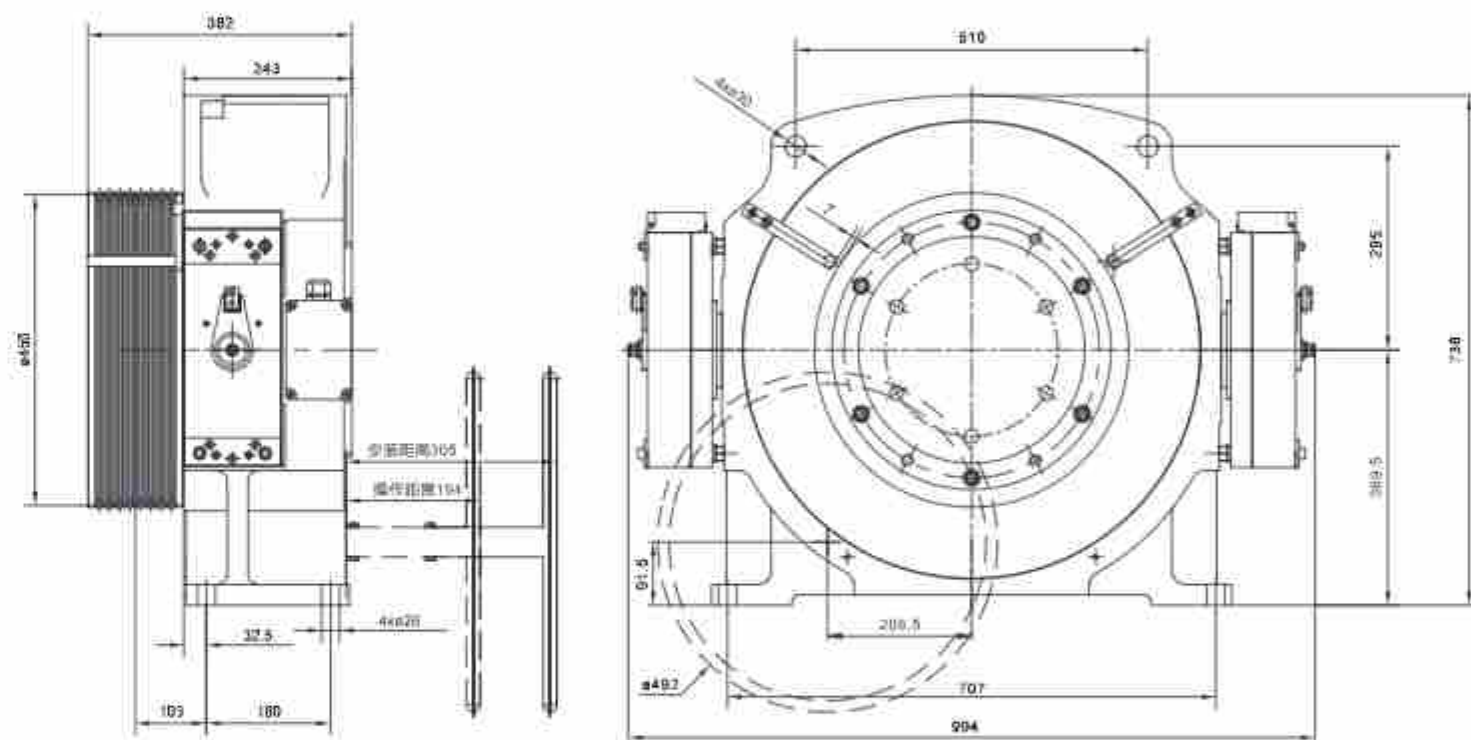


允许吊钩载荷 Max. code load	6000kg
电机机座重量 Motor weight	750kg
启动次数(次/小时) Start-up time	60
绝缘等级 ins. class	F(155℃)
制动型式与数量 Brake type	2只DZD1-653/2只DZD1-18400

型 号 Product Type	系列号 Series Name	额定 功率 Power (kW)	额定 转速 Rated Speed (r/min)	额定 流量 Rated Flow (m³/h)	额定 扬程 Head (m)	电机 Motor				控制柜 Control				连接附件 Accessory															
						功率 Power (kW)	电压 Voltage (V)	电流 Current (A)	极对数 Pole Pair	频率 Frequency (Hz)	长度 Length (mm)	重量 Weight (kg)	材质 Material	接口 Interface	电压 Voltage (V)														
GETM6.0H-050/4000H	4.1	4000	0.5	65	1378	12.3	340	33	32	22.3	450	8*φ10	15	GZD1-653	≤2X1.2	DC110													
GETM6.0H-100/4000H			1	170	1378	24.5											45.3	450	9*φ10	15	GZD1-653	≤2X1.2							
GETM6.0H-250/4000H			0.5	74	1593	12.3																	32	18.5	520	7*φ13	20	GZD1-16400	≤2X1.7
GETM6.0H-100/4000H			1	147	1593	24.5																							
GETM6.0H-050/5000H	0.5	74	1691	15.4	32	16.6	520	7*φ13	20	GZD1-16400	≤2X1.7	DC110																	
GETM6.0H-100/5000H	1	147	1691	30.8									70	39.2	520	7*φ13	20	GZD1-16400	≤2X1.7										
GETM6.0H-250/5000H	0.5	80	1836	15.4																32	21.3	480	8*φ12	18	GZD1-16400	≤2X1.7			
GETM6.0H-100/5000H	1	158	1836	30.8																							70	42.4	480

Note 1: The specification of those that be as they from drawing.
2: Direction of machine (jacking) moved from the center and facing the tractor tractors, it is a left-hand type when the blade is at left side, and right-hand type when the blade is at right side. Both left-hand turn and right-hand type is available.

外形尺寸图 Overall Dimension



GETM8.0H 无齿轮货梯



许用轴向载荷 Max. axle load	8000kg
曳引机额定重量 Motor weight	1010kg
启动次数(次/小时) Start-up time	80
绝缘等级 Ins. class	F(155)
制动器型号及数量 Brake type	2RQZD1-21800

规格表 Specification table

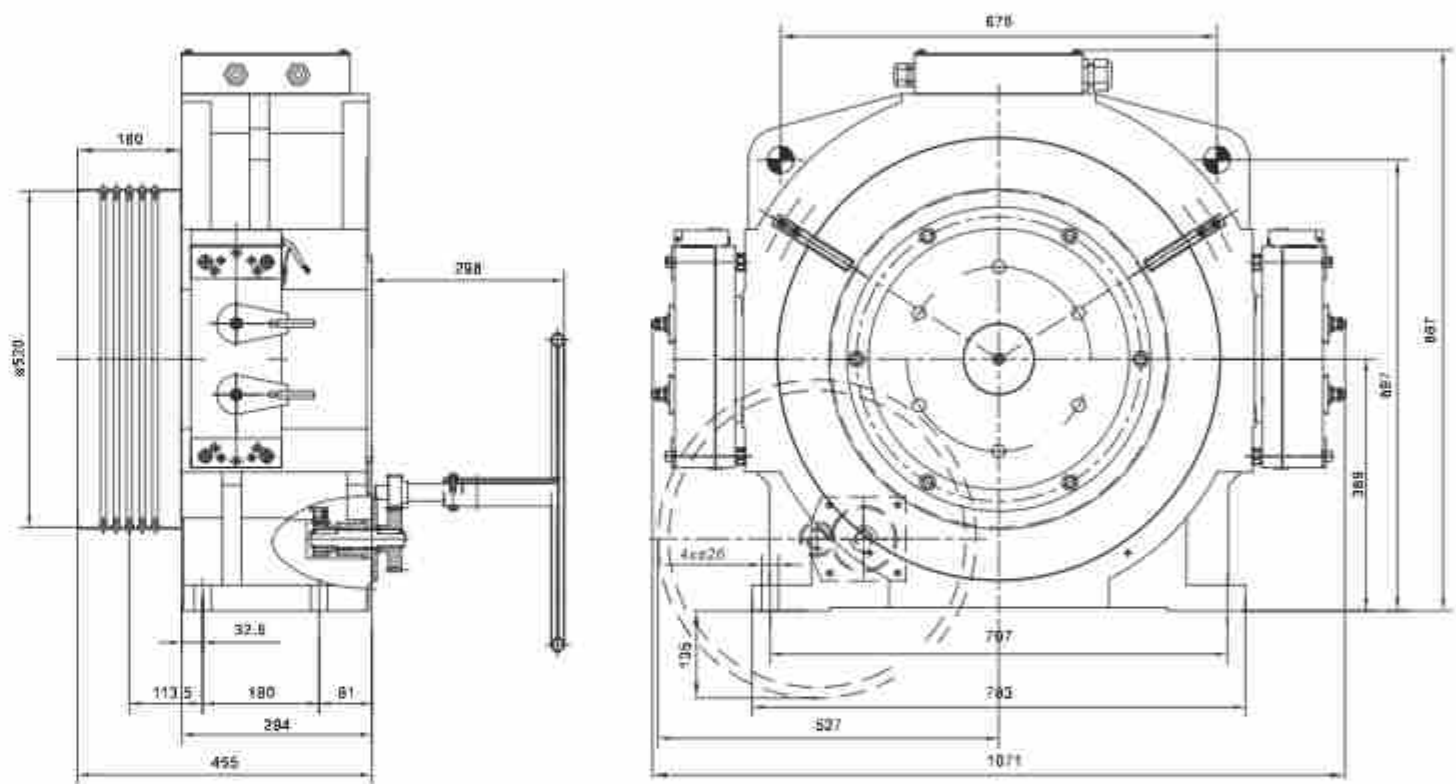
产品型号 Product type	传动比 Traction ratio	额定速度 Rated speed v (m/s)	额定载重 Rated load Q (kg)	额定功率 Rated power P (kW)	额定电压 Rated voltage U (V)	电动机 Motor					曳引轮 Sheave			制动器 Brake	
						功率 Power P (kW)	电压 Voltage U (V)	电流 Current I (A)	转速 Speed n (r/min)	效率 Efficiency η (%)	直径 Diameter D (mm)	绳槽数 Rope U	绳径 Rope φ (mm)	制动力 Braking force F (kN)	电压 Voltage U (V)
GETM8.0H-100/5000H	4:1	5000	1	147	1946	30.0	340	77	32	38.2	520	≥7±0.13	15	≥2×1.5	DC110

注 1、额定速度≤0.45m/s，≤1.25m/s，额定载重 500kg≤Q≤1250kg，曳引轮直径≥160mm，曳引轮绳径≥10mm，曳引轮绳槽数≥12，曳引轮绳槽深度≥10mm，曳引轮绳槽宽度≥10mm，曳引轮绳槽间距≥10mm，曳引轮绳槽形状为梯形，曳引轮绳槽材料为铸钢，曳引轮绳槽表面硬度≥HRC40。

Note: 1. The specifications of brake shall be as that from Wuling.

2. Definition of machine position: viewed from the motor and facing the traction machine, it is left-hand type when the sheave is at left side, and right-hand type when the sheave is at right side. Both left-hand type and right-hand type is available.

外形尺寸图 Overall Dimensions



F53正余弦编码器

- 针对电梯同步曳引机研制开发的专用编码器
- 宽工作温度范围：-20℃ ~ +100℃，最适宜电梯曳引机的应用
- 抗干扰性强
- 创新的LED光源自调节功能保证信号稳定可靠，提高产品使用寿命



概述

F53 针对电梯曳引机的需求研制开发，满足所有曳引机安装需求。采用集成相位阵专用控制芯片，大大减少器件数量，可靠性高。创新的LED光源自调节功能，保证信号稳定可靠，提高产品使用寿命。

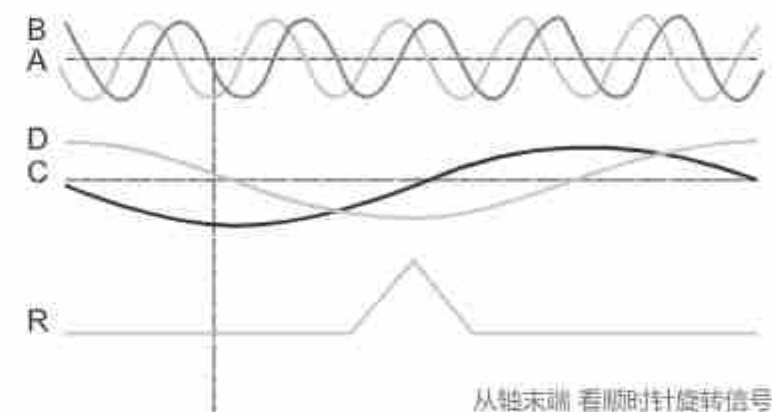
技术数据（机械）

外径	53 mm
轴径	10mm锥形实心轴(锥度1:10)
最大轴载	径向90N，轴向20N
允许电机轴跳动	轴向± 0.4mm，径向± 0.1mm
最高转速	1500 RPM
启动转矩	≤ 1Ncm
防护等级	IP 40
工作温度	-20℃ ~ + 100℃
储存温度	-40℃ ~ + 120℃
外壳材	料铝

技术数据（电气）

电源电压	直流5 V ±10%
最大空载电流	150mA
增量信号	A,B 正弦-余弦 1Vpp
脉冲数	2048
最大输出频率	180kHz
参考信号：R	> 0.4 V (1 脉冲/ 转)
磁极信号：C,D	正弦-余弦1 VPP (1 周期/ 转)
连接	带电缆的PCB 连接器

F53 信号



增量信号A 和B 以及零位信号R 是差分电压信号。差分信号电平是1Vpp。零位信号每旋转一周出现一次，当A、B 信号振幅相同时达到最大值。C 和D 每转发出一个周期的正弦波，可以用来测定在启动磁极时无刷直流电机转子的绝对位置。所有的信号直流偏置为2.5V。

PCB连接器引脚定义

颜色	引脚号	信号
棕色	1A	C-
灰/粉	1B	UB
黄	2A	A-
黑	2B	D+
绿/棕	3A	NC
蓝	3B	B+
粉	4A	R-
灰	4B	R+
红	5A	B-
白/绿	5B	GND
紫	6A	D-
绿	6B	A+
红/蓝	7A	NC
白	7B	C+