

诚信为本 创新为魂
Sincerity is the foundation and innovation is the soul

CHINA'S LEADING MANUFACTURER OF ELEVATOR PARTS 中国领先的电梯配件制造商

无齿曳引机 Gearless traction machine

有齿曳引机 Geared traction machine

门机系统 Door machine system

宁波欣达电梯配件厂

NINGBO XINDA ELEVATOR ACCESSORIES CO.,LTD.

国内市场 Domestic market

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This manual is an ordinary information publications. We reserve the right to change the product design and instructions at any time. All the pictures and colors may be different from physical products, and in this case the physical objects shall prevail.



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Scan two-dimension code,
pay attention
to Xinda's portal



FLAGSHIP BRAND OF CHINA'S ELEVATOR SUPPORTING INDUSTRY

中国电梯配套产业旗舰品牌

1972-1989

1972年，企业前身“鄞县东吴西村胶木农机修配厂”成立。

In 1972, the predecessor of company "Jin County Dongwuxi Village Bakelite Agricultural Machinery Repair and Assembly Plant" was founded.

1978年，开始生产电梯配件。

In 1978, it began to produce the elevator accessories.

1984年，更名为“鄞县电梯配件厂”。

In 1984, it was rename as "Jin County Elevator Parts Plant".

1985年，D10.4A门锁试制成功。

In 1985, the trial production of D10.4A door lock was successful.

1988年，更名为“宁波欣达电梯配件厂”。

In 1988, it was renamed as "Ningbo Xinda Elevator Accessories Factory".

1989年，加入中国电梯协会。

In 1989, it joined in Chinese Elevator Association.

1990-1995

1990年，全国首创PB16A门锁获国家专利。
In 1990, the national first PB16A door lock won the national patent.

1991年，第1届国产电梯配套件质量评价中荣获“用户满意服务企业”称号，
门锁产品被评为“全国用户满意产品”。

In 1991, it was awarded as the title of "Service Enterprise Satisfied by Customer", and the door lock was named as "National Customer Satisfaction Product".

1995年，投资5000万元，引进国际一流的曳引机生产检测设备；
国内首台ET160自动扶梯驱动主机开发成功。

In 1995, it invested 50 million Yuan to purchase the world-class tractor production and testing equipment; The national first ET160 Escalator Main Drive was developed successfully.

1996-2001

1996年，参加第1届国际电梯展览，
展出面积达108 m²。

In 1996, it participated in the first International Elevator Exhibition, with the exhibition area of 108 m².

2000年，国内首台永磁同步无齿曳引机开发成功。

In 2000, the domestic first permanent magnet synchronous gearless tractor was developed successfully.

2001年，变频调速电梯曳引机被列入“国家重点新产品”项目；
YJ系列变频电梯曳引机被列入“国家级火炬计划”项目；
曳引机产品被评为“全国用户满意产品”。

In 2001, the variable frequency timing elevator tractor was listed in "National Key New Product" project; YJ series variable frequency elevator tractor was listed in "National Torch Plan" project; The tractor product was awarded as "National Customer Satisfaction Product".

2002-2004

2002年，欣达厂区总面积达到200000m²；
变频调速电梯曳引机被列入“重点国家级火炬计划”项目。

In 2002, the total area of Xinda Plant reached 200,000m²; The variable frequency timing elevator tractor was listed in "Key National Torch Plan" project.

2003年，欣达商标获“浙江省著名商标”称号；
国内首座68M高度电梯部件试验塔投入使用。

In 2003, the trademark of Xinda was awarded as the title of "Famous Trademark of Zhejiang Province"; The domestic first testing tower of elevator part with the height of 68M was put into use.

2004年，欣达商号荣获“浙江省知名商号”称号；
电梯曳引机被评为浙江名牌产品。

In 2004, Xinda Company won the title of "Famous Company of Zhejiang Province"; The elevator tractor was awarded as Famous-Brand Product of Zhejiang Province.

2005-2008

2005年，荣获“全国建设机械行业用户满意先进企业”称号。
永磁同步无齿曳引机通过CE认证。

In 2005, it won the title of "User Satisfaction Advanced Enterprise of National Construction Machinery Industry". The permanent magnet synchronous gearless tractor passed CE certification.

2006年，永磁同步无齿曳引机项目列入“国家火炬计划”项目。

In 2006, the permanent magnet synchronous gearless tractor project was listed in "National Torch Plan" project.

2007年，建筑面积4000m²的技术中心研发大楼交付使用。

In 2007, the R&D building of Technical Center with the construction area of 4000 m² was delivered for use.

2008年，“欣达”商标荣膺“中国驰名商标”称号；
荣获“高新技术企业”称号；
参与制定《电梯曳引机标准》。

In 2008, "Xinda" trademark was awarded as the title of "Well-known Trademark in China"; It was awarded as "High-tech Enterprise"; It participated in formulating Standard for Elevator Tractor.

2009-2015

2009年，获“国家火炬计划重点高新技术企业”；
获宁波市企业院士工作站授牌；
获“浙江省优秀企业技术中心”称号。

In 2009, it was awarded as "Key High-tech Technology Enterprise of National Torch Plan"; It was granted the license by Enterprise Academician Workstation of Ningbo City; It was awarded as the title of "Excellent Enterprise Technology Center of Zhejiang Province".

2013年，永磁同步无齿曳引机68个型号入围“节能产品惠民工程”高效电机推广目录；
连续10次24年（1991-2014）荣获“全国用户满意产品”和“全国用户满意服务企业”。

In 2013, the 68 models of permanent magnet synchronous gearless tractor were selected in Efficient Motor Promotion Directory of "Project Benefitting the People of Energy Saving Products"; They were awarded as "National Customer Satisfaction Product" and "National Customer Satisfaction Service Enterprise" for 10 times for 24 years (1991-2014) continuously.

2015年，永磁同步无齿曳引机27个型号获“中国节能产品”认证；
通过知识产权管理体系认证。

In 2015, 27 models of permanent magnet synchronous gearless tractor won the certification of "China Energy-saving Product"; It passed the certification of intellectual property management system.

MANUFACTURER OF KEY ELEVATOR PARTS
WITH STRONG INDEPENDENT
INNOVATION CAPABILITY

具有强大自主创新能力的
电梯关键部件制造商



宁波欣达电梯配件厂成立于1972年，国内最早开始专业生产电梯配套件企业。公司坚持“诚信为本、创新为魂”的经营宗旨，以省级院士工作站、省级企业技术中心为依托，拥有强大的自主创新能力，致力于节能环保产品的研发生产。在国内率先开发成功的永磁同步无齿曳引机产品获18项国内授权专利、1项国际发明专利。

欣达系国家火炬计划重点高新技术企业，主导产品和企业连续十次24年（1991-2014年）荣获“全国用户满意产品”、“全国用户满意服务企业”称号，欣达商标系中国驰名商标，欣达牌电梯曳引机是浙江名牌产品，列入国家重点新产品、重点国家火炬计划项目、国家火炬计划项目、国家“节能产品惠民工程”高效电机推广目录，无齿曳引机27个型号获国家节能产品认证。

Ningbo Xinda Elevator Accessories Factory was founded in 1972, and is the earliest enterprise to produce the elevator parts in China. The company adheres to the business purpose of "Honesty foremost, innovation as the soul", depends on the academicians workstation and provincial enterprise technology center, has the strong independent innovation capability, and commits to R&D and production of energy-saving and environmental products. The first developed permanent magnet synchronous gearless tractor in China successfully won 18 domestic authorized patents and 1 international invention patent.

Xinda is the key high-tech enterprise of national torque plan, its leading products and enterprise were awarded as the title of "National Customer Satisfaction Product" and "National Customer Satisfaction Service Enterprise" for 10 times for 24 years (1991-2014), Xinda trademark is Chinese famous trademark, Xinda brand elevator tractor is the famous-brand product which was listed in the National Key New Products, Key National Torque Plan Project, National Torque Plan Project, National Efficient Motor Promotion Directory of "Project Benefiting to the People of Energy Saving Product", and 27 models of gearless tractor passed the national energy saving product certification.



国家火炬计划重点高新技术企业

Key High-tech Enterprise of National Torque Plan



中国节能产品认证

Chinese Energy Conservation Product Certification



参与国家标准《电梯曳引机》起草

Participation in drafting the national standard Elevator Tractor



中国驰名商标

Famous Trademark in China



STRENGTH AND QUALITY MAKE AN
OUTSTANDING SUPPLIER OF COMPONENTS

实力与品质兼具，
打造杰出部件供应商

欣达拥有投资逾五亿元的世界一流的制造工艺设备，严格遵循国际ISO9001质量管理体系生产标准，引进德国UV浸漆设备、德国喷涂流水线、芬兰钣金流水线以及立式加工中心、高速冲床、立式数控车床、冷式压铸机等加工设备，尖端的装备，精益化的生产制造，确保了加工精度。

Xinda has the world-class manufacturing technology and equipment by investment of more than 500 million Yuan, complies with the production standard of international ISO9001 Quality Management System, and introduces Germany UV immersion paint, Germany spray assembly line, Finland sheet metal assembly line and vertical machining center, high-speed punch, vertical CNC lathe, cold casting machine and other processing equipments, advanced equipments and lean manufacturing to ensure the processing precision.

1 精密加工车间
Precision machining workshop

2 德国ICB/1200喷涂流水线
Germany ICB/1200 spraying assembly line

3 立式数控车床
Vertical CNC lathe

4 立式加工中心
Vertical processing center

5 德国UV浸漆设备
Germany UV immersion paint equipment

6 芬兰NIGHT-TRAIN钣金流水线
Finland NIGHT-TRAIN sheet metal assembly line

PRECISION TESTING CAST WORKMANSHIP QUALITY 精密检测，铸就精工品质

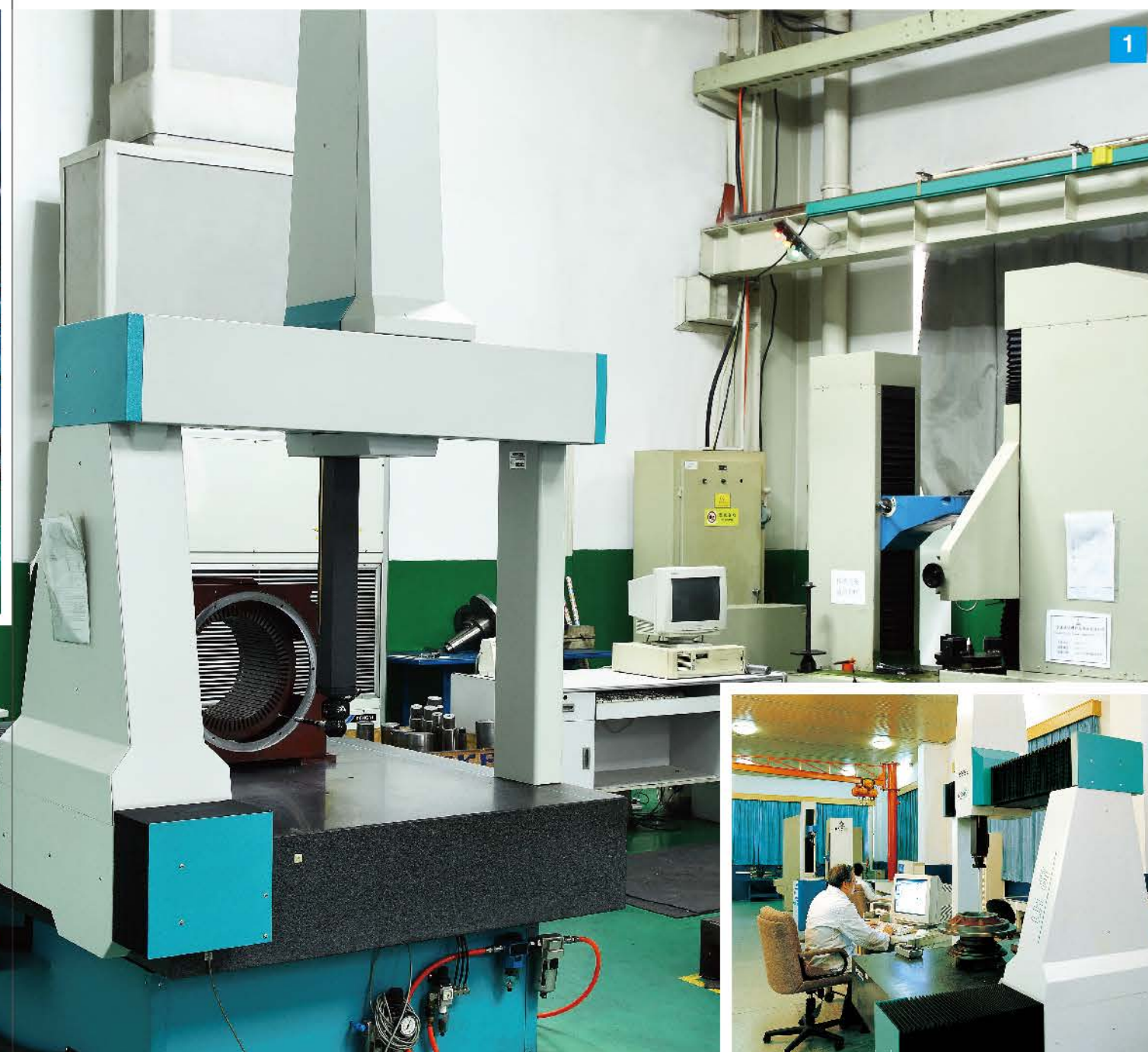
欣达率先引进总投资3000万元的精密检测中心，以及电梯零部件试验塔、电机测试隔音室、永磁同步电机测试系统等检测设施，产品结构设计中采用有限元分析软件。通过精密的检测分析技术，确保提供高品质的电梯关键部件。

Xinda introduced the precision testing center by the investment of 30 million Yuan firstly, and the test tower of elevator parts, motor testing soundproof room, permanent magnet synchronous motor testing system and other testing facilities, and the product structure design used the finite element analysis software. The precise testing and analysis technology ensures to provide the high-quality key elevator parts.



- 1 精密检测中心
Precision testing center
- 2 噪音测试
Noise testing room
- 3 曳引机测试
Test of traction machines

- 4 试验塔检测
Test tower detection
- 5 门机测试
Door operator test
- 6 电机试验测试
Experiment tests of motor



TECHNOLOGY ENHANCING VALUE AND INNOVATION LEADING THE FUTURE 技术提升价值，创新引领未来



欣达坚持以技术创新驱动企业发展，创建“省级院士工作站”和“省级技术中心”平台，聘请中国科学院、中国工程院两院院士专家为技术顾问，组建了一支优秀人才组成的研发团队；同时与浙江大学等高等院校深入合作，创建综合性产学研一体化平台，推进新技术的产业化建设，以新技术研发成果为企业创造更多效益，引领企业未来可持续发展。

Xinda adheres to drive the enterprise development by the technological innovation, creates the "Provincial Academician Workstation" and "Provincial Technology Center" platform, hires the academician experts from Chinese Academy of Sciences and Chinese Academy of Engineering, and organize a research and development team composed of excellent talent; meanwhile it cooperates with Zhejiang University and other universities deeply to create a comprehensive platform integrating with the production, study and research, promotes the industrial construction of new technology, creates more benefits for the enterprise with the R&D results of new technology, and leads the future sustainable development of enterprise.



强大的研发团队

Strong R&D team

在技术研发领域，欣达不断引进和消化吸收先进技术，始终坚持以人为本的团队理念，积极引进一流的科技人才，并融入现代化的科学管理理念，并不断加大每年在科研资金上的投入。

In the field of technology R&D, Xinda introduces and absorbs the advanced technology constantly, always adheres to the people-oriented team philosophy, introduces the first-class scientific talents actively, integrates the modern scientific management concept, and increases the annual investment for the scientific research funds constantly.



■ 研究生及以上 Graduate student and above
■ 本科 Undergraduate
■ 专科 College
■ 其他 Others

研发团队
R & D TEAM



CONSTANT INNOVATION CONTINUOUS SURPASSING 创新不停，超越不止

辉煌历程 荣誉见证
Glorious history, honorary witness

欣达凭着雄厚的技术力量、卓越的产品质量和强劲的营销开拓，在行业中的技术和市场两大领域攀登了一个又一个高峰，获得多项由国家相关部门授予的荣誉奖项。

Xinda climbed peaks one after another in two fields of industrial technology and market and won many prestigious awards granted by the relevant national departments depending on the strong technical force, excellent product quality and powerful marketing expansion.



研发成果 行业领先
R&D results, industry leading

欣达坚持核心技术的研发与加强节能环保产品开发，无齿曳引机27个型号获国家节能产品认证，产品通过欧盟CE认证、美国、加拿大CSA认证、韩国KTL认证，公司现拥有63项国内专利，1项欧盟发明专利，并参与了《电梯曳引机》国家标准的起草。

Xinda adheres to R&D of core technology and strengthen the development of energy saving and environment-friendly products, 27 models of gearless tractor won the national energy saving product certification, the products passed EU CE Certification, US, Canada CSA Certification and Korean KTL Certification, and the company has 63 domestic patents and 1 EU invention patent, and participated in drafting the national standard of Elevator Tractor.



SINCERE SERVICE GOOD REPUTATION OVER THE WORLD 真诚服务，誉满全球

欣达在全球范围内建立了广泛的市场营销服务网络，用创新产品和服务更好地满足客户需求。与众多国际知名的电梯企业保持良好的合作关系，产品遍布于欧洲、东南亚、非洲、澳洲和美洲等89个国家和地区。

Xinda establishes the extensive marketing service network in China, and uses the innovative products and professional services to meet the customer need better. It keeps the good cooperation relationship with the international well-known elevator enterprise, and the products spread all over Europe, Southeast Asia, Africa, Australia and America and total 89 countries and regions.

国内展览 Domestic exhibition



2004年中国国际电梯展
(上海)

2006年中国国际电梯展
(廊坊)



2008年中国国际电梯展
(廊坊)

2010年中国国际电梯展
(廊坊)



2012年中国国际电梯展
(广州)

2014年中国国际电梯展
(广州)

国外展览 Foreign exhibition



2007年德国国际电梯展

2009年德国国际电梯展

2010年巴西国际电梯展



2010年波兰国际电梯展

2013年土耳其国际电梯展

2013年德国国际电梯展



2013年俄罗斯国际电梯展

2014年印度国际电梯展

2015年德国国际电梯展

1 亚洲区域 Asia area

巴基斯坦	Pakistan
菲律宾	Philippines
格鲁吉亚	Georgia
韩国	Korea
马来西亚	Malaysia
孟加拉	Bangladesh
缅甸	Myanmar
日本	Japan
斯里兰卡	Sri Lanka
台湾	Taiwan
泰国	Thailand
新加坡	Singapore
印度	India
印度尼西亚	Indonesia
越南	Vietnam
澳门	Macau
香港	Hongkong

2 中东区域 Middle East area

阿尔及利亚	Algeria
突尼斯	Tunisia
阿联酋	U.A.E
埃及	Egypt
巴勒斯坦	Palestine
巴林	Bahrain
卡塔尔	Qatar
科威特	Kuwait
黎巴嫩	Lebanon
利比亚	Libya
沙特阿拉伯	Saudi Arabia
叙利亚	Syria
也门	Yemen
伊朗	Iran
以色列	Israel
约旦	Jordan

3 欧洲区域 Europe area

阿尔巴尼亚	Albania
爱沙尼亚	Estonia
奥地利	Austria
白俄罗斯	Belarus
保加利亚	Bulgaria
波兰	Poland
德国	Germany
俄罗斯	Russia
法国	France
芬兰	Finland
荷兰	Netherlands
南斯拉夫	Yugoslavia
葡萄牙	Portugal
瑞典	Switzerland
瑞士	Sweden
塞尔维亚	Serbia
斯洛伐克	Slovakia
斯洛文尼亚	Slovenia
土耳其	Turkey
乌克兰	Ukraine
捷克	Czech Republic
拉脱维亚	Latvia
立陶宛	Lithuania
罗马尼亚	Romania

西班牙	Spain
希腊	Greece
匈牙利	Hungary
意大利	Italy
英国	United Kingdom

4 非洲区域 Africa area

埃塞俄比亚	Ethiopia
加纳	Ghana
津巴布韦	Zimbabwe
毛里求斯	Mauritius
南非	South Africa
尼日利亚	Nigeria
坦桑尼亚	Tanzania
赞比亚	Zambia

5 大洋洲区域 Oceania area

澳大利亚	Australia
新西兰	New Zealand

6 北美洲区域 North America area

巴拿马	Panama
波多黎各	Puerto Rico
多米尼加	Dominican Republic
哥斯达黎加	Costa Rica
古巴	Cuba
洪都拉斯	Honduras
美国	USA
墨西哥	Mexico
特立尼达多巴哥	Trinidad And Tobago

7 南美洲区域 South America area

阿根廷	Argentina
巴西	Brazil
厄瓜多尔	Ecuador
哥伦比亚	Colombia
秘鲁	Peru
委内瑞拉	Venezuela
智利	Chile

DIANA.1 Φ 330 系列

无齿曳引机
GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 1:1、2:1
- 额定载重: 320、400、450、630、800、1000、1250kg
- 额定梯速: 0.63、1、1.6、1.75m/s
- 最大提升高度: 60m
- 最大轴负荷: 3500kg
- 适配变频器: 3相400V级
- 制动器电压: DC200V、DC110V
- 电动机极数: 20极

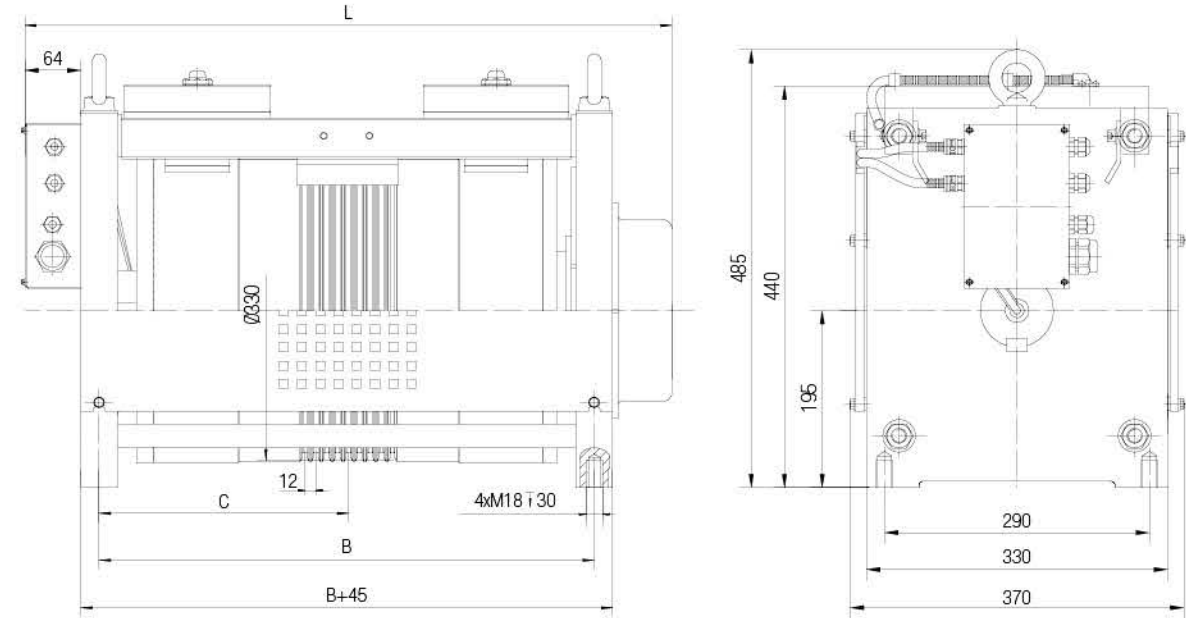
- Traction ratio: 1:1、2:1
- Rated capacity: 320、400、450、630、800、1000、1250kg
- Rated elevator speed: 0.63、1、1.6、1.75m/s
- Max. lifting height: 60m
- Max. shaft load: 3500kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC200V, DC110V
- Number of motor poles: 20 poles

产品描述 Product Description

Diana系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式。具有低能耗、低噪音、无污染、少维护等优越性。采用墙板式支承，由四根可拆卸的拉杆构成承重结构，采用外转子式结构，曳引轮直接加工在转子磁轭上。排斥式的矩形制动器固定于上部的矩形截面拉杆上，独特的设计使其结构紧凑轻巧。曳引绳槽既可以布置在中间，也可以布置在一侧。当曳引绳槽布置在曳引轮中间时可采用双倍绳槽，使曳引轮寿命增加一倍。可安在井道顶部，也可安装于井道底部，并具有手动盘车功能。

Diana series permanent magnet synchronous gearless traction machine is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and has the advantages of low energy consumption, low noises, no pollution, and little maintenance. Provided with wall-mounted supports, this kind of traction machine has its bearing structure consisting of four detachable drag links and have external rotor construction. The traction sheave is directly mounted on rotor yoke. Repulsion rectangular brake is fixed on upper drag link with rectangular cross-section, and it has unique design that makes it compact and light. Traction rope groove can be arranged in the middle or on one side. When the rope groove is arranged in the middle, double rope groove can be used so as to double the life of traction sheave. The traction machine can be installed on the top of the shaft way or at the bottom of the shaft way, and has handwinding function.

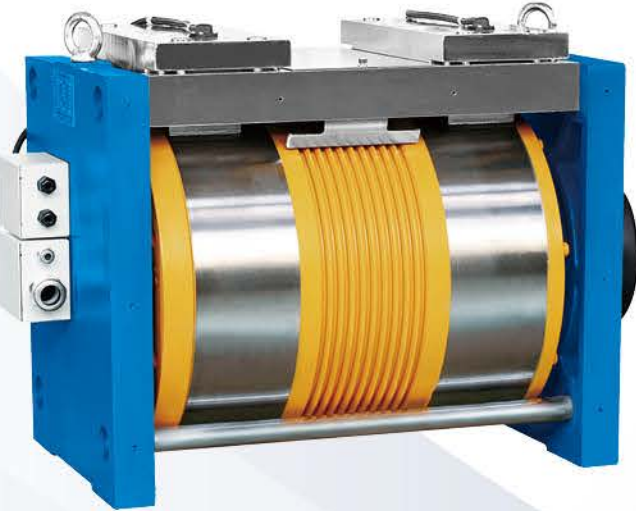
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	L	B	C	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
Diana 1-6.3-320-1		0.63	320	1.40	36.5	6.1	3.80	370	10xØ8	1:1	656	477	238.5	300	30
Diana 1-10-320-1		1.00	320	2.20	58	9.6	5.60	370	10xØ8	1:1	656	477	238.5	300	45
Diana 1-6.3-400-1		0.63	400	1.80	36.5	6.1	4.60	460	12xØ8	1:1	716	537	268.5	335	30
Diana 1-10-400-1		1.00	400	2.80	58	9.6	6.40	460	12xØ8	1:1	716	537	268.5	335	45
Diana 1-16-400-1		1.60	400	4.50	93	15.4	10.0	460	12xØ8	1:1	716	537	268.5	335	60
Diana 1-6.3-450-1		0.63	450	2.00	36.5	6.1	5.00	510	12xØ8	1:1	716	537	268.5	335	30
Diana 1-10-450-1		1.00	450	3.10	58	9.6	7.30	510	12xØ8	1:1	716	537	268.5	335	45
Diana 1-16-450-1		1.60	450	5.00	93	15.4	11.2	510	12xØ8	1:1	716	537	268.5	335	60
Diana 1-6.3-630-1		0.63	630	2.80	36.5	6.1	7.00	710	12xØ8	1:1	786	607	303.5	396	30
Diana 1-10-630-1		1.00	630	4.30	58	9.6	10.0	710	12xØ8	1:1	786	607	303.5	396	45
Diana 1-16-630-1		1.60	630	6.90	93	15.4	15.4	710	12xØ8	1:1	786	607	303.5	396	60
Diana 1-17.5-630-1		1.75	630	7.50	101	16.9	16.4	710	12xØ8	1:1	786	607	303.5	396	60
Diana 1-6.3-320-2		0.63	320	1.40	73	12.2	3.40	185	8xØ8	2:1	616	437	218.5	250	30
Diana 1-10-320-2		1.00	320	2.20	116	19.3	5.30	185	8xØ8	2:1	616	437	218.5	250	45
Diana 1-6.3-400-2		0.63	400	1.80	73	12.2	4.00	230	8xØ8	2:1	616	437	218.5	255	30
Diana 1-10-400-2		1.00	400	2.80	116	19.3	6.20	230	8xØ8	2:1	616	437	218.5	255	45
Diana 1-16-400-2		1.60	400	4.50	185	30.9	9.40	230	8xØ8	2:1	616	437	218.5	255	60
Diana 1-6.3-450-2		0.63	450	2.00	73	12.2	4.40	255	8xØ8	2:1	616	437	218.5	260	30
Diana 1-10-450-2		1.00	450	3.10	116	19.3	6.90	255	8xØ8	2:1	616	437	218.5	260	45
Diana 1-16-450-2		1.60	450	4.90	185	30.9	10.5	255	8xØ8	2:1	616	437	218.5	260	60
Diana 1-6.3-630-2		0.63	630	2.80	73	12.2	6.10	355	10xØ8	2:1	616	437	218.5	270	30
Diana 1-10-630-2		1.00	630	4.30	116	19.3	9.30	355	10xØ8	2:1	616	437	218.5	270	45
Diana 1-16-630-2		1.60	630	6.90	185	30.9	14.6	355	10xØ8	2:1	616	437	218.5	270	60
Diana 1-17.5-630-2		1.75	630	7.50	203	33.8	15.4	355	10xØ8	2:1	616	437	218.5	270	60
Diana 1-6.3-800-2		0.63	800	3.50	73	12.2	7.60	450	12xØ8	2:1	656	477	238.5	300	30
Diana 1-10-800-2		1.00	800	5.50	116	19.3	11.7	450	12xØ8	2:1	656	477	238.5	300	45
Diana 1-16-800-2		1.60	800	8.70	185	30.9	18.3	450	12xØ8	2:1	656	477	238.5	300	60
Diana 1-17.5-800-2		1.75	800	9.60	203	33.8	19.9	450	12xØ8	2:1	656	477	238.5	300	60
Diana 1-6.3-1000-2		0.63	1000	4.30	73	12.2	9.50	560	12xØ8	2:1	716	537	268.5	335	30
Diana 1-10-1000-2		1.00	1000	6.80	116	19.3	14.2	560	12xØ8	2:1	716	537	268.5	335	45
Diana 1-16-1000-2		1.60	1000	10.8	185	30.9	21.9	560	12xØ8	2:1	716	537	268.5	335	60
Diana 1-17.5-1000-2		1.75	1000	11.9	203	33.8	23.6	560	12xØ8	2:1	716	537	268.5	335	60
Diana 1-6.3-1250-2		0.63	1250	5.40	73	12.2	11.9	710	12xØ8	2:1	786	607	303.5	380	30
Diana 1-10-1250-2		1.00	1250	8.50	116	19.3	17.2	710	12xØ8	2:1	786	607	303.5	380	45
Diana 1-16-1250-2		1.60	1250	13.6	185	30.9	26.8	710	12xØ8	2:1	786	607	303.5	380	60
Diana 1-17.5-1250-2		1.75	1250	14.9	203	33.8	29.4	710	12xØ8	2:1	786	607	303.5	380	60

DIANA.2 Φ410 系列

无齿曳引机 GEARLESS TRACTION MACHINE

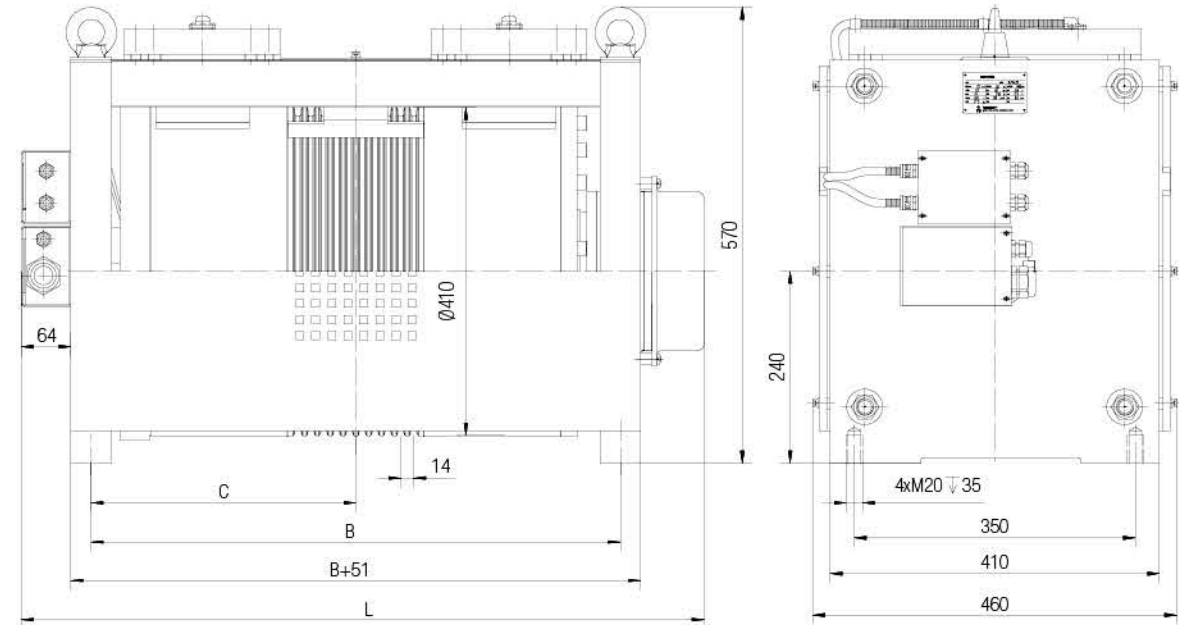


产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 800、1000、1350、1600、2000kg
额定梯速: 1、1.6、1.75m/s
最大提升高度: 60m
最大轴负荷: 5000kg
适配变频器: 3相400V级
制动器电压: DC200V、DC110V
电动机极数: 20极

Traction ratio: 1:1、2:1
Rated capacity: 800、1000、1350、1600、2000kg
Rated elevator speed: 1、1.6、1.75m/s
Max. lifting height: 60m
Max. shaft load: 5000kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V, DC110V
Number of motor poles: 20 poles

外形和安装尺寸 Overall dimensions and mounting dimensions



产品描述 Product Description

Diana系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式。
具有低能耗、低噪音、无污染、少维护等优越性。

采用墙板式支承，由四根可拆卸的拉杆构成承重结构，采用外转子式结构，曳引轮直接加工在转子磁轭上。

排斥式的矩形制动器固定于上部的矩形截面拉杆上，独特的设计使其结构紧凑轻巧。

曳引绳槽既可以布置在中间，也可以布置在一侧。

可安在井道顶部，也可安装于井道底部，并具有手动盘车功能。

Diana series permanent magnet synchronous gearless traction machine is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and has the advantages of low energy consumption, low noises, no pollution, and little maintenance.
Provided with wall-mounted supports, this kind of traction machine has its bearing structure consisting of four detachable drag links and have external rotor construction. The traction sheave is directly mounted on rotor yoke.
Repulsion rectangular brake is fixed on upper drag link with rectangular cross-section, and it has unique design that makes it compact and light.
Traction rope groove can be arranged in the middle or on one side. When the rope groove is arranged in the middle, double rope groove can be used so as to double the life of traction sheave.
The traction machine can be installed on the top of the shaft way or at the bottom of the shaft way, and has handwinding function

型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	L	B	C	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
Diana 2-10-800-1		1.00	800	5.50	46.8	7.8	12	1116	9xØ10	1:1	799	604	302.0	610	45
Diana 2-16-800-1		1.60	800	8.70	74.4	12.4	20	1116	9xØ10	1:1	799	604	302.0	610	60
Diana 2-17.5-800-1		1.75	800	9.50	81.6	13.6	22	1116	9xØ10	1:1	799	604	302.0	610	60
Diana 2-10-1000-1		1.00	1000	6.80	46.8	7.8	16	1395	10xØ10	1:1	854	659	329.5	680	45
Diana 2-16-1000-1		1.60	1000	10.9	74.4	12.4	25	1395	10xØ10	1:1	854	659	329.5	680	60
Diana 2-17.5-1000-1		1.75	1000	11.9	81.6	13.6	27	1395	10xØ10	1:1	854	659	329.5	680	60
Diana 2-10-1350-2		1.00	1350	9.20	93	15.5	20	940	8xØ10	2:1	764	569	284.5	580	45
Diana 2-16-1350-2		1.60	1350	14.7	149	24.8	32	940	8xØ10	2:1	764	569	284.5	580	60
Diana 2-17.5-1350-2		1.75	1350	16.1	163	27.2	34	940	8xØ10	2:1	764	569	284.5	580	60
Diana 2-10-1600-2		1.00	1600	10.9	93	15.5	24	1116	9xØ10	2:1	799	604	302.0	610	45
Diana 2-16-1600-2		1.60	1600	17.4	149	24.8	37	1116	9xØ10	2:1	799	604	302.0	610	60
Diana 2-17.5-1600-2		1.75	1600	19.0	163	27.2	40	1116	9xØ10	2:1	799	604	302.0	610	60
Diana 2-10-2000-2		1.00	2000	13.6	93	15.5	29	1395	10xØ10	2:1	854	659	329.5	680	45
Diana 2-16-2000-2		1.60	2000	21.8	149	24.8	46	1395	10xØ10	2:1	854	659	329.5	680	60
Diana 2-17.5-2000-2		1.75	2000	23.8	163	27.2	50	1395	10xØ10	2:1	854	659	329.5	680	60

DIANA.4 Φ265 系列

无齿曳引机 GEARLESS TRACTION MACHINE

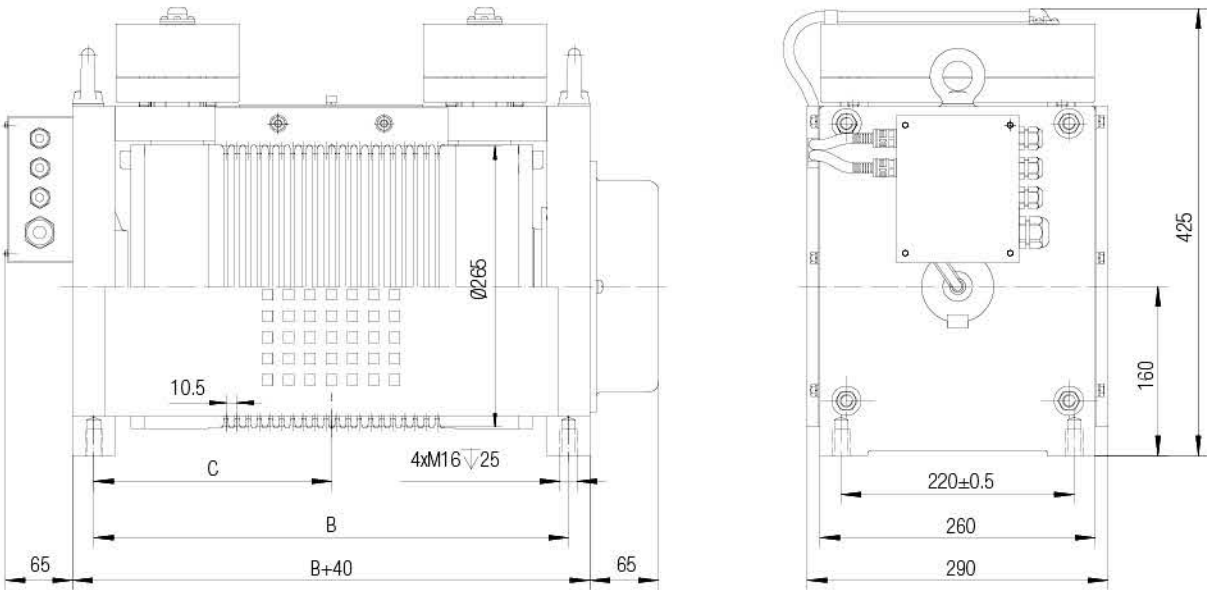


产品特点 Product Characteristics

曳引比: 2:1
额定载重: 250、320、400、480、630kg
额定梯速: 0.3、0.63、1、1.6m/s
最大提升高度: 40m
最大轴负荷: 2500kg
适配变频器: 3相400V级
制动器电压: DC200V、DC110V
电动机极数: 16极

Traction ratio: 2:1
Rated capacity: 250、320、400、480、630kg
Rated elevator speed: 0.3、0.63、1、1.6m/s
Max. lifting height: 40m
Max. shaft load: 2500kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V, DC110V
Number of motor poles: 16 poles

外形和安装尺寸 Overall dimensions and mounting dimensions



产品描述 Product Description

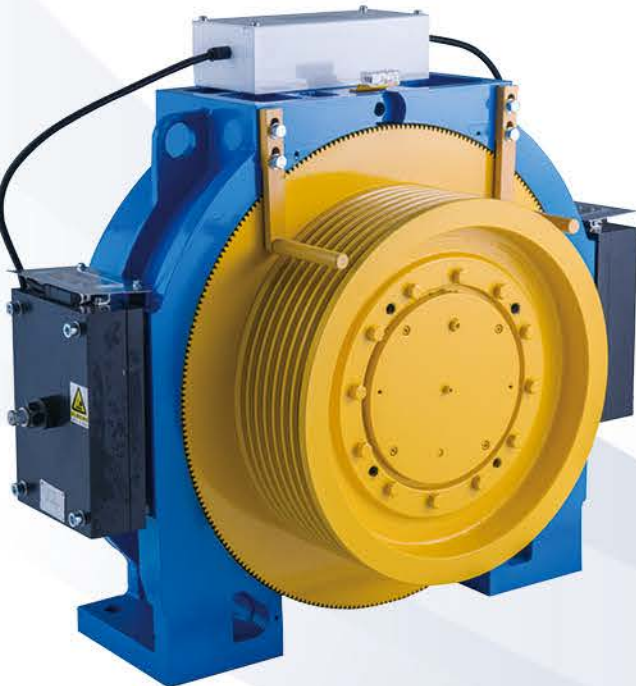
Diana系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式。
具有低能耗、低噪音、无污染、少维护等优越性。
采用墙板式支承，由四根可拆卸的拉杆构成承重结构，采用外转子式结构，曳引轮直接加工在转子磁轭上。
排斥式的矩形制动器固定于上部的矩形截面拉杆上，独特的设计使其结构紧凑轻巧。
曳引绳槽既可以布置在中间，也可以布置在一侧。当曳引绳槽布置在曳引轮中间时可采用双倍绳槽，使曳引轮寿命增加一倍。
可安在井道顶部，也可安装于井道底部，是家用电梯的理想选择。

Diana series permanent magnet synchronous gearless traction machine is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and has the advantages of low energy consumption, low noises, no pollution, and little maintenance.
Provided with wall-mounted supports, this kind of traction machine has its bearing structure consisting of four detachable drag links and have external rotor construction. The traction sheave is directly mounted on rotor yoke.
Repulsion rectangular brake is fixed on upper drag link with rectangular cross-section, and it has unique design that makes it compact and light.
Traction rope groove can be arranged in the middle or on one side. When the rope groove is arranged in the middle, double rope groove can be used so as to double the life of traction sheave.
The traction machine can be installed on the top of the shaft way or at the bottom of the shaft way, and is an ideal choice of home elevator.

型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	B	C	自重 Weight (kg)
Diana	4-3-250	0.3	250	0.52	43.5	5.8	2.74	115	10XΦ6	2:1	383	191.5	177
Diana	4-6.3-250	0.63	250	1.1	90.8	12.1	3.29	115	10XΦ6	2:1	383	191.5	177
Diana	4-3-320	0.3	320	0.66	43.5	5.8	3.09	146	10XΦ6	2:1	383	191.5	177
Diana	4-6.3-320	0.63	320	1.4	90.8	12.1	3.92	146	10XΦ6	2:1	383	191.5	177
Diana	4-6.3-400	0.63	400	1.76	90.8	12.1	4.64	185	12XΦ6	2:1	418	209	193
Diana	4-10-400	1.0	400	2.8	144	19.2	6.19	185	12XΦ6	2:1	418	209	193
Diana	4-6.3-480	0.63	480	2.12	90.8	12.1	5.53	223	12XΦ6	2:1	418	209	193
Diana	4-10-480	1.0	480	3.36	144	19.2	7.35	223	12XΦ6	2:1	418	209	193
Diana	4-16-480	1.6	480	5.36	231	30.8	12.1	223	12XΦ6	2:1	418	209	193
Diana	4-6.3-630	0.63	630	2.78	90.8	12.1	7.14	292	14XΦ6	2:1	448	224	206
Diana	4-10-630	1.0	630	4.41	144	19.2	9.71	292	14XΦ6	2:1	448	224	206
Diana	4-16-630	1.6	630	7.04	231	30.8	15.63	292	14XΦ6	2:1	448	224	206

MINI.2 Φ 410/500 系列

无齿曳引机
GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

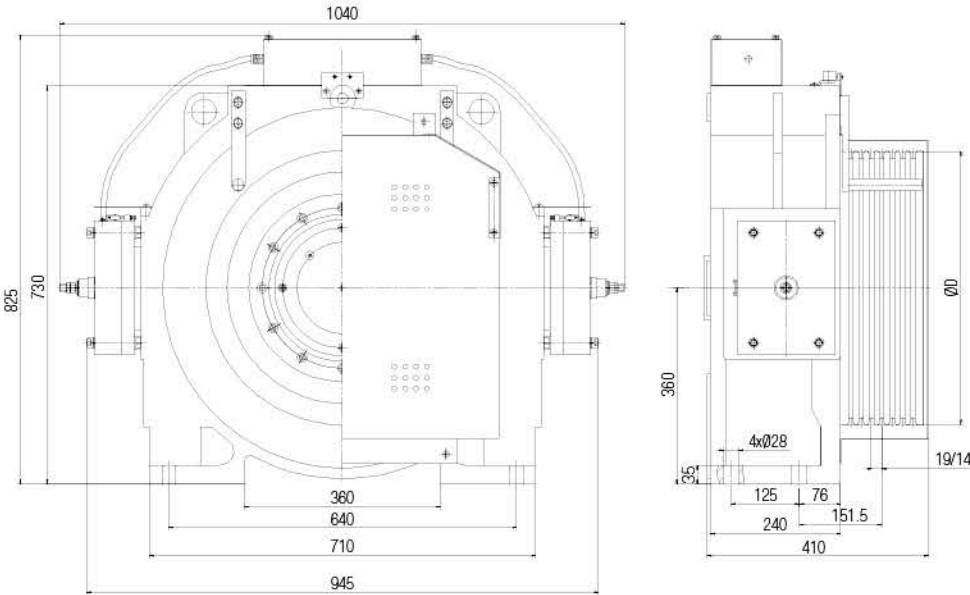
曳引比: 1:1、2:1
额定载重: 800、1000、1350、1600、2000kg
额定梯速: 1.0、1.6、1.75、2.0、2.5m/s
最大提升高度: 120m
最大轴负荷: 7000kg
适配变频器: 3相400V级
制动器电压: 打开电压DC200V, 保持电压DC100V, DC110V
电动机极数: 30极

Traction ratio: 1:1、2:1
Rated capacity: 800、1000、1350、1600、2000kg
Rated elevator speed: 1.0、1.6、1.75、2.0、2.5m/s
Max. lifting height: 120m
Max. shaft load: 7000kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V for Brake opening,
and DC100V for brake holding, DC110V
Number of motor poles: 30 poles

产品描述 Product Description

MINI2是一款中高速大载重的曳引机，适用于高层有机房安装方式。
MINI2 is a medium and high speed heavy load traction machine, suitable for machine room elevators for high building.

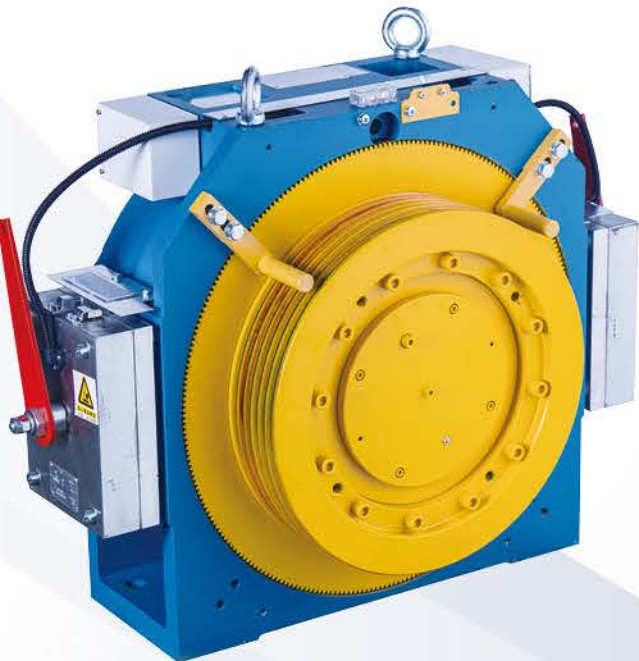
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	D	自重 weight (kg)	推荐提升高度 Recommended lifting height (m)
Mini	2-10-800-1	1	800	5.5	38.4	9.6	14	1360	7XΦ12X19	1:1	500	765	45
Mini	2-16-800-1	1.6	800	8.7	61.2	15.3	20	1360	7XΦ12X19	1:1	500	765	70
Mini	2-17.5-800-1	1.75	800	9.5	66.8	16.7	22	1360	7XΦ12X19	1:1	500	765	80
Mini	2-20-800-1	2	800	10.9	76.4	19.1	25	1360	7XΦ12X19	1:1	500	765	90
Mini	2-25-800-1	2.5	800	13.6	95.6	23.9	30	1360	7XΦ12X19	1:1	500	765	120
Mini	2-10-1000-1	1	1000	6.8	38.4	9.6	17	1700	7XΦ12X19	1:1	500	780	45
Mini	2-16-1000-1	1.6	1000	10.9	61.2	15.3	25	1700	7XΦ12X19	1:1	500	780	70
Mini	2-17.5-1000-1	1.75	1000	11.9	66.8	16.7	27	1700	7XΦ12X19	1:1	500	780	80
Mini	2-20-1000-1	2	1000	13.6	76.4	19.1	30	1700	7XΦ12X19	1:1	500	780	90
Mini	2-25-1000-1	2.5	1000	17	95.6	23.9	37	1700	7XΦ12X19	1:1	500	780	120
Mini	2-10-1250-1	1	1250	8.5	46.4	11.6	20.6	1740	10XΦ10X14	1:1	410	780	45
Mini	2-16-1250-1	1.6	1250	13.6	74.4	18.6	32.8	1740	10XΦ10X14	1:1	410	780	70
Mini	2-17.5-1250-1	1.75	1250	14.9	81.6	20.4	35.5	1740	10XΦ10X14	1:1	410	780	80
Mini	2-20-1250-1	2	1250	17	93.2	23.3	39.5	1740	10XΦ10X14	1:1	410	780	80
Mini	2-10-1350-2	1	1350	9.2	76.4	19.1	23	1148	7XΦ12X19	2:1	500	750	45
Mini	2-16-1350-2	1.6	1350	14.7	122.4	30.6	33.8	1148	7XΦ12X19	2:1	500	750	70
Mini	2-17.5-1350-2	1.75	1350	16	133.6	33.4	36.5	1148	7XΦ12X19	2:1	500	750	80
Mini	2-20-1350-2	2	1350	18.4	152.8	38.2	40.5	1148	7XΦ12X19	2:1	500	750	90
Mini	2-25-1350-2	2.5	1350	23	191	47.8	50.6	1148	7XΦ12X19	2:1	500	750	120
Mini	2-10-1600-2	1	1600	10.9	76.4	19.1	25	1360	7XΦ12X19	2:1	500	765	45
Mini	2-16-1600-2	1.6	1600	17.3	122.4	30.6	40	1360	7XΦ12X19	2:1	500	765	70
Mini	2-17.5-1600-2	1.75	1600	19	133.6	33.4	43.2	1360	7XΦ12X19	2:1	500	765	80
Mini	2-20-1600-2	2	1600	21.8	152.8	38.2	48	1360	7XΦ12X19	2:1	500	765	90
Mini	2-25-1600-2	2.5	1600	27.2	191	47.8	60	1360	7XΦ12X19	2:1	500	765	120
Mini	2-10-2000-2	1	2000	13.6	76.4	19.1	30	1700	7XΦ12X19	2:1	500	780	45
Mini	2-16-2000-2	1.6	2000	21.8	122.4	30.6	50	1700	7XΦ12X19	2:1	500	780	70
Mini	2-17.5-2000-2	1.75	2000	23.8	133.6	33.4	54	1700	7XΦ12X19	2:1	500	780	80
Mini	2-20-2000-2	2	2000	27.2	152.8	38.2	60	1700	7XΦ12X19	2:1	500	780	90
Mini	2-25-2000-2	2.5	2000	34	191	47.8	75	1700	7XΦ12X19	2:1	500	780	120
Mini	2-10-1600-2	1	1600	10.9	93.2	23.3	25	1120	10XΦ10X14	2:1	410	750	45
Mini	2-16-1600-2	1.6	1600	17.3	149.2	37.3	40	1120	10XΦ10X14	2:1	410	750	70
Mini	2-17.5-1600-2	1.75	1600	19	163.2	40.8	43.2	1120	10XΦ10X14	2:1	410	750	80
Mini	2-20-1600-2	2	1600	21.8	186.4	46.6	48	1120	10XΦ10X14	2:1	410	750	90
Mini	2-10-2000-2	1	2000	13.6	93.2	23.3	30	1390	10XΦ10X14	2:1	410	765	45
Mini	2-16-2000-2	1.6	2000	21.8	149.2	37.3	50	1390	10XΦ10X14	2:1	410	765	70
Mini	2-17.5-2000-2	1.75	2000	23.8	163.2	40.8	54	1390	10XΦ10X14	2:1	410	765	80
Mini	2-20-2000-2	2	2000	27.2	186.4	46.6	60	1390	10XΦ10X14	2:1	410	765	90
Mini	2-10-2500-2	1	2500	17	93.2	23.3	39.5	1740	10XΦ10X14	2:1	410	780	45
Mini	2-16-2500-2	1.6	2500	27.2	149.2	37.3	60	1740	10XΦ10X14	2:1	410	780	70
Mini	2-17.5-2500-2	1.75	2500	29.8	163.2	40.8	66.7	1740	10XΦ10X14	2:1	410	780	80
Mini	2-20-2500-2	2	2500	34	186.4	46.6	76.2	1740	10XΦ10X14	2:1	410	780	80

MINI.3 Φ410 系列

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
 - 额定载重: 800、1000、1150kg
 - 额定梯速: 0.63、1、1.6、1.75、2.0m/s
 - 最大轴负荷: 3000kg
 - 适配变频器: 3相400V级
 - 制动器电压: 打开电压DC200V, 保持电压DC100V, DC110V
 - 电动机极数: 20极
-
- Traction ratio: 2:1
 - Rated capacity: 800、1000、1150kg
 - Rated elevator speed: 0.63、1、1.6、1.75、2.0m/s
 - Max. shaft load: 3000kg
 - Applicable converter: 3 phase 400V
 - Brake voltage: DC200V for Brake opening, and DC100V for brake holding, DC110V
 - Number of motor poles: 20 poles

产品描述 Product Description

本系列无齿曳引机采用独特的外转子结构，使主机受力合理，优异的磁场设计，使主机运行平稳，噪音小温升低。

采用块式制动器，制动力矩大，抱闸声音小。

曳引轮节径有410mm和480mm两种规格，多种编码器安装方式，满足客户的不同需求。

产品有手动松闸和远距离松闸装置，可供小机房和无机房电梯选配。

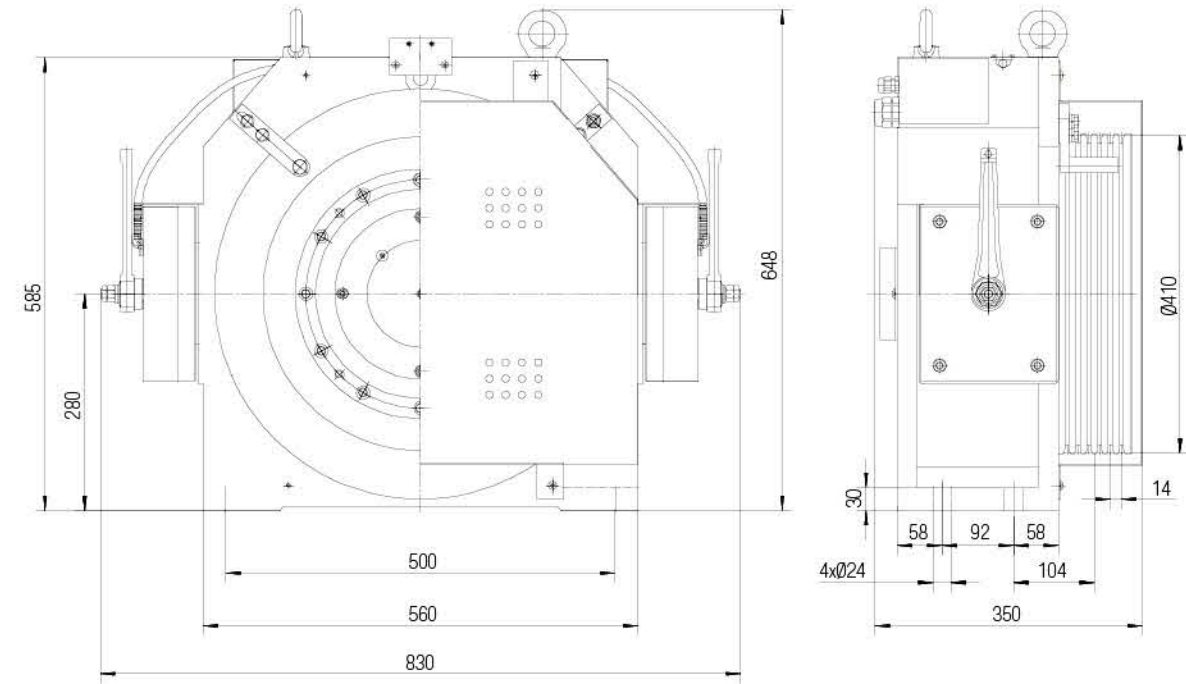
This series of gearless traction machines has unique external rotor construction so that the forces are applied to the machine reasonably. Excellent magnetic field design allows the machine to operate steadily with low noises and temperature rise.

It is provided with block brake, which has high braking torque and low closing noises.

Traction sheave is available in two pitch diameters 410mm and 480mm, and the encoder can be installed in various manners to meet different demands of customers.

The product is provided with manual brake release device and remote brake release device, and can be used in small machine room elevators and non-machine room elevators.

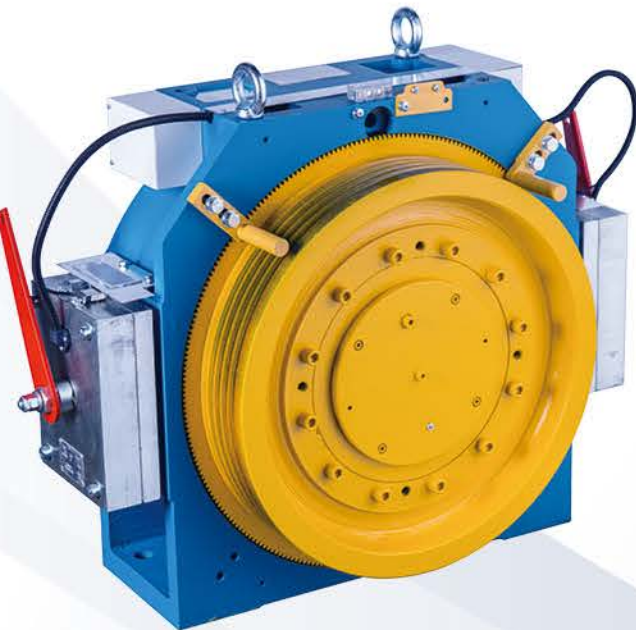
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 weight (kg)	推荐提升高度 Recommended lifting height (m)
Mini	3-6.3-800	0.63	800	3.4	58.8	9.8	8.8	555	5XΦ10	2:1	400	30
Mini	3-10-800	1	800	5.5	93	15.5	13.2	555	5XΦ10	2:1	400	40
Mini	3-16-800	1.6	800	8.7	148.8	24.8	21.5	555	5XΦ10	2:1	400	70
Mini	3-17.5-800	1.75	800	9.5	162.6	27.1	23.7	555	5XΦ10	2:1	400	70
Mini	3-20-800	2	800	10.9	186	31	26	555	5XΦ10	2:1	400	80
Mini	3-6.3-1000	0.63	1000	4.3	58.8	9.8	11.2	700	6XΦ10	2:1	420	30
Mini	3-10-1000	1	1000	6.8	93	15.5	16.8	700	6XΦ10	2:1	420	40
Mini	3-16-1000	1.6	1000	10.9	148.8	24.8	26	700	6XΦ10	2:1	420	70
Mini	3-17.5-1000	1.75	1000	11.9	162.6	27.1	29.2	700	6XΦ10	2:1	420	70
Mini	3-20-1000	2	1000	13.6	186	31	32.5	700	6XΦ10	2:1	420	80
Mini	3-6.3-1150-2	0.63	1150	4.9	58.8	9.8	11.2	800	6XΦ10	2:1	420	30
Mini	3-10-1150-2	1	1150	7.8	93	15.5	16.8	800	6XΦ10	2:1	420	40
Mini	3-16-1150-2	1.6	1150	12.5	148.8	24.8	26	800	6XΦ10	2:1	420	70
Mini	3-17.5-1150-2	1.75	1150	13.7	162.6	27.1	29.2	800	6XΦ10	2:1	420	70
Mini	3-20-1150-2	2	1150	15.6	186	31	32.5	800	6XΦ10	2:1	420	80

MINI.4 Φ480 系列

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
额定载重: 800、1000kg
额定梯速: 0.63、1、1.6、1.75、2.0m/s
最大轴负荷: 3000kg
适配变频器: 3相400V级
制动器电压: 打开电压DC200V, 保持电压DC100V, DC110V
电动机极数: 20极
- Traction ratio: 2:1
Rated capacity: 800、1000kg
Rated elevator speed: 0.63、1、1.6、1.75、2.0m/s
Max. shaft load: 3000kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V for Brake opening,
and DC100V for brake holding, DC110V
Number of motor poles: 20 poles

产品描述 Product Description

本系列无齿曳引机采用独特的外转子结构，使主机受力合理，优异的磁场设计，使主机运行平稳，噪音小温升低。

采用块式制动器，制动力矩大，抱闸声音小。

曳引轮节径有410mm和480mm两种规格，多种编码器安装方式，满足客户的不同需求。

产品有手动松闸和远距离松闸装置，可供小机房和无机房电梯选配。

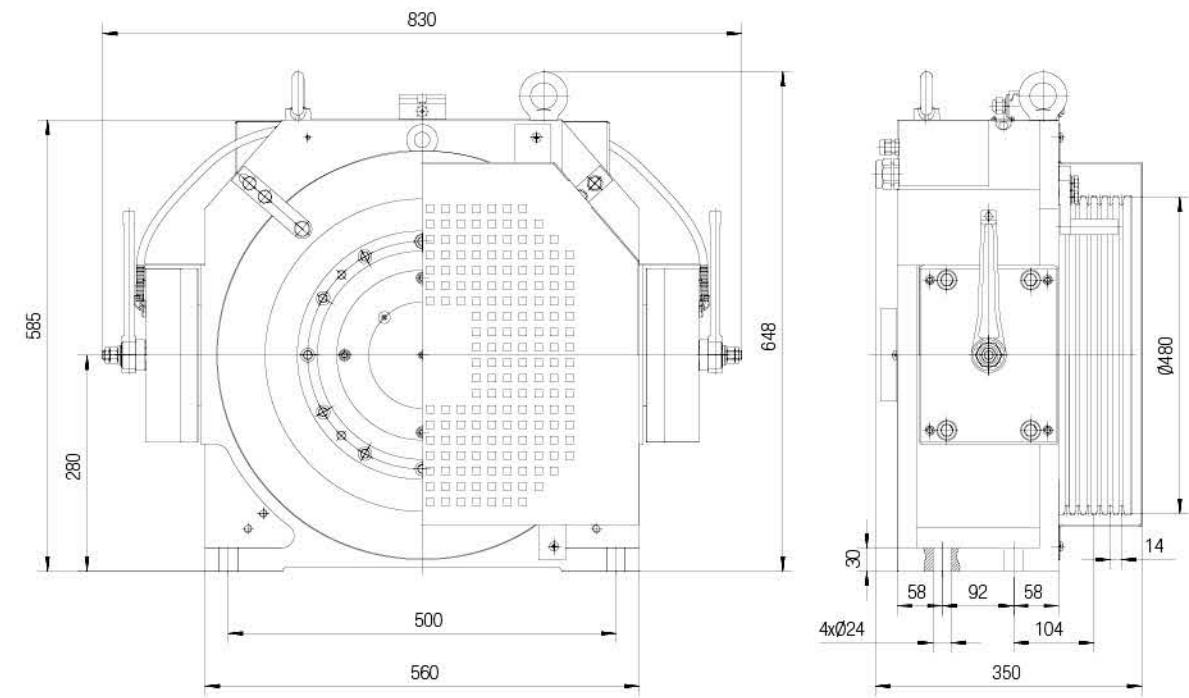
This series of gearless traction machines has unique external rotor construction so that the forces are applied to the machine reasonably. Excellent magnetic field design allows the machine to operate steadily with low noises and temperature rise.

It is provided with block brake, which has high braking torque and low closing noises.

Traction sheave is available in two pitch diameters 410mm and 480mm, and the encoders can be installed in various manners to meet different demands of customers.

The product is provided with manual brake release device and remote brake release device, and can be used in small machine room elevators and non-machine room elevators.

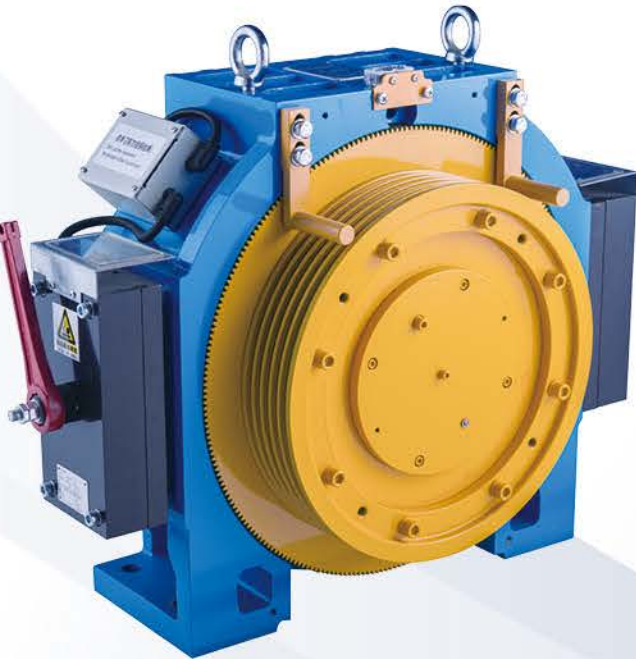
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 weight (kg)	推荐提升高度 Recommended lifting height (m)
Mini	4-6.3-800	0.63	800	3.4	50.4	8.4	8.8	655	4XΦ10	2:1	410	30
Mini	4-10-800	1	800	5.5	79.8	13.3	13.2	655	4XΦ10	2:1	410	40
Mini	4-16-800	1.6	800	8.7	127.2	21.2	21.5	655	4XΦ10	2:1	410	70
Mini	4-17.5-800	1.75	800	9.5	139.2	23.2	23.7	655	4XΦ10	2:1	410	70
Mini	4-20-800	2	800	10.9	159	26.5	26	655	4XΦ10	2:1	410	80
Mini	4-6.3-1000	0.63	1000	4.3	50.4	8.4	11.2	815	5XΦ10	2:1	430	30
Mini	4-10-1000	1	1000	6.8	79.8	13.3	16.8	815	5XΦ10	2:1	430	40
Mini	4-16-1000	1.6	1000	10.9	127.2	21.2	26	815	5XΦ10	2:1	430	70
Mini	4-17.5-1000	1.75	1000	11.9	139.2	23.2	29.2	815	6XΦ10	2:1	430	70
Mini	4-20-1000	2	1000	13.6	159	26.5	32.5	815	6XΦ10	2:1	430	80

MINI.5 Φ 400 系列

无齿曳引机
GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2: 1
 - 额定载重: 800、1000kg
 - 额定速度: 0.63、1、1.6、1.75m/s
 - 最大轴负荷: 3000kg
 - 适配变频器: 3相400V级
 - 制动器电压: DC110V
-
- Traction ratio: 2:1
 - Rated capacity: 800、1000kg
 - Rated elevator speed: 0.63、1、1.6、1.75m/s
 - Max. shaft load: 3000kg
 - Applicable converter: 3 phase 400V
 - Brake voltage: DC110V

产品描述 Product Description

本系列无齿曳引机采用外转子结构，独特的结构设计，使主机受力更合理；优异的磁场设计，使主机运行平稳，噪声小，温升低，是一款性价比高的产品。

采用块式制动器，制动力矩大，抱闸声音小。

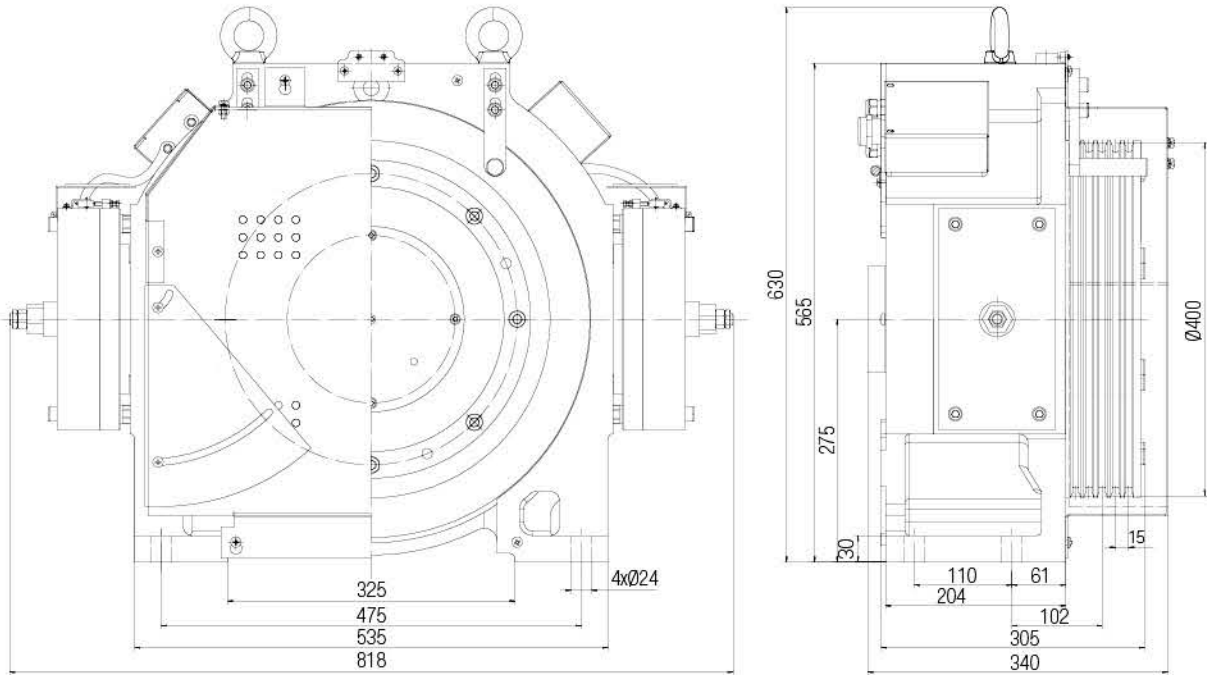
产品有手动松闸和远距离松闸装置，可供小机房和无机房电梯选配。

This series of gearless traction machines has unique external rotor construction so that the forces are applied to the machine reasonably. Excellent magnetic field design allows the machine to operate steadily with low noises and temperature rise.

It is provided with block brake, which has high braking torque and low closing noise. It's high performance-price ratio product.

The product is provided with manual brake release device and remote brake release device, and can be used in small machine room elevators and non-machine room elevators.

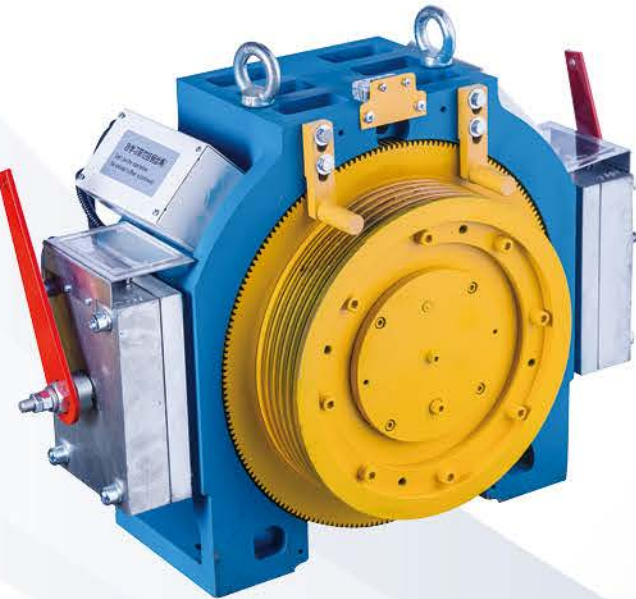
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 weight (kg)	推荐提升高度 Recommended lifting height (m)
Mini	5-6.3-800	0.63	800	3.4	60	10	6.8	545	5×Φ10	2:1	330	30
Mini	5-10-800	1	800	5.5	95.4	15.9	12	545	5×Φ10	2:1	330	40
Mini	5-16-800	1.6	800	8.7	152.4	25.4	19	545	5×Φ10	2:1	330	70
Mini	5-17.5-800	1.75	800	9.5	166.8	27.8	20.7	545	5×Φ10	2:1	330	70
Mini	5-20-800	2.0	800	10.9	190.8	31.8	26	545	5×Φ10	2:1	330	80
Mini	5-6.3-1000	0.63	1000	4.3	60	10	9.2	680	5×Φ10	2:1	350	30
Mini	5-10-1000	1	1000	6.8	95.4	15.9	14.8	680	5×Φ10	2:1	350	40
Mini	5-16-1000	1.6	1000	10.9	152.4	25.4	23.3	680	5×Φ10	2:1	350	70
Mini	5-17.5-1000	1.75	1000	11.9	166.8	27.8	26.6	680	5×Φ10	2:1	350	70
Mini	5-20-1000	2.0	1000	13.6	190.8	31.8	30	680	5×Φ10	2:1	350	80

MINI.6 Φ 325 系列

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

曳引比: 2:1
额定载重: 400~480、630、800kg
额定梯速: 0.63、1、1.6、1.75m/s
最大提升高度: 60m
最大轴负荷: 2200kg
适配变频器: 3相400V级
制动器电压: DC110V
电动机极数: 20极

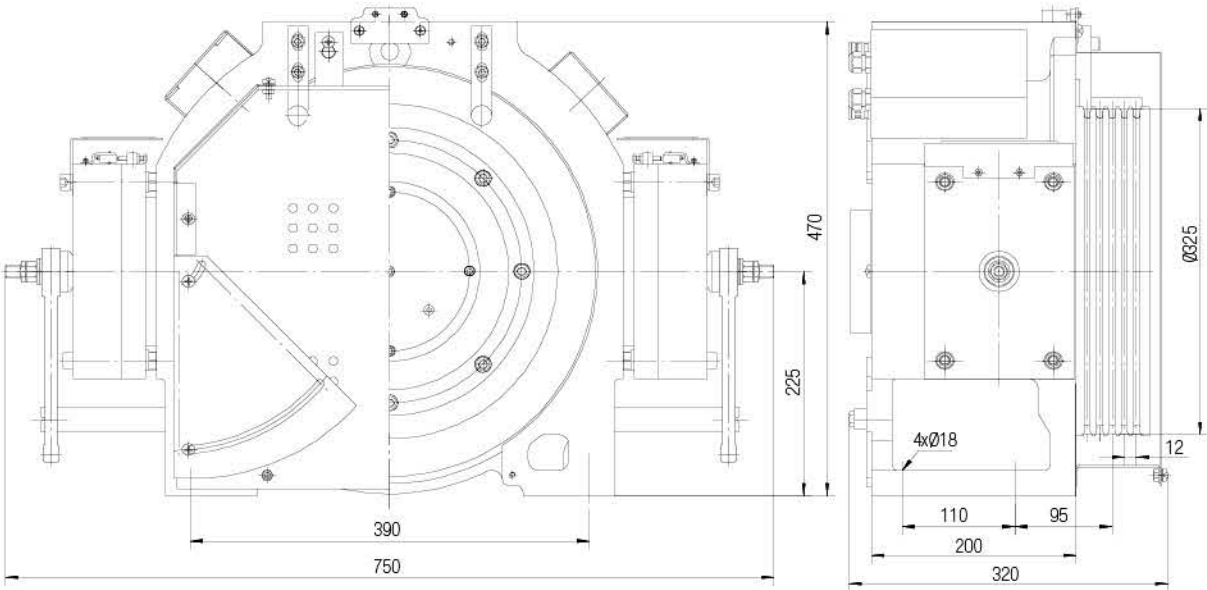
Traction ratio: 2:1
Rated capacity: 400~480、630、800kg
Rated elevator speed: 0.63、1、1.6、1.75m/s
Max. lifting height: 60m
Max. shaft load: 2200kg
Applicable converter: 3 phase 400V
Brake voltage: DC110V
Number of motor poles: 20 poles

产品描述 Product Description

体积小、重量轻，上置、下置安装均可，也可置于墙体内部，机房和无机房均适用，并带有松闸和盘车装置。
Mini系列无齿曳引机是有机房、无机房均适用的产品，该产品振动小、噪音低，与各种变频器匹配性能好。
也可用于家用和别墅电梯。

Light and small, the traction machine can be mounted on the top, at the bottom or in the wall, can be used in machine-room and machine-roomless applications, and is provided with brake release and handwinding devices.
Mini series gearless traction machines are applicable to both machine room and machine-roomless applications. This type of traction machine has low vibration and low noise level, and can match well with various frequency converters.
This type of traction machine can be used in home elevators and villa elevators.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 weight (kg)	推荐提升高度 Recommended lifting height (m)
Mini	6-6.3-320	0.63	320	1.3	73.8	12.3	3.8	170	3X Φ 8	2:1	220	30
Mini	6-10-320	1	320	2.1	117	19.5	5.6	170	3X Φ 8	2:1	220	40
Mini	6-16-320	1.6	320	3.3	187.8	31.3	6.5	170	3X Φ 8	2:1	220	60
Mini	6-6.3-400	0.63	400	1.6	73.8	12.3	4.6	211	3X Φ 8	2:1	220	30
Mini	6-10-400	1	400	2.6	117	19.5	6.4	211	3X Φ 8	2:1	220	40
Mini	6-16-400	1.6	400	4.1	187.8	31.3	10	211	3X Φ 8	2:1	220	60
Mini	6-6.3-500	0.63	500	2	73.8	12.3	4.8	260	4X Φ 8	2:1	235	30
Mini	6-10-500	1	500	3.2	117	19.5	6.8	260	4X Φ 8	2:1	235	40
Mini	6-16-500	1.6	500	5.2	187.8	31.3	11.2	260	4X Φ 8	2:1	235	60
Mini	6-6.3-630	0.63	630	2.6	73.8	12.3	6.3	333	4X Φ 8	2:1	235	30
Mini	6-10-630	1	630	4.1	117	19.5	9.4	333	4X Φ 8	2:1	235	40
Mini	6-16-630	1.6	630	6.5	187.8	31.3	14.8	333	4X Φ 8	2:1	235	60
Mini	6-17.5-630	1.75	630	7.2	205.2	34.2	15.8	333	5X Φ 8	2:1	235	60
Mini	6-6.3-800	0.63	800	3.2	73.8	12.3	6.8	422	5X Φ 8	2:1	245	30
Mini	6-10-800	1	800	5.2	117	19.5	12	422	5X Φ 8	2:1	245	40
Mini	6-16-800	1.6	800	8.3	187.8	31.3	19	422	5X Φ 8	2:1	245	50
Mini	6-17.5-800	1.75	800	9.1	205.2	34.2	20.7	422	5X Φ 8	2:1	245	50

WYJ250 DOUBLE WRAP

(F 复绕) 无齿曳引机
GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

曳引比: 2:1
额定载重: 630、800、1000、1250kg
额定梯速: 1、1.6、1.75、2、2.5、3.0m/s
最大提升高度: 120m
最大轴负荷: 6500kg
适配变频器: 3相400V级
制动器电压: 打开电压DC200V, 保持电压DC100V
电动机极数: 24极

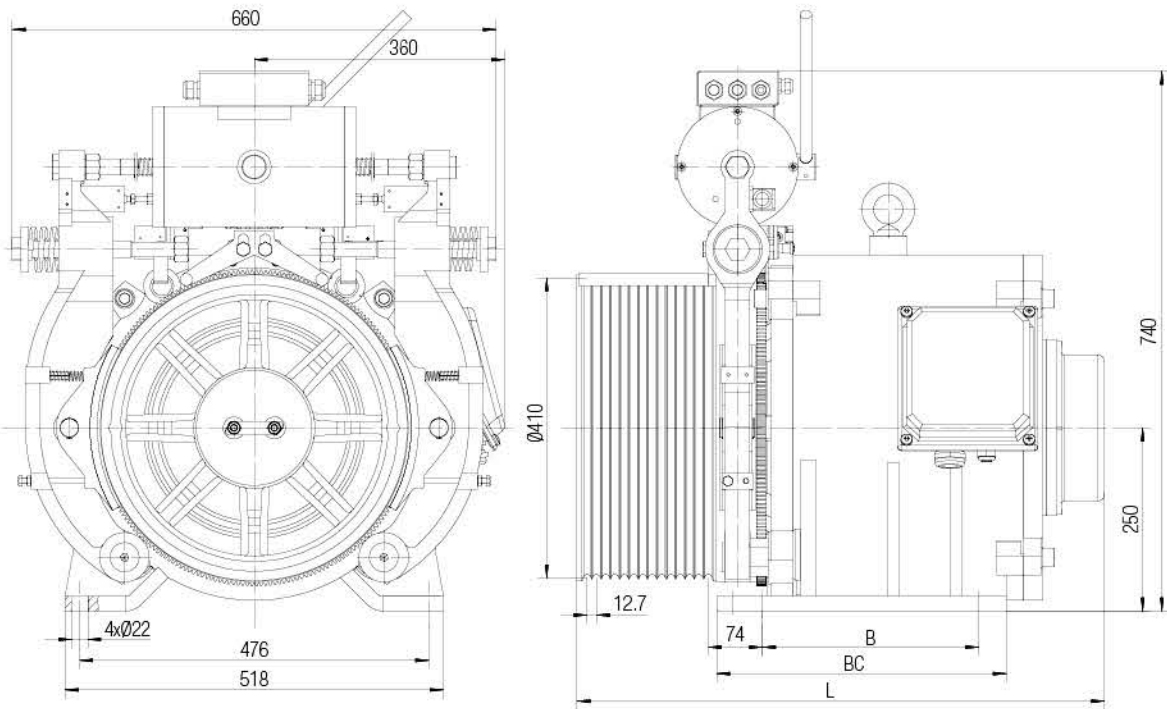
Traction ratio: 2:1
Rated capacity: 630、800、1000、1250kg
Rated elevator speed: 1、1.6、1.75、2、2.5、3.0m/s
Max. lifting height: 120m
Max. shaft load: 6500kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V for Brake opening,
and DC100V for brake holding
Number of motor poles: 24 poles

产品描述 Product Description

WYJ250系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。
本系列永磁同步无齿曳引机有单绕和复绕二种型式，绕比全部为2：1。

WYJ250 series of permanent-magnet synchronous gearless traction machines are directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and has the advantages of low energy consumption, low noises, no pollution, and little maintenance. This series of permanent-magnet synchronous gearless traction machines includes single wrap type and double wrap type, and roping factor is 2:1 for both types.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	BC	L	B	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WYJ250	F3-10-630	1	630	4.3	93	18.6	9.9	432	3xØ10	2:1	320	562	219	410	45
WYJ250	F3-16-630	1.6	630	6.8	149	29.8	16	433	3xØ10	2:1	320	562	219	410	70
WYJ250	F3-17.5-630	1.75	630	7.5	163	32.6	18.2	434	3xØ10	2:1	320	562	219	410	80
WYJ250	F5-10-800	1	800	5.5	93	18.6	12.3	553	4/5xØ10	2:1	340	634	239	440	45
WYJ250	F5-16-800	1.6	800	8.8	149	29.8	20.4	560	4/5xØ10	2:1	340	634	239	440	70
WYJ250	F5-17.5-800	1.75	800	9.6	163	32.6	22.4	556	5xØ10	2:1	340	634	239	440	80
WYJ250	F5-20-800	2	800	11	186	37.3	25.7	553	5xØ10	2:1	340	634	239	440	80
WYJ250	F5-25-800	2.5	800	13.8	233	46.6	31	555	5xØ10	2:1	340	634	239	440	120
WYJ250	F5-10-1000	1	1000	7	93	18.6	16	704	4/5xØ10	2:1	365	659	264	475	45
WYJ250	F5-16-1000	1.6	1000	11	149	29.8	25.2	700	4/5xØ10	2:1	365	659	264	475	70
WYJ250	F5-17.5-1000	1.75	1000	12.2	163	32.6	28.2	706	5xØ10	2:1	365	659	264	475	80
WYJ250	F7-17.5-1000	1.75	1000	12.2	163	32.6	28.2	706	6/7xØ10	2:1	365	710	264	485	80
WYJ250	F5-20-1000	2	1000	14	186	37.3	32.5	704	5xØ10	2:1	365	659	264	475	80
WYJ250	F7-20-1000	2	1000	14	186	37.3	32.5	704	6/7xØ10	2:1	365	710	264	485	80
WYJ250	F5-25-1000	2.5	1000	17.4	233	46.6	40.5	707	5xØ10	2:1	365	659	264	475	120
WYJ250	F7-25-1000	2.5	1000	17.4	233	46.6	40.5	707	6/7xØ10	2:1	365	710	264	485	120
WYJ250	F7-30-1000	3	1000	20.8	280	55.9	48.5	709	7xØ10	2:1	365	710	264	485	120
WYJ250	F5-10-1250	1	1250	8.8	93	18.6	20.1	885	5xØ10	2:1	395	689	294	500	45
WYJ250	F7-16-1250	1.6	1250	13.9	149	29.8	32.8	885	6/7xØ10	2:1	395	740	294	510	70
WYJ250	F7-17.5-1250	1.75	1250	15.3	163	32.6	35.5	885	6/7 xØ10	2:1	395	740	294	510	80
WYJ250	F7-20-1250	2	1250	17.6	186	37.3	40.8	885	6/7 xØ10	2:1	395	740	294	510	80
WYJ250	F7-25-1250	2.5	1250	21.8	233	46.6	50.8	886	6/7xØ10	2:1	395	740	294	510	80
WYJ250	F7-30-1250	3	1250	26	280	55.9	61	887	7xØ10	2:1	395	740	294	510	80

WYJ340

无齿曳引机

GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

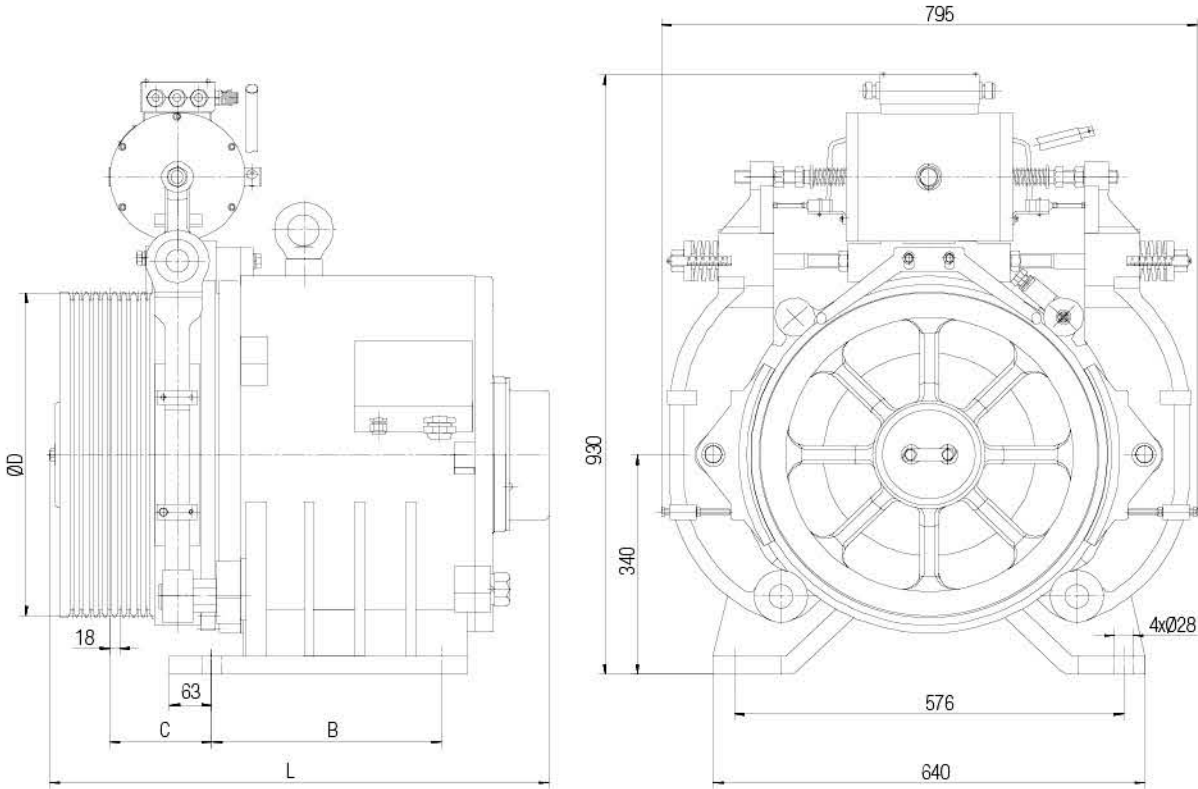
- 曳引比: 2:1
 - 额定载重: 1250~2000kg
 - 额定梯速: 1~3m/s
 - 最大提升高度: 120m
 - 最大轴负荷: 6000kg
 - 适配变频器: 3相400V级
 - 制动器电压: 打开DC200V, 保持DC100V
- Traction ratio: 2:1
Rated capacity: 1250~2000kg
Rated elevator speed: 1~3m/s
Max. lifting height: 120m
Max. shaft load: 6000kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V for Brake opening,
and DC100V for brake holding

产品描述 Product Description

本系列无齿曳引机为中高速大载重，单绕方式，曳引轮为悬臂式安装，独特的设计方便用户安装与拆卸曳引轮。制动器采用鼓式结构，制动力矩大，可靠性高，维护和调试方便。

This series is a medium and high speed gearless traction machine with large capacity. It is single wrap, and the traction sheave is cantilever-mounted, unique design allows easy installation and removal traction sheave. The brake adopts drum type structure, and the braking torque is large, reliability is high, the maintenance and adjustment are convenient.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	B	L	C	D	轴负荷 Shaft Load	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WYJ340	10-1250-2	1.0	1250	8.5	76.2	12.7	21.2	1062	6xØ12	2:1	300	700	151	500	6000	780	45
WYJ340	16-1250-2	1.6	1250	13.6	122.4	20.4	31.2	1062	6xØ12	2:1	300	700	151	500	6000	780	70
WYJ340	17.5-1250-2	1.75	1250	14.8	133.8	22.3	33.7	1062	6xØ12	2:1	300	700	151	500	6000	780	80
WYJ340	20-1250-2	2.0	1250	17	153	25.5	38	1062	6xØ12	2:1	300	700	151	500	6000	800	90
WYJ340	25-1250-2	2.5	1250	21.3	190.8	31.8	46.5	1062	6xØ12	2:1	300	700	151	500	6000	800	120
WYJ340	30-1250-2	3.0	1250	25.5	229.2	38.2	55.6	1062	6xØ12	2:1	300	700	151	500	6000	800	120
WYJ340	10-1350-2	1.0	1350	9.2	76.2	12.7	23	1148	7xØ12	2:1	340	740	151	500	6000	820	45
WYJ340	16-1350-2	1.6	1350	14.7	122.4	20.4	33.8	1148	7xØ12	2:1	340	740	151	500	6000	820	70
WYJ340	17.5-1350-2	1.75	1350	16	133.8	22.3	36.5	1148	7xØ12	2:1	340	740	151	500	6000	780	80
WYJ340	20-1350-2	2.0	1350	18.4	153	25.5	40.5	1148	7xØ12	2:1	340	740	151	500	6000	780	90
WYJ340	25-1350-2	2.5	1350	23	190.8	31.8	50.6	1148	7xØ12	2:1	340	740	151	500	6000	800	120
WYJ340	30-1350-2	3.0	1350	27.5	229.2	38.2	63.6	1148	7xØ12	2:1	340	740	151	500	6000	800	120
WYJ340	10-1600-2	1.0	1600	10.9	76.2	12.7	27.2	1360	7xØ12	2:1	340	740	151	500	6000	800	45
WYJ340	16-1600-2	1.6	1600	17.4	122.4	20.4	40	1360	7xØ12	2:1	340	740	151	500	6000	820	70
WYJ340	17.5-1600-2	1.75	1600	19	133.8	22.3	43.2	1360	7xØ12	2:1	340	740	151	500	6000	820	80
WYJ340	20-1600-2	2.0	1600	21.8	153	25.5	48	1360	7xØ12	2:1	340	740	151	500	6000	780	90
WYJ340	25-1600-2	2.5	1600	27.2	190.8	31.8	60	1360	7xØ12	2:1	340	740	151	500	6000	780	120
WYJ340	30-1600-2	3.0	1600	32.6	229.2	38.2	72	1360	7xØ12	2:1	340	740	151	500	6000	800	120
WYJ340	10-2000-2	1.0	2000	13.6	75	12.5	34	1700	8xØ12	2:1	390	810	161	508	8000	800	45
WYJ340	16-2000-2	1.6	2000	21.7	120.5	20.1	50	1700	8xØ12	2:1	390	810	161	508	8000	800	70
WYJ340	17.5-2000-2	1.75	2000	23.7	131.7	21.95	54	1700	8xØ12	2:1	390	810	161	508	8000	820	80
WYJ340	20-2000-2	2.0	2000	27.2	150.6	25.1	60	1700	8xØ12	2:1	390	810	161	508	8000	820	90
WYJ340	25-2000-2	2.5	2000	34	187.8	31.3	75	1700	8xØ12	2:1	390	810	161	508	8000	820	120
WYJ340	30-2000-2	3.0	2000	40.8	225.9	37.6	90	1700	8xØ12	2:1	390	810	161	508	8000	820	120

WWTY.1

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

曳引比: 2:1
额定载重: 400、630、1600kg
额定梯速: 0.63、1、1.6、1.75m/s
最大轴负荷: 5000kg
适配变频器: 3相400V级
制动器电压: 打开电压DC200V, 保持电压DC100V
电动机极数: 32极

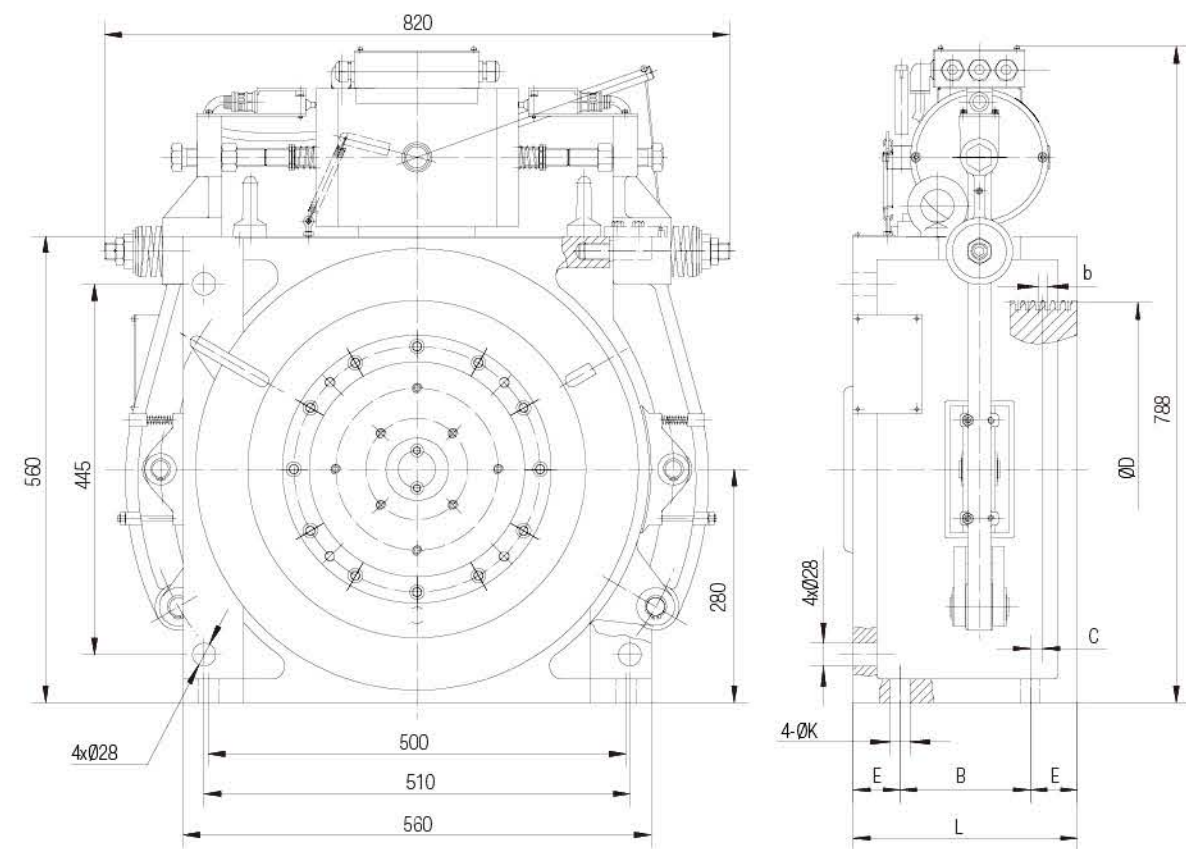
Traction ratio: 2:1
Rated capacity: 400、630、1600kg
Rated elevator speed: 0.63、1、1.6、1.75m/s
Max. shaft load: 5000kg
Applicable converter: 3 phase 400V
Brake voltage: DC200V for Brake opening,
and DC100V for brake holding
Number of motor poles: 32 poles

产品描述 Product Description

本系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。
由于它采用扁平的框架结构，提供三个安装面。可安装在底层或中间任意位置，也可安装井道顶部。
曳引方式可布置为上拉，也可布置为下拉，并具有远距离手动松闸功能。曳引机包角只能为180°。

This series of permanent-magnet synchronous gearless traction machines is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and has the advantages of low energy consumption, low noises, no pollution, and little maintenance.
By using flat frame structure with three mounting surfaces, this series of traction machines can be installed on bottom floor or any middle positions or on the top of shaft way.
These traction machines can be arranged for providing upward traction or downward traction, and have remote manual brake release function. Wrap angle of the traction machine can be only 180°.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳径 Rope	曳引比 Suspension	L	B	C	E	K	D	b	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WWTY	1-6.3-400	0.63	400	1.8	60	16	4.8	271	3×Ø8	2:1	200	88	33	56	24	400	12	340	25
WWTY	1-10-400	1	400	2.7	96	25.6	7.2	278	3×Ø8	2:1	200	88	33	56	24	400	12	340	40
WWTY	1-16-400	1.6	400	4.5	153	40.8	11.2	281	3×Ø8	2:1	200	88	33	56	24	400	12	340	60
WWTY	1-6.3-630	0.63	630	2.8	60	16	7.2	438	4×Ø8	2:1	228	116	27	56	24	400	12	370	25
WWTY	1-10-630	1	630	4.4	96	25.6	11	438	4×Ø8	2:1	228	116	27	56	24	400	12	370	40
WWTY	1-16-630	1.6	630	7	153	40.8	16.8	438	4×Ø8	2:1	228	116	27	56	24	400	12	370	60
WWTY	1-17.5-630	1.75	630	7.7	167	44.6	18.2	438	4×Ø8	2:1	228	116	27	56	24	400	12	370	60
WWTY	1-6.3-1600	0.63	1600	6.9	59	15.7	16.6	1120	7×Ø10	2:1	350	222	8	64	28	410	14	490	25
WWTY	1-10-1600	1	1600	10.9	93	24.8	26.8	1120	7×Ø10	2:1	350	222	8	64	28	410	14	490	40
WWTY	1-16-1600	1.6	1600	17.4	149	39.7	39.5	1120	7×Ø10	2:1	350	222	8	64	28	410	14	490	70
WWTY	1-17.5-1600	1.75	1600	19	163	43.5	43.7	1120	7×Ø10	2:1	350	222	8	64	28	410	14	490	80

WWTY.5

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
- 额定载重: 630、800、1000、1150kg
- 额定梯速: 0.63、1、1.6、1.75m/s
- 最大轴负荷: 3000kg
- 适配变频器: 3相400V级
- 制动器电压: 打开电压DC200V, 保持电压DC100V
- Traction ratio: 2:1
- Rated capacity: 630、800、1000、1150kg
- Rated elevator speed: 0.63、1、1.6、1.75m/s
- Max. shaft load: 3000kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC200v for brake opening,
And DC100v for brake opening

产品描述 Product Description

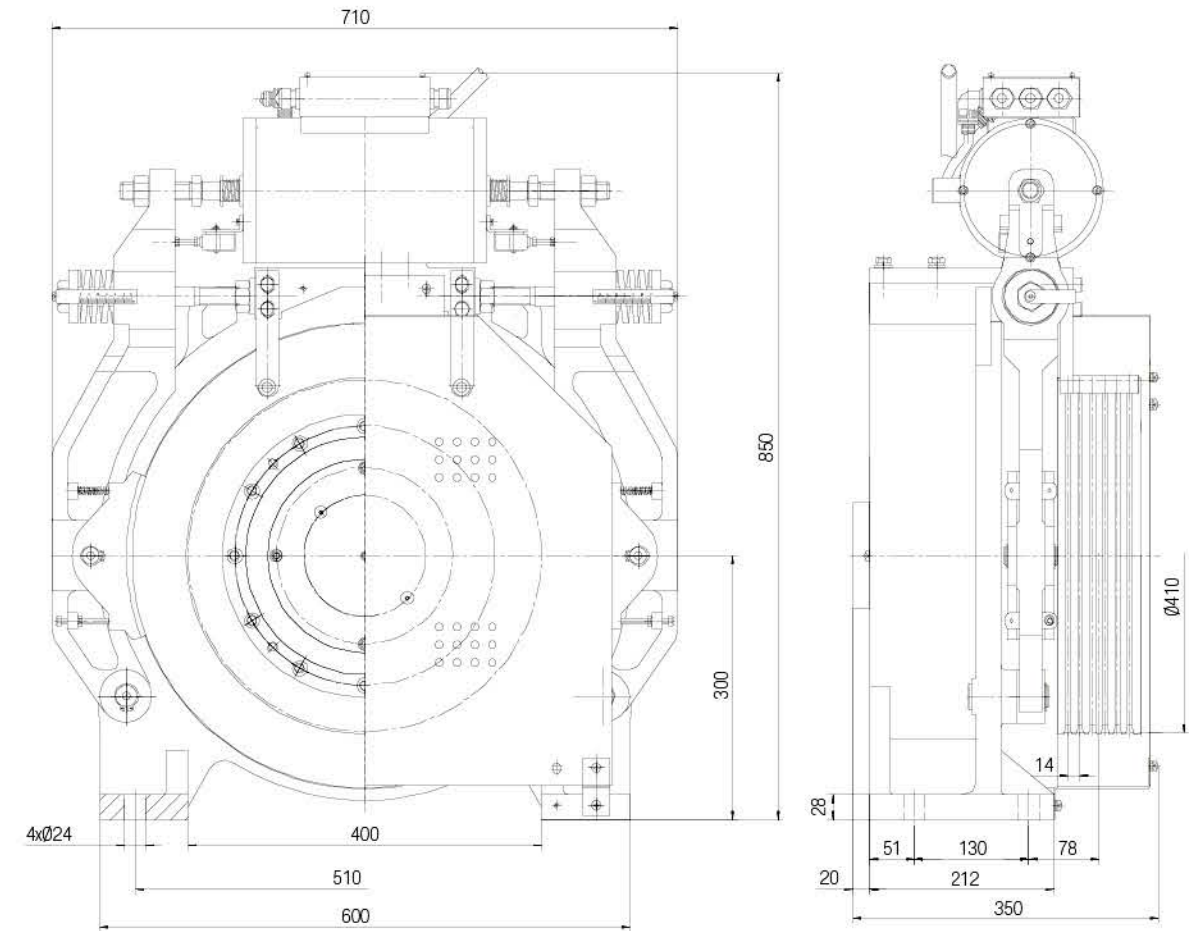
本系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。

曳引方式可布置为上拉，也可布置为下拉，并具有手动松闸功能。

本系列永磁同步无齿曳引机采用单绕型式，绕比全部为2：1。

This series of permanent-magnet synchronous gearless traction machines is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and thus has the advantages of low energy consumption, low noises, no pollution, and little maintenance. These traction machines can be arranged for providing upward traction or downward traction, and have manual brake release function. Fitted with the encoder pre installed, remote manual brake release function.

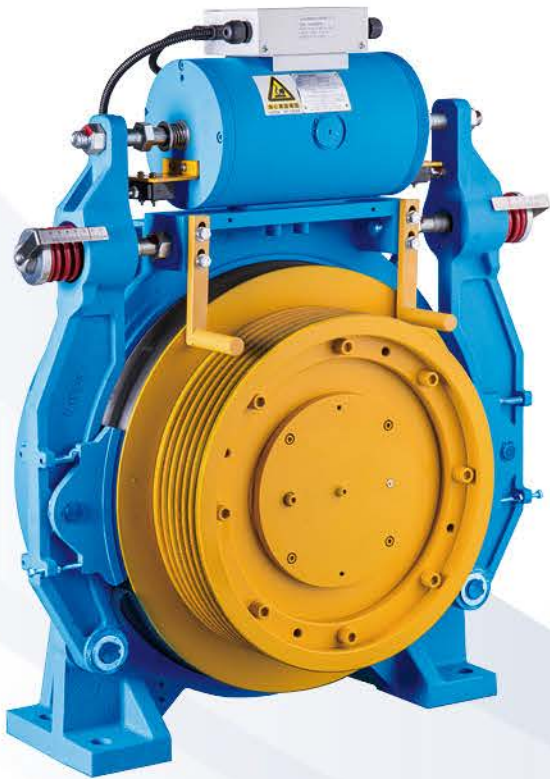
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WWTY	5-6.3-630-2	0.63	630	2.7	58.8	9.8	6.9	440	5×Ø10	2:1	380	30
WWTY	5-10-630-2	1	630	4.3	93	15.5	10.4	440	5×Ø10	2:1	380	40
WWTY	5-16-630-2	1.6	630	6.8	148.8	24.8	16.9	440	5×Ø10	2:1	380	70
WWTY	5-17.5-630-2	1.75	630	7.5	162.8	27.1	18.7	440	5×Ø10	2:1	380	70
WWTY	5-6.3-800-2	0.63	800	3.4	58.8	9.8	8.8	555	5×Ø10	2:1	400	30
WWTY	5-10-800-2	1	800	5.5	93	15.5	13.2	555	5×Ø10	2:1	400	40
WWTY	5-16-800-2	1.6	800	8.7	148.8	24.8	21.5	555	5×Ø10	2:1	400	70
WWTY	5-17.5-800-2	1.75	800	9.5	162.6	27.1	23.7	555	5×Ø10	2:1	400	70
WWTY	5-20-800-2	2	800	10.9	186	31	26	555	5×Ø10	2:1	400	80
WWTY	5-6.3-1000-2	0.63	1000	4.3	58.8	9.8	11.2	700	6×Ø10	2:1	420	30
WWTY	5-10-1000-2	1	1000	6.8	93	15.5	16.8	700	6×Ø10	2:1	420	40
WWTY	5-16-1000-2	1.6	1000	10.9	148.8	24.8	26	700	6×Ø10	2:1	420	70
WWTY	5-17.5-1000-2	1.75	1000	11.9	162.6	27.1	29.2	700	6×Ø10	2:1	420	70
WWTY	5-20-1000-2	2	1000	13.6	186	31	32.5	700	6×Ø10	2:1	420	80
WWTY	5-6.3-1150-2	0.63	1150	4.9	58.8	9.8	11.2	800	6×Ø10	2:1	420	30
WWTY	5-10-1150-2	1	1150	7.8	93	15.5	16.8	800	6×Ø10	2:1	420	40
WWTY	5-16-1150-2	1.6	1150	12.5	148.8	24.8	26	800	6×Ø10	2:1	420	70
WWTY	5-17.5-1150-2	1.75	1150	13.7	162.6	27.1	29.2	800	6×Ø10	2:1	420	70
WWTY	5-20-1150-2	2	1150	15.6	186	31	32.5	800	6×Ø10	2:1	420	80

WWTY.5A

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
- 额定载重: 800、1000kg
- 额定梯速: 0.63、1、1.6、1.75、2.0m/s
- 最大轴负荷: 3000kg
- 适配变频器: 3相400V级
- 制动器电压: 打开电压DC200V, 保持电压DC100V
- Traction ratio: 2:1
- Rated capacity: 800、1000kg
- Rated elevator speed: 0.63、1、1.6、1.75、2.0m/s
- Max. shaft load: 3000kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC200V for Brake opening, and DC100V for brake holding

产品描述 Product Description

本系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。

曳引方式可布置为上拉，也可布置为下拉，并具有手动松闸功能；可选配编码器前置安装方式，远距离松闸功能。

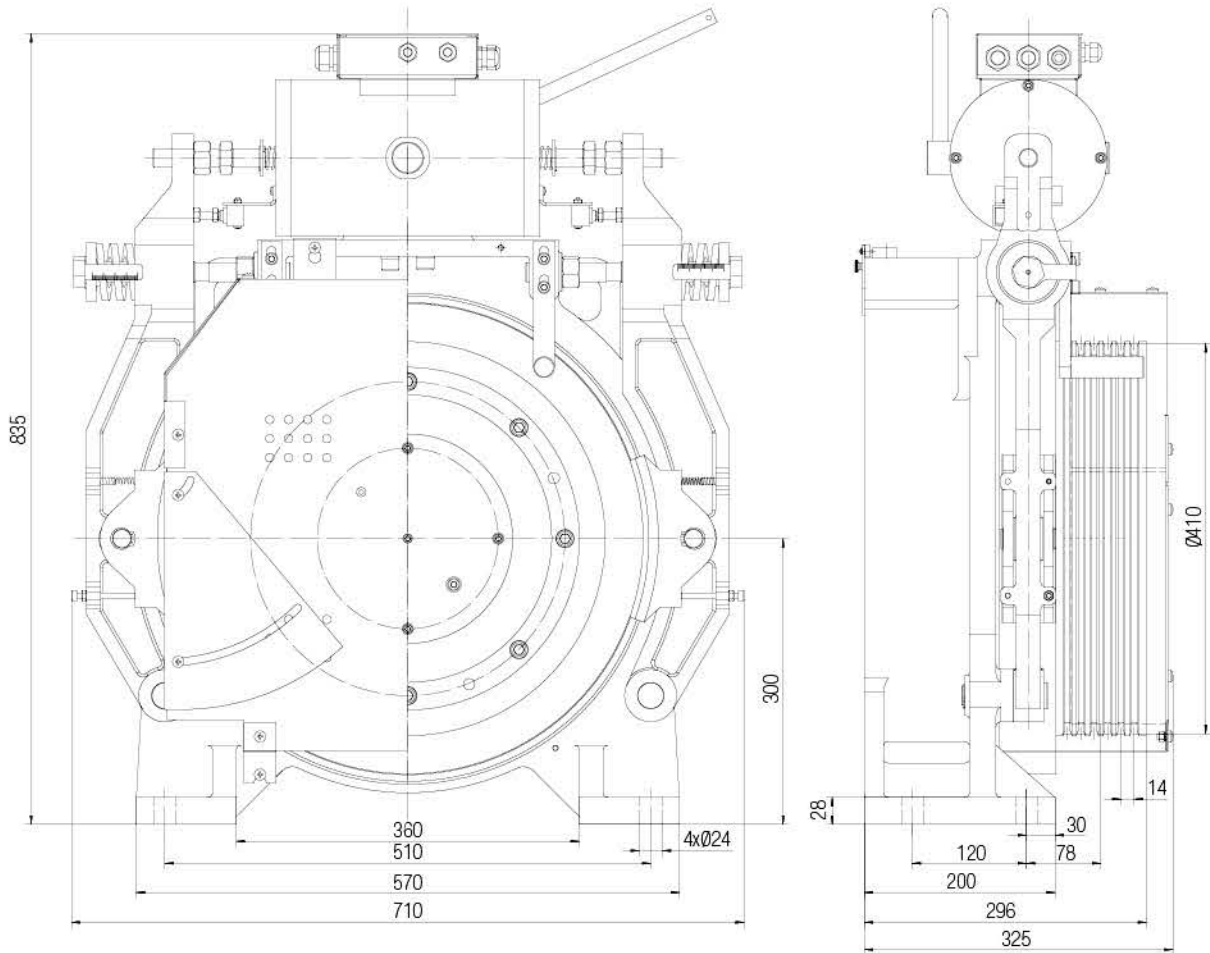
本系列永磁同步无齿曳引机采用单绕型式，绕比全部为2：1。

This series of permanent-magnet synchronous gearless traction machines is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and thus has the advantages of low energy consumption, low noises, no pollution, and little maintenance.

These traction machines can be arranged for providing upward traction or downward traction, and have manual brake release function; Can be fitted with the encoder pre installed, remote mannual brake release function.

This series of permanent-magnet synchronous gearless traction machines adapts single wrap, and roping factor is 2:1.

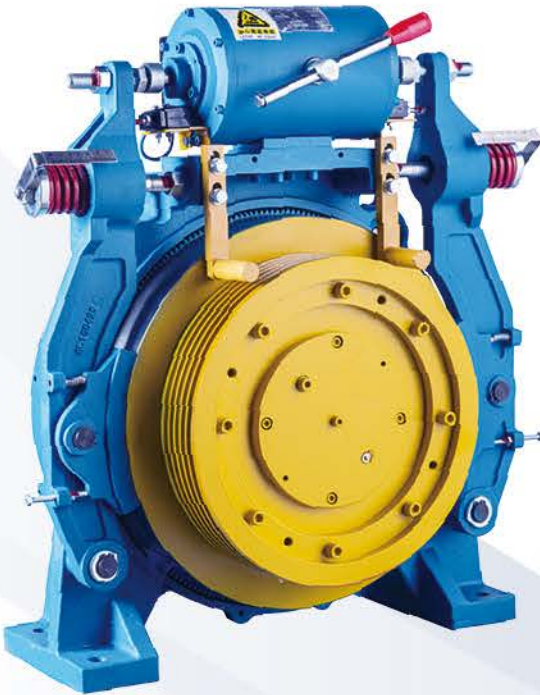
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WWTY	5A-6.3-800-2	0.63	800	3.4	58.8	9.8	8.8	555	5×Φ10	2:1	325	30
WWTY	5A-10-800-2	1	800	5.5	93	15.5	13.2	555	5×Φ10	2:1	325	40
WWTY	5A-16-800-2	1.6	800	8.7	148.8	24.8	21.5	555	5×Φ10	2:1	325	70
WWTY	5A-17.5-800-2	1.75	800	9.5	162.6	27.1	23.7	555	5×Φ10	2:1	325	70
WWTY	5A-20-800-2	2.0	800	10.9	186	31	26	555	5×Φ10	2:1	325	80
WWTY	5A-6.3-1000-2	0.63	1000	4.3	58.8	9.8	11.2	700	6×Φ10	2:1	355	30
WWTY	5A-10-1000-2	1	1000	6.8	93	15.5	16.8	700	6×Φ10	2:1	355	40
WWTY	5A-16-1000-2	1.6	1000	10.9	148.8	24.8	26	700	6×Φ10	2:1	355	70
WWTY	5A-17.5-1000-2	1.75	1000	11.9	162.6	27.1	29.2	700	6×Φ10	2:1	355	70
WWTY	5A-20-1000-2	2.0	1000	13.6	186	31	32.5	700	6×Φ10	2:1	355	80

WWTY.6

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
- 额定载重: 320、400、500、630、800kg
- 额定梯速: 0.63、1、1.6、1.75m/s
- 最大轴负荷: 2200kg
- 适配变频器: 3相400V级
- 制动器电压: DC110V

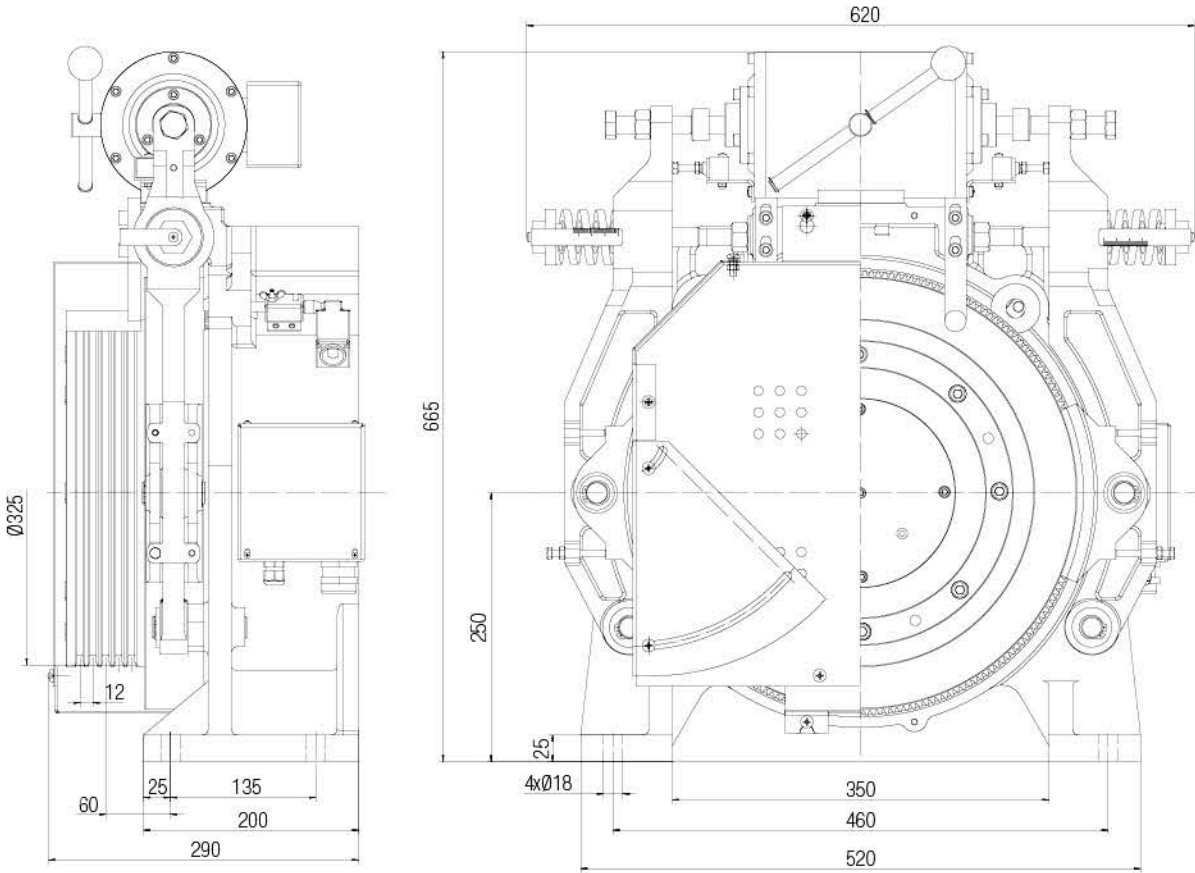
- Traction ratio: 2:1
- Rated capacity: 320、400、500、630、800kg
- Rated elevator speed: 0.63、1、1.6、1.75m/s
- Max. shaft load: 2200kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC110V

产品描述 Product Description

本系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。
曳引方式可布置为上拉，并具有手动松闸功能。
本系列永磁同步无齿曳引机采用单绕型式，绕比全部为2：1。

This series of permanent-magnet synchronous gearless traction machines is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and thus has the advantages of low energy consumption, low noises, no pollution, and little maintenance. These traction machines can be arranged for providing upward traction, and have manual brake release function.
This series of permanent-magnet synchronous gearless traction machines adapts single wrap, and roping factor is 2:1.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WWTY	6-6.3-320	0.63	320	1.3	73.8	12.3	3.8	170	3×Φ8	2:1	220	30
WWTY	6-10-320	1	320	2.1	117	19.5	5.6	170	3×Φ8	2:1	220	40
WWTY	6-16-320	1.6	320	3.3	187.8	31.3	6.5	170	3×Φ8	2:1	220	60
WWTY	6-6.3-400	0.63	400	1.6	73.8	12.3	4.6	211	3×Φ8	2:1	220	30
WWTY	6-10-400	1	400	2.6	117	19.5	6.4	211	3×Φ8	2:1	220	40
WWTY	6-16-400	1.6	400	4.1	187.8	31.3	10	211	3×Φ8	2:1	220	60
WWTY	6-6.3-500	0.63	500	2	73.8	12.3	4.8	260	4×Φ8	2:1	235	30
WWTY	6-10-500	1	500	3.2	117	19.5	6.8	260	4×Φ8	2:1	235	40
WWTY	6-16-500	1.6	500	5.2	187.8	31.3	11.2	260	4×Φ8	2:1	235	60
WWTY	6-6.3-630	0.63	630	2.6	73.8	12.3	6.3	333	4×Φ8	2:1	235	30
WWTY	6-10-630	1	630	4.1	117	19.5	9.4	333	4×Φ8	2:1	235	40
WWTY	6-16-630	1.6	630	6.5	187.8	31.3	14.8	333	4×Φ8	2:1	235	60
WWTY	6-17.5-630	1.75	630	7.2	205.2	34.2	15.8	333	5×Φ8	2:1	235	60
WWTY	6-6.3-800	0.63	800	3.2	73.8	12.3	6.8	422	5×Φ8	2:1	235	30
WWTY	6-10-800	1	800	5.2	117	19.5	12	422	5×Φ8	2:1	235	40
WWTY	6-16-800	1.6	800	8.3	187.8	31.3	19	422	5×Φ8	2:1	235	50
WWTY	6-17.5-800	1.75	800	9.1	205.2	34.2	20.7	422	5×Φ8	2:1	235	50

WWTY.8 (1000kg)

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
 - 额定载重: 800、1000kg
 - 额定梯速: 0.63、1、1.6、1.75、2.0m/s
 - 最大轴负荷: 3000kg
 - 适配变频器: 3相400V级
 - 制动器电压: 打开电压DC200V, 保持电压DC100V
 - 电动机极数: 32极
-
- Traction ratio: 2:1
 - Rated capacity: 800、1000kg
 - Rated elevator speed: 0.63、1、1.6、1.75、2.0m/s
 - Max. shaft load: 3000kg
 - Applicable converter: 3 phase 400V
 - Brake voltage: DC200V for Brake opening, and DC100V for brake holding
 - Number of motor poles: 32 poles

产品描述 Product Description

本系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。

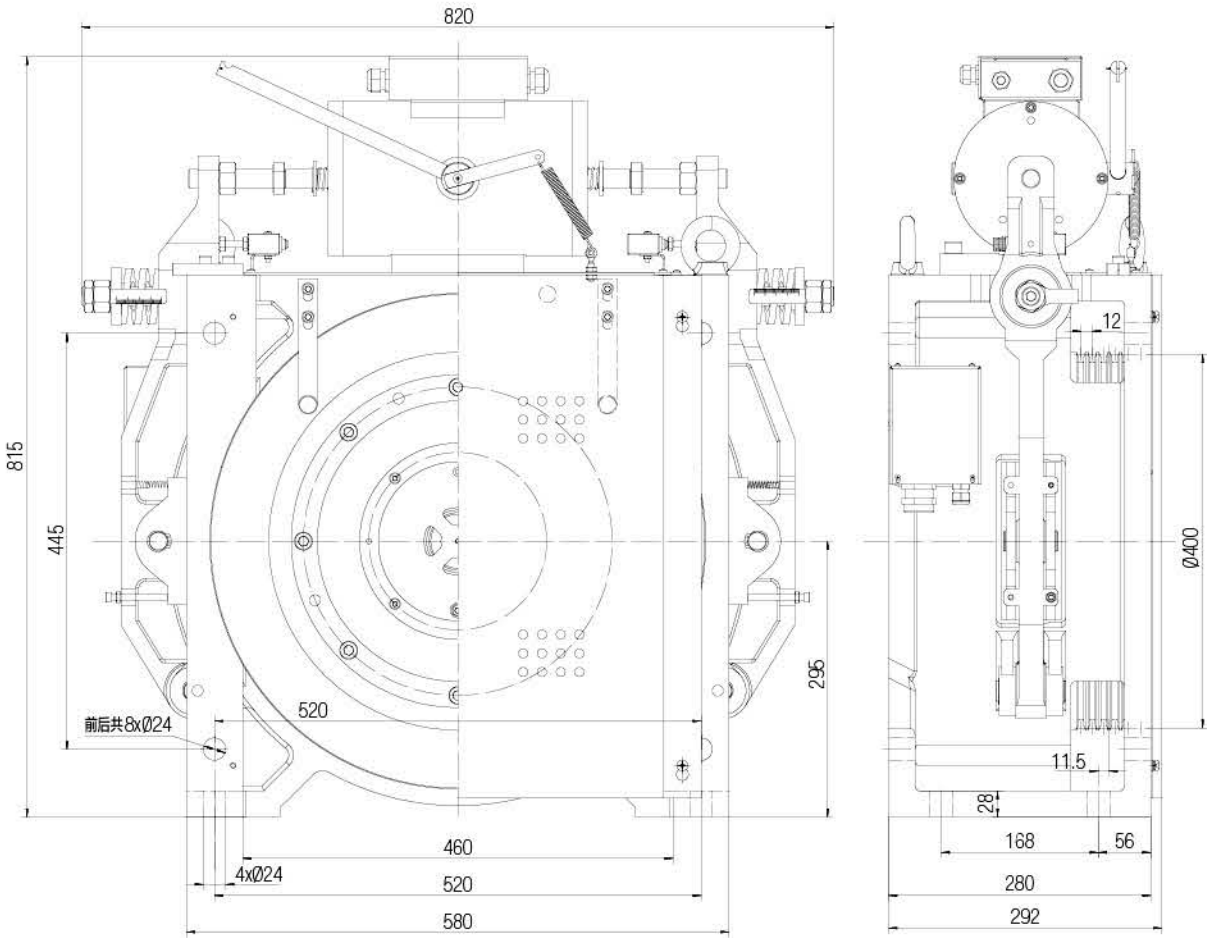
曳引方式可布置为上拉，也可布置为下拉，并具有远距离手动松闸功能；编码器前置、后置均可。

本系列永磁同步无齿曳引机采用单绕型式，绕比全部为2：1。

This series of permanent-magnet synchronous gearless traction machines is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and thus has the advantages of low energy consumption, low noises, no pollution, and little maintenance. These traction machines can be arranged for providing upward traction or downward traction, and have remote manual brake release function; encoder can be preposition and postposition.

This series of permanent-magnet synchronous gearless traction machines adapts single wrap, and roping factor is 2:1.

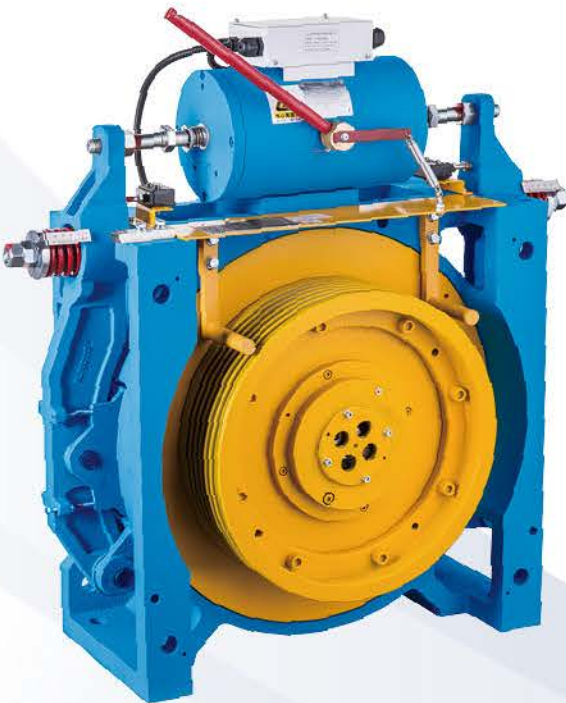
外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WWTY	8-6.3-800-2	0.63	800	3.4	60	16	8.8	545	5×Φ8	2:1	370	30
WWTY	8-10-800-2	1	800	5.5	96	25.5	13.2	545	5×Φ8	2:1	370	45
WWTY	8-16-800-2	1.6	800	8.7	153	40.7	21.5	545	5×Φ8	2:1	370	70
WWTY	8-17.5-800-2	1.75	800	9.5	167	44.6	23.7	545	5×Φ8	2:1	370	80
WWTY	8-20-800-2	2.0	800	10.9	190.5	50.8	26	545	5×Φ8	2:1	370	80
WWTY	8-6.3-1000-2	0.63	1000	4.3	60	16	11.2	680	6×Φ8	2:1	390	30
WWTY	8-10-1000-2	1	1000	6.8	96	25.5	16.8	680	6×Φ8	2:1	390	45
WWTY	8-16-1000-2	1.6	1000	10.9	153	40.8	26	680	6×Φ8	2:1	390	70
WWTY	8-17.5-1000-2	1.75	1000	11.9	167	44.6	29.2	680	6×Φ8	2:1	390	80
WWTY	8-20-1000-2	2.0	1000	13.6	190.5	50.8	32.5	680	6×Φ8	2:1	390	80

WWTY.8 (1350kg)

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 2:1
 - 额定载重: 1200、1350kg
 - 额定梯速: 0.63、1.0、1.6、1.75、2.0m/s
 - 最大轴负荷: 6000kg
 - 适配变频器: 3相400V级
 - 制动器电压: 打开电压DC200V, 保持电压DC100V
 - 电动机极数: 32极
-
- Traction ratio: 2:1
 - Rated capacity: 1200、1350kg
 - Rated elevator speed: 0.63、1.0、1.6、1.75、2.0m/s
 - Max. shaft load: 6000kg
 - Applicable converter: 3 phase 400V
 - Brake voltage: DC200V for Brake opening,
and DC100V for brake holding
 - Number of motor poles: 32 poles

产品描述 Product Description

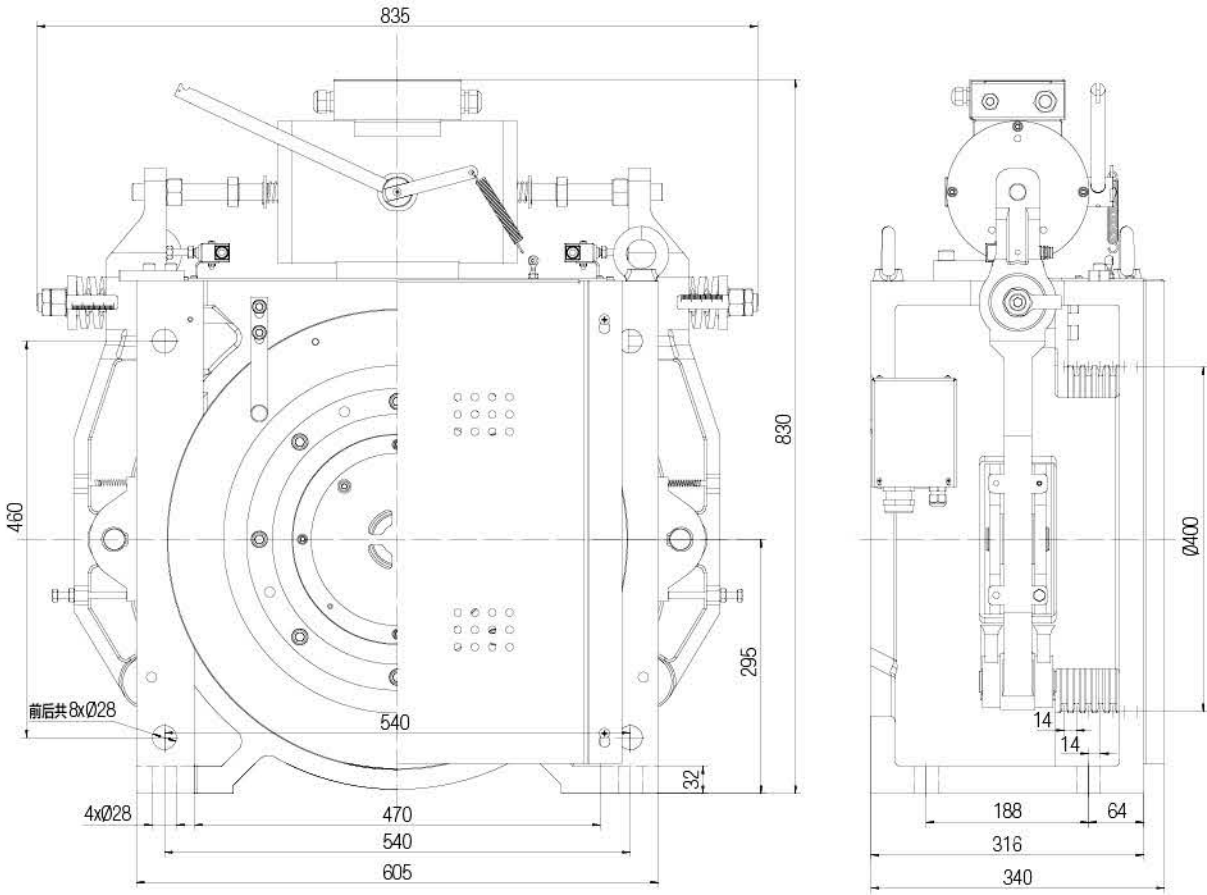
本系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。

曳引方式可布置为上拉，也可布置为下拉，并具有远距离手动松闸功能。

本系列永磁同步无齿曳引机采用单绕型式，绕比全部为2：1。

This series of permanent-magnet synchronous gearless traction machines is directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and thus has the advantages of low energy consumption, low noises, no pollution, and little maintenance. These traction machines can be arranged for providing upward traction or downward traction, and have remote manual brake release function. This series of permanent-magnet synchronous gearless traction machines adapts single wrap, and roping factor is 2:1.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WWTY	8-6.3-1200-2	0.63	1200	5.2	59	15.7	12.5	815	6×Φ10	2:1	500	30
WWTY	8-10-1200-2	1	1200	8.2	96	25.6	19.7	815	6×Φ10	2:1	500	45
WWTY	8-15-1200-2	1.5	1200	12.2	142.5	38	30.4	815	6×Φ10	2:1	500	70
WWTY	8-17.5-1200-2	1.75	1200	14.2	168	44.8	34.2	815	6×Φ10	2:1	500	80
WWTY	8-20-1200-2	2.0	1200	16.3	190.5	50.8	38	815	6×Φ10	2:1	500	80
WWTY	8-6.3-1350-2	0.63	1350	5.8	59	15.7	14	916	7×Φ10	2:1	520	30
WWTY	8-10-1350-2	1	1350	9.2	96	25.6	22.5	916	7×Φ10	2:1	520	45
WWTY	8-15-1350-2	1.5	1350	13.7	142.5	38	34.5	916	7×Φ10	2:1	520	70
WWTY	8-17.5-1350-2	1.75	1350	16	168	44.8	37.5	916	7×Φ10	2:1	520	80
WWTY	8-20-1350-2	2.0	1350	18	190.5	50.8	42.8	916	7×Φ10	2:1	520	80

WTYF250

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 1:1、2:1
- 额定载重: 800、1000、1250、1350、1600、2000、2500kg
- 额定梯速: 1、1.6、1.75、2、2.5、3m/s
- 最大提升高度: 120m
- 最大轴负荷: 10000kg
- 适配变频器: 3相400V级
- 制动器电压: 动作电压DC200V, 保持电压DC100V
- 电动机极数: 24极

- Traction ratio: 1:1、2:1
- Rated capacity: 800、1000、1250、1350、1600、2000、2500kg
- Rated elevator speed: 1、1.6、1.75、2、2.5、3m/s
- Max. lifting height: 120m
- Max. shaft load: 10000kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC200V for Brake opening,
and DC100V for brake holding
- Number of motor poles: 24 poles

产品描述 Product Description

WTYF250系列永磁同步无齿曳引机，采用低速、大力矩的三相永磁同步电动机直接驱动方式，因此具有低能耗、低噪音、无污染、少维护等优越性。

安装在井道顶部，曳引方式布置为上拉，并具有手动盘车功能。

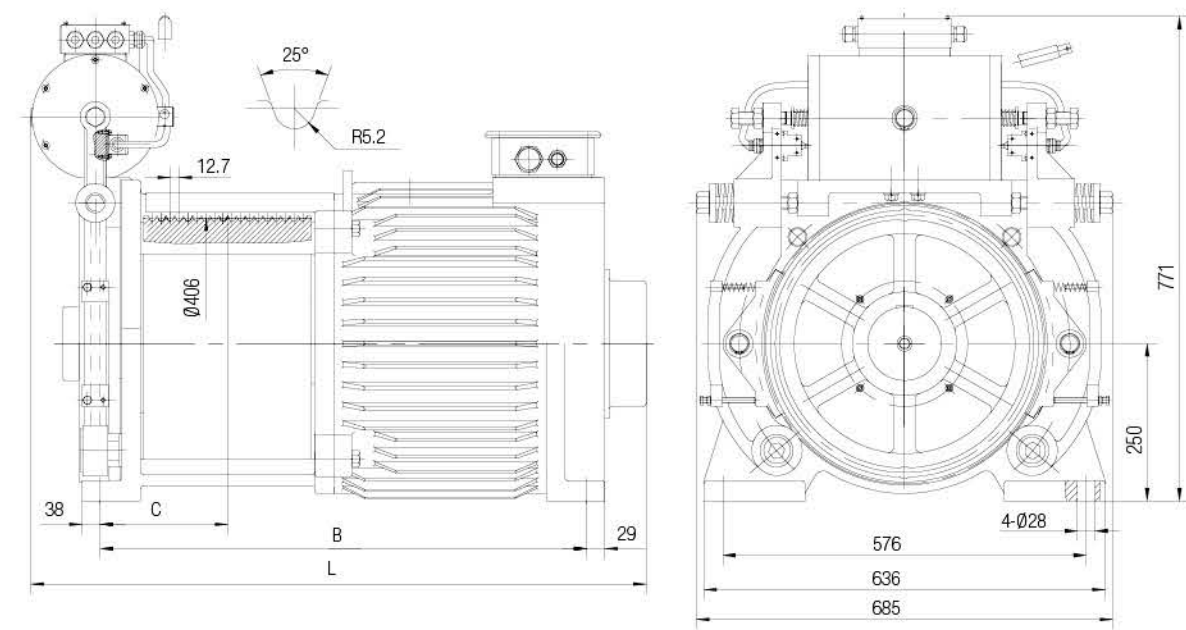
本系列永磁同步无齿曳引机采用复绕型式，绕比有2: 1和1: 1二种，在客户有特殊要求时，可与制造厂协商，制成单绕型式。

WTYF250 series of permanent-magnet synchronous gearless traction machines are directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and therefore has the advantages of low energy consumption, low noises, no pollution, and little maintenance.

These traction machines can be installed on the top of shaft way, with upward traction, and have handwinding function.

This series of permanent-magnet synchronous gearless traction machine adapts double wrap, with the roping factor of 2:1 and 1:1. If customers have any special requirements, please contact us and we can also manufacture permanent-magnet synchronous gearless traction machines with single wrap upon customer's request.

外形和安装尺寸 Overall dimensions and mounting dimensions

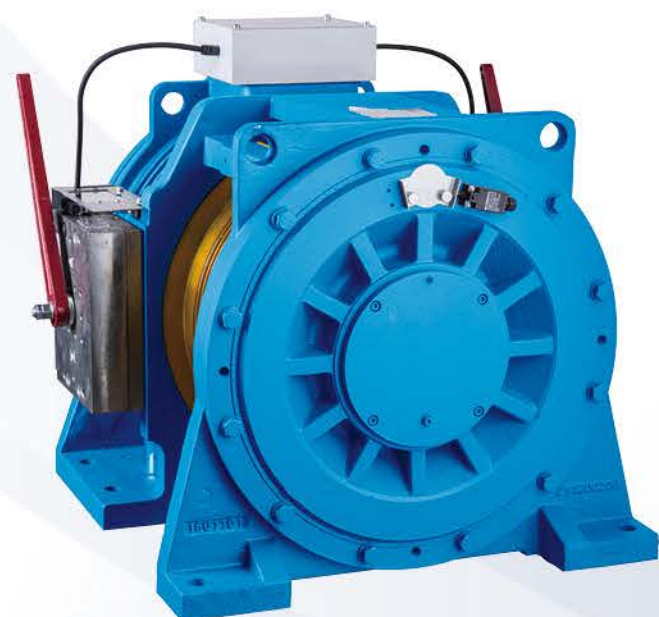


型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	L	B	C	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WTYF250	F-10-1350-2	1.00	1350	9.50	94	18.8	21.6	950	7xØ10	2:1	808	602	160.5	624	45
WTYF250	F-16-1350-2	1.60	1350	14.9	150.5	30.1	33.7	950	7xØ10	2:1	808	602	160.5	624	70
WTYF250	F-17.5-1350-2	1.75	1350	16.5	165	32.9	37.0	950	7xØ10	2:1	808	602	160.5	624	80
WTYF250	F-20-1350-2	2.00	1350	18.9	188	37.6	42.6	950	7xØ10	2:1	808	602	160.5	624	80
WTYF250	F-25-1350-2	2.50	1350	23.4	235	47	52.5	950	7xØ10	2:1	808	602	160.5	624	120
WTYF250	F-30-1350-2	3.00	1350	28.4	282	56.4	63.6	950	7xØ10	2:1	808	602	160.5	624	120
WTYF250	F-10-1600-2	1.00	1600	11.2	94	18.8	25.5	1126	7xØ10	2:1	808	602	160.5	638	45
WTYF250	F-16-1600-2	1.60	1600	17.7	150.5	30.1	41.0	1127	7xØ10	2:1	808	602	160.5	638	70
WTYF250	F-17.5-1600-2	1.75	1600	19.5	165	32.9	45.0	1128	7xØ10	2:1	808	602	160.5	638	80
WTYF250	F-20-1600-2	2.00	1600	22.4	188	37.6	51.5	1126	7xØ10	2:1	808	602	160.5	638	80
WTYF250	F-25-1600-2	2.50	1600	27.8	235	47	64.2	1130	7xØ10	2:1	808	602	160.5	638	120
WTYF250	F-30-1600-2	3.00	1600	33.1	282	56.4	76.9	1130	7xØ10	2:1	808	602	160.5	638	120
WTYF250	F-10-2000-2	1.00	2000	14.0	94	18.8	31.9	1410	9xØ10	2:1	995	789	211.5	730	45
WTYF250	F-16-2000-2	1.60	2000	22.1	150.5	30.1	48.0	1410	9xØ10	2:1	995	789	211.5	730	70
WTYF250	F-17.5-2000-2	1.75	2000	24.4	165	32.9	53.4	1410	9xØ10	2:1	995	789	211.5	730	80
WTYF250	F-20-2000-2	2.00	2000	28.0	188	37.6	60.5	1410	9xØ10	2:1	995	789	211.5	730	80
WTYF250	F-10-2500-2	1.00	2500	17.5	94	18.8	39.5	1760	11xØ10	2:1	995	789	211.5	775	45
WTYF250	F-16-2500-2	1.60	2500	27.6	150.5	30.1	60.0	1760	11xØ10	2:1	995	789	211.5	775	70
WTYF250	F-17.5-2500-2	1.75	2500	30.4	165	32.9	66.7	1760	11xØ10	2:1	995	789	211.5	775	80
WTYF250	F-20-2500-2	2.00	2500	35.0	188	37.6	76.2	1760	11xØ10	2:1	995	789	211.5	775	80
WTYF250	F-10-800-1	1.00	800	5.50	47	9.4	14.2	1126	7xØ10	1:1	808	602	160.5	638	45
WTYF250	F-16-800-1	1.60	800	8.80	75	15.1	21.8	1126	7xØ10	1:1	808	602	160.5	638	70
WTYF250	F-17.5-800-1	1.75	800	9.80	82	16.5	23.9	1126	7xØ10	1:1	808	602	160.5	638	80
WTYF250	F-20-800-1	2.00	800	11.2	94	18.8	26.7	1126	7xØ10	1:1	808	602	160.5	638	80
WTYF250	F-10-1000-1	1.00	1000	6.90	47	9.4	18.0	1410	9xØ10	1:1	995	789	211.5	730	45
WTYF250	F-16-1000-1	1.60	1000	11.1	75	15.1	25.4	1410	9xØ10	1:1	995	789	211.5	730	70
WTYF250	F-17.5-1000-1	1.75	1000	12.3	82	16.5	27.6	1410	9xØ10	1:1	995	789	211.5	730	80
WTYF250	F-20-1000-1	2.00	1000	14.0	94	18.8	33.2	1410	9xØ10	1:1	995	789	211.5	730	80
WTYF250	F-25-1000-1	2.50	1000	17.4	118	23.5	40.1	1410	9xØ10	1:1	995	789	211.5	730	120
WTYF250	F-30-1000-1	3.00	1000	20.8	141	28.2	47.8	1410	9xØ10	1:1	995	789	211.5	730	120
WTYF250	F-10-1250-1	1.00	1250	8.70	47	9.4	22.5	1760	11xØ10	1:1	995	789	211.5	775	45
WTYF250	F-16-1250-1	1.60	1250	13.8	75	15.1	34.0	1760	11xØ10	1:1	995	789	211.5	775	70
WTYF250	F-17.5-1250-1	1.75	1250	15.3	82	16.5	37.1	1760	11xØ10	1:1	995	789	211.5	775	80
WTYF250	F-20-1250-1	2.00	1250	17.5	94	18.8	41.5	1760	11xØ10	1:1	995	789	211.5	775	80
WTYF250	F-25-1250-1	2.50	1250	21.7	118	23.5	50.1	1760	11xØ10	1:1	995	789	211.5	775	80
WTYF250	F-30-1250-1	3.00	1250	26.0	141	28.2	58.8	1760	11xØ10	1:1	995	789	211.5	775	80

WTYF328

无齿曳引机

GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

曳引比: 2:1

额定载重: 1050、1200、1350、1600、2000kg

额定梯速: 3、3.5、4m/s

最大提升高度: 200m

最大轴负荷: 15000kg

适配变频器: 3相400V级

制动器电压: 动作电压DC200V, 保持电压DC100V

电动机极数: 20极

Traction ratio: 2:1

Rated capacity: 1050、1200、1350、1600、2000kg

Rated elevator speed: 3、3.5、4m/s

Max. lifting height: 200m

Max. shaft load: 15000kg

Applicable converter: 3 phase 400V

Brake voltage: DC200V for Brake opening,
and DC100V for brake holding

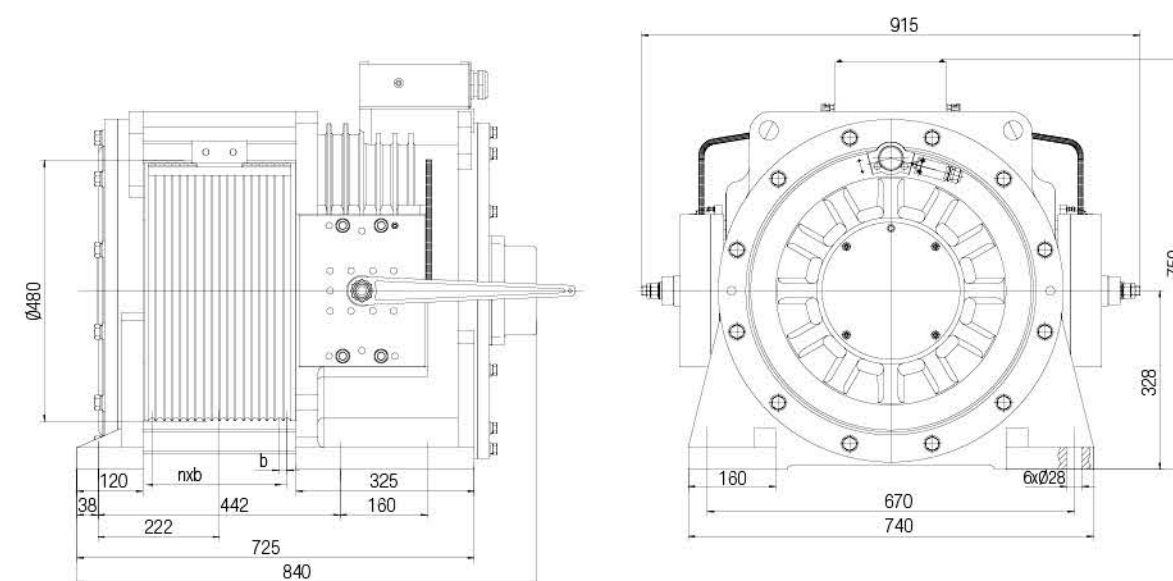
Number of motor poles: 20 poles

产品描述 Product Description

本系列永磁同步无齿曳引机采用复绕型式，壳体与支承体连为一体，其结构紧凑，安装维护方便，并能承受大的径向载荷。独特的外转子结构设计，低噪音的块式制动器安装在壳体两侧，动作灵敏，高效平稳。

This series of permanent-magnet synchronous gearless traction machines adapts double wrap, and the housing and support structure are integrated structure. So it has compact construction, with easy installation and maintenance, it can bear high radial loads. Unique external rotor design is provided, low-noise block brake is mounted on both sides of the housing and operates with high sensitivity, high efficiency and good stability.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N•m)	绳规 Rope	曳引比 Suspension	自重 Weight (kg)
WTFYF328	F-30-1050-2	3.0	1050	20.5	238.7	39.79	46	819	8, 9, 10xØ10	2:1	1030
WTFYF328	F-35-1050-2	3.5	1050	23.9	278.5	46.42	55	819	8, 9, 10xØ10	2:1	1030
WTFYF328	F-40-1050-2	4.0	1050	27.3	318.3	53.05	64	819	8, 9, 10xØ10	2:1	1030
WTFYF328	F-30-1200-2	3.0	1200	23.4	238.7	39.79	53	936	8, 9, 10xØ10	2:1	1050
WTFYF328	F-35-1200-2	3.5	1200	27.3	278.5	46.42	63	936	8, 9, 10xØ10	2:1	1050
WTFYF328	F-40-1200-2	4.0	1200	31.2	318.3	53.05	70	936	8, 9, 10xØ10	2:1	1050
WTFYF328	F-30-1350-2	3.0	1350	26.3	238.7	39.79	60	1053	8, 9, 10xØ10	2:1	1050
WTFYF328	F-35-1350-2	3.5	1350	30.7	278.5	46.42	71	1053	8, 9, 10xØ10	2:1	1050
WTFYF328	F-40-1350-2	4.0	1350	35	318.3	53.05	79	1053	8, 9, 10xØ10	2:1	1050
WTFYF328	F-30-1600-2	3.0	1600	31.2	238.7	39.79	71	1249	8, 9, 10xØ10	2:1	1080
WTFYF328	F-35-1600-2	3.5	1600	36.4	278.5	46.42	85	1249	8, 9, 10xØ10	2:1	1080
WTFYF328	F-40-1600-2	4.0	1600	41.6	318.3	53.05	97	1249	8, 9, 10xØ10	2:1	1080
WTFYF328	F-30-2000-2	3.0	2000	39	238.7	39.79	92	1560	8, 9, 10xØ10	2:1	1100
WTFYF328	F-35-2000-2	3.5	2000	45.5	278.5	46.42	105	1560	8, 9, 10xØ10	2:1	1100
WTFYF328	F-40-2000-2	4.0	2000	52	318.3	53.05	123	1560	8, 9, 10xØ10	2:1	1100

WTYF380

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

- 曳引比: 1:1、2:1
- 额定载重: 1350~4000kg
- 额定梯速: 1.0、1.5、1.75、2.0、2.5、3.0m/s
- 最大提升高度: 120m
- 最大轴负荷: 10000kg
- 适配变频器: 3相400V级
- 制动器电压: 打开电压DC200V, 保持电压DC100V

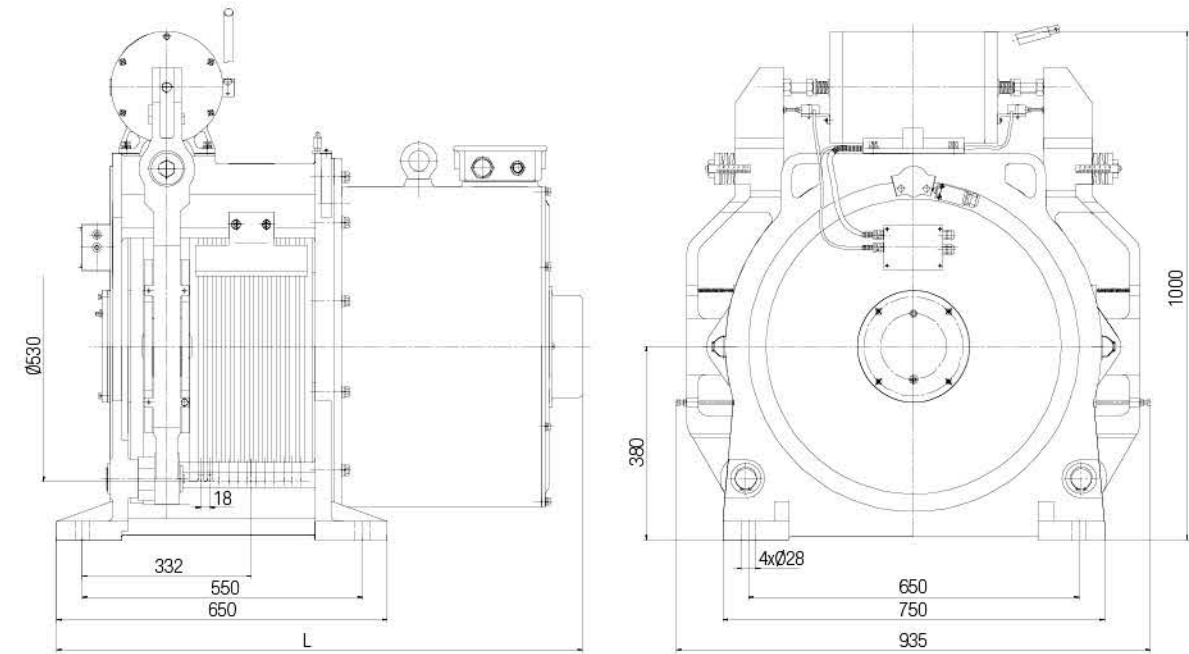
- Traction ratio: 1:1、2:1
- Rated capacity: 1350~4000kg
- Rated elevator speed: 1.0、1.5、1.75、2、2.5、3.0m/s
- Max. lifting height: 120m
- Max. shaft load: 10000kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC200V for Brake opening,
and DC100V for brake holding

产品描述 Product Description

本系列永磁同步无齿曳引机为大载重主机，产品采用双支撑单绕结构，曳引轮在两承载轴承之间，受力更合理。制动器采用行业成熟的鼓式结构，制动力矩大，可靠性高，维护和调试方便。独特的内转子结构和优异的磁场设计，使产品的性能优异，噪音小，运行平稳高速。采用进口轴承，承载能力大，寿命更长；多种编码器安装方式，满足客户的不同需求，适用于有机房电梯。

This series of permanent-magnet synchronous gearless traction machines has large capacity and dual supporting single wrap structure, with traction sheave located between two bearings, so force application is more reasonable. Drum brakes are applied for the traction machines, which have high braking torque, high reliability and easy maintenance and commissioning. Unique internal rotor construction and excellent magnetic field design, enable the product to have excellent performance, low noise level and high-speed steady operation. Imported bearings are applied, which have high-carrying capacity and long life. The encoder is installed in various manners to meet different customer demands. This series of traction machines is applicable for the elevator with machine room.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	曳引比 Suspension	L	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WTYF	380-10-1350-1	1.0	1350	8.8	36	9	23.5	2324	12×Ø13	1:1	1050	1220	45
WTYF	380-15-1350-1	1.5	1350	13.2	54	13.5	34	2324	12×Ø13	1:1	1050	1220	70
WTYF	380-17.5-1350-1	1.75	1350	15.4	63.2	15.8	37.4	2324	12×Ø13	1:1	1050	1220	80
WTYF	380-20-1350-1	2.0	1350	17.5	72	18	44	2324	12×Ø13	1:1	1050	1220	80
WTYF	380-25-1350-1	2.5	1350	21.9	90	22.5	51.5	2324	12×Ø13	1:1	1050	1220	120
WTYF	380-30-1350-1	3.0	1350	26.3	108	27	61	2324	12×Ø13	1:1	1050	1220	120
WTYF	380-10-1600-1	1.0	1600	10.4	36	9	27.5	2754	12×Ø13	1:1	1050	1270	45
WTYF	380-15-1600-1	1.5	1600	15.6	54	13.5	40	2754	12×Ø13	1:1	1050	1270	70
WTYF	380-17.5-1600-1	1.75	1600	18.2	63.2	15.8	43.4	2754	12×Ø13	1:1	1050	1270	80
WTYF	380-20-1600-1	2.0	1600	20.8	72	18	51.5	2754	12×Ø13	1:1	1050	1270	80
WTYF	380-25-1600-1	2.5	1600	26.0	90	22.5	61	2754	12×Ø13	1:1	1050	1270	120
WTYF	380-30-1600-1	3.0	1600	31.2	108	27	72	2754	12×Ø13	1:1	1050	1270	120
WTYF	380-10-2000-1	1.0	2000	13.0	36	9	33	3443	12×Ø13	1:1	1100	1480	45
WTYF	380-15-2000-1	1.5	2000	20.8	54	13.5	51	3443	12×Ø13	1:1	1100	1480	60
WTYF	380-17.5-2000-1	1.75	2000	22.8	63.2	15.8	55	3443	12×Ø13	1:1	1100	1480	60
WTYF	380-20-2000-1	2.0	2000	26.0	72	18	62	3443	12×Ø13	1:1	1100	1480	70
WTYF	380-6.3-2500-2	0.63	2500	10.2	45.6	11.4	24	2150	12×Ø13	2:1	1050	1220	30
WTYF	380-10-2500-2	1.0	2500	16.2	72	18	39.5	2150	12×Ø13	2:1	1050	1220	45
WTYF	380-16-2500-2	1.6	2500	26.0	115.2	28.8	60	2150	12×Ø13	2:1	1050	1220	70
WTYF	380-20-2500-2	2.0	2500	32.5	144	36	76	2150	12×Ø13	2:1	1050	1220	80
WTYF	380-6.3-3000-2	0.63	3000	12.3	45.6	11.4	31	2586	12×Ø13	2:1	1050	1270	30
WTYF	380-10-3000-2	1.0	3000	19.5	72	18	46	2586	12×Ø13	2:1	1050	1220	45
WTYF	380-16-3000-2	1.6	3000	31.2	115.2	28.8	72	2586	12×Ø13	2:1	1050	1270	70
WTYF	380-20-3000-2	2.0	3000	39.0	144	36	89	2586	12×Ø13	2:1	1050	1270	80
WTYF	380-6.3-3500-2	0.63	3500	14.3	45.6	11.4	36	3010	12×Ø13	2:1	1100	1270	30
WTYF	380-10-3500-2	1.0	3500	22.7	72	18	54	3010	12×Ø13	2:1	1100	1270	45
WTYF	380-16-3500-2	1.6	3500	36.4	115.2	28.8	84	3010	12×Ø13	2:1	1100	1270	70
WTYF	380-20-3500-2	2.0	3500	45.4	144	36	103	3010	12×Ø13	2:1	1100	1270	80
WTYF	380-6.3-4000-2	0.63	4000	16.4	45.6	11.4	41	3448	12×Ø13	2:1	1100	1480	30
WTYF	380-10-4000-2	1.0	4000	26.0	72	18	62	3448	12×Ø13	2:1	1100	1480	45
WTYF	380-16-4000-2	1.6	4000	41.6	115.2	28.8	95	3448	12×Ø13	2:1	1100	1480	60
WTYF	380-20-4000-2	2.0	4000	51.9	144	36	118	3448	12×Ø13	2:1	1100	1480	70

WYJ140

无齿曳引机 GEARLESS TRACTION MACHINE



产品特点 Product Characteristics

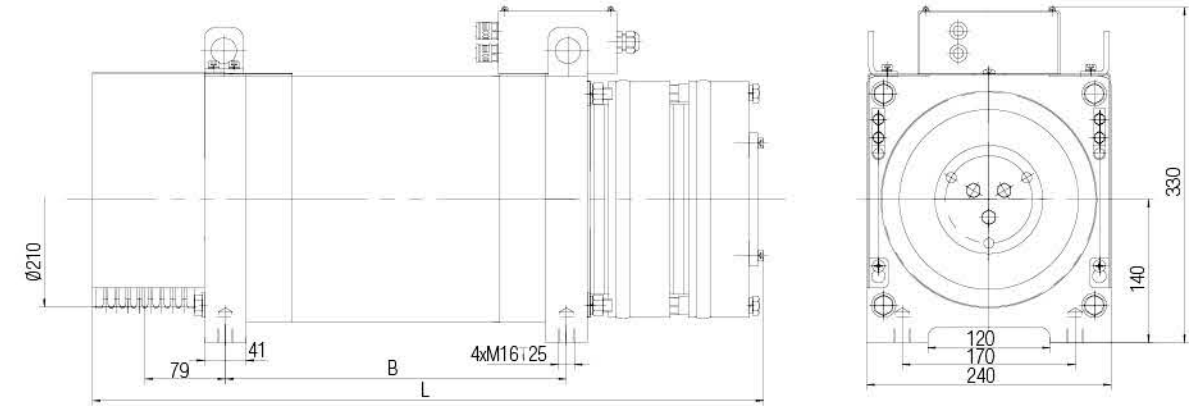
- 曳引比: 2:1
- 额定载重: 400、450、630kg
- 额定梯速: 0.4、1、1.6m/s
- 最大提升高度: 60m
- 最大轴负荷: 2000kg
- 适配变频器: 3相400V级
- 制动器电压: DC200V
- 电动机极数: 10极
- Traction ratio: 2:1
- Rated capacity: 400、450、630kg
- Rated elevator speed: 0.4、1、1.6m/s
- Max. lifting height: 60m
- Max. shaft load: 2000kg
- Applicable converter: 3 phase 400V
- Brake voltage: DC200V
- Number of motor poles: 10 poles

产品描述 Product Description

本系列无齿曳引机采用独特的细长形设计，曳引轮为悬臂式安装，独特的设计方便用户安装与拆卸曳引轮。
定子铁心采用独特的叠压设计，无需机座，减少主机重量及成本。
采用花键配合的轴刹式制动器，使主机精致小巧，结构紧凑，性能更为优异，可充分满足小机房、无机房结构，有效节省空间。
精选国际知名配件；采用进口密封轴承，不需更换油脂，不需维护，确保完美品质。

This series of gearless traction machines has unique small and long design. The traction sheaves are cantilever-mounted. Unique design allows easy installation and removal of traction sheaves.
The stator core is unique laminated core design without a seat, so the machine weight and cost are reduced.
The traction machine has shaft brake with spline fit. So the machine is exquisite, compact and small, and has better performance. This type of traction machines can fully meet small machine room and non machine room elevators and effectively save the space.
Accessories made by well-known international manufacturers and imported sealed bearings are used in the traction machine, which avoids grease change and maintenance, so perfect quality is ensured.

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	B	L	自重 Weight (kg)
WYJ140	4.0-400-2	0.4	400	1	72	6	3.3	132	6xØ8	295	620	160
WYJ140	10-450-2	1	450	3	182.4	15.2	8	160	6xØ6.5	295	620	160
WYJ140	16-450-2	1.6	450	4.8	291.6	24.3	12.2	160	6xØ6.5	295	620	160
WYJ140	10-630-2	1	630	4.3	182.4	15.2	11.5	225	8xØ6.5	335	660	180
WYJ140	16-630-2	1.6	630	6.9	291.6	24.3	17.5	225	8xØ6.5	335	660	180

YJ125

有齿曳引机

GEARD TRACTION MACHINE

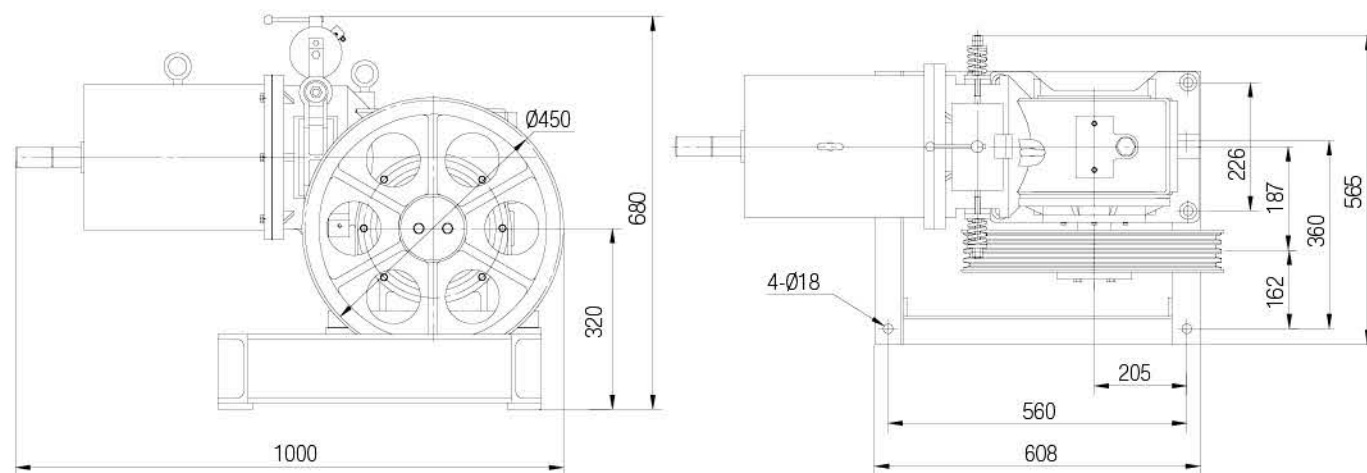


产品特点 Product Characteristics

曳引比: 2:1
额定载重: 400kg
额定梯速: 0.63、1.0m/s
最大提升高度: 30m
噪音级别: < 61dB (A)
扭转振动: < 2.0m/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V
置式: 只有右置

Traction ratio: 2:1
Rated capacity: 400kg
Rated elevator speed: 0.63、1.0m/s
Max. lifting height: 30m
Noise level: < 61dB(A)
Torsional vibration: < 2.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V for brake holding
Arrangement: only right side

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ125	A-1	0.63	400	2600	1:48	1:1	Ø450-4-11	15	YPTD132S1-4	4.0	1300	340/45	10	264	30
YJ125	B-1	1.00	400	2600	1:30	1:1	Ø450-4-11	15	YPTD132S2-4	4.7	1300	340/45	11.6	264	30

YJ160

有齿曳引机

GEARD TRACTION MACHINE

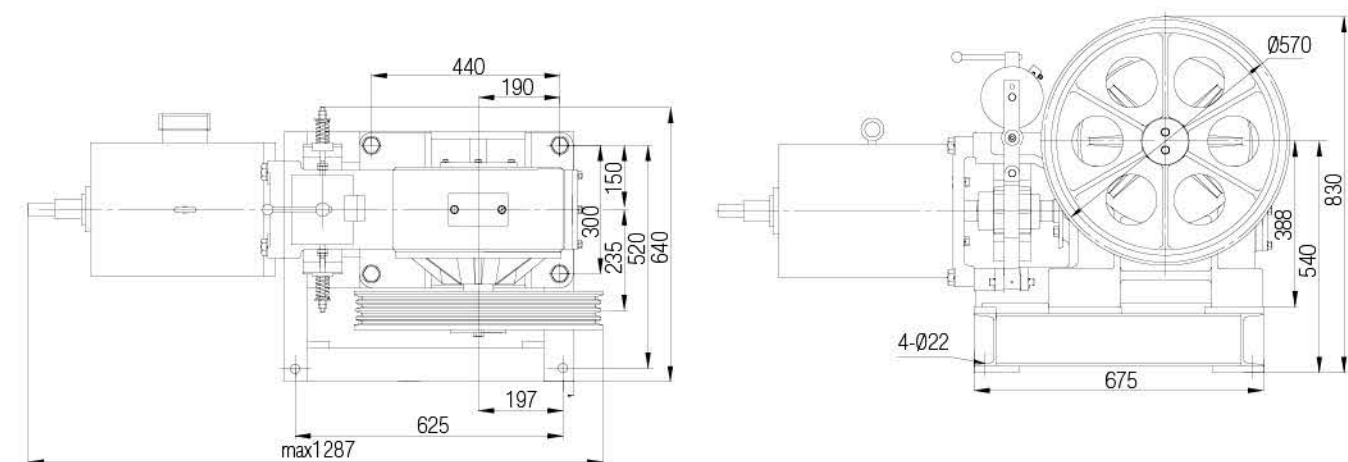


产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 630、800、1000kg
额定梯速: 0.63、1.0、1.6m/s
最大提升高度: 50m
噪音级别: < 62dB (A)
扭转振动: < 2.0m/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V或DC55V
置式: 右置或左置 (此图为右置)

Traction ratio: 1:1、2:1
Rated capacity: 630、800、1000kg
Rated elevator speed: 0.63、1.0、1.6m/s
Max. lifting height: 50m
Noise level: < 62dB(A)
Torsional vibration: < 2.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V or DC 55V for brake holding
Arrangement: left side or right side (The picture is for right side)

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ160	A-I	0.63	800	3700	1:43	1:1	Ø570-4-13	19	YPTD160M2-6	7.5	967	380/50	15.8	490	30
YJ160	A-II	1.00	800	3700	1:43	1:1	Ø570-4-13	19	YPTD160M1-4	9.0	1456	340/50	20.8	490	50
YJ160	B-1	1.60	630	3700	2:55	1:1	Ø570-4-13	19	YPTD160M1-4	9.0	1456	340/50	20.8	490	50
YJ160	C-1	1.00	1000	3700	2:43	2:1	Ø570-6-11	15	YPTD160M2-4	11	1456	380/50	22.5	490	50
YJ160	B	1.60	800	3700	2:55	1:1	Ø570-4-13	19	YPTD160M1-4	11	1456	380/50	22.5	490	50

YJ160D

有齿曳引机

GEARD TRACTION MACHINE

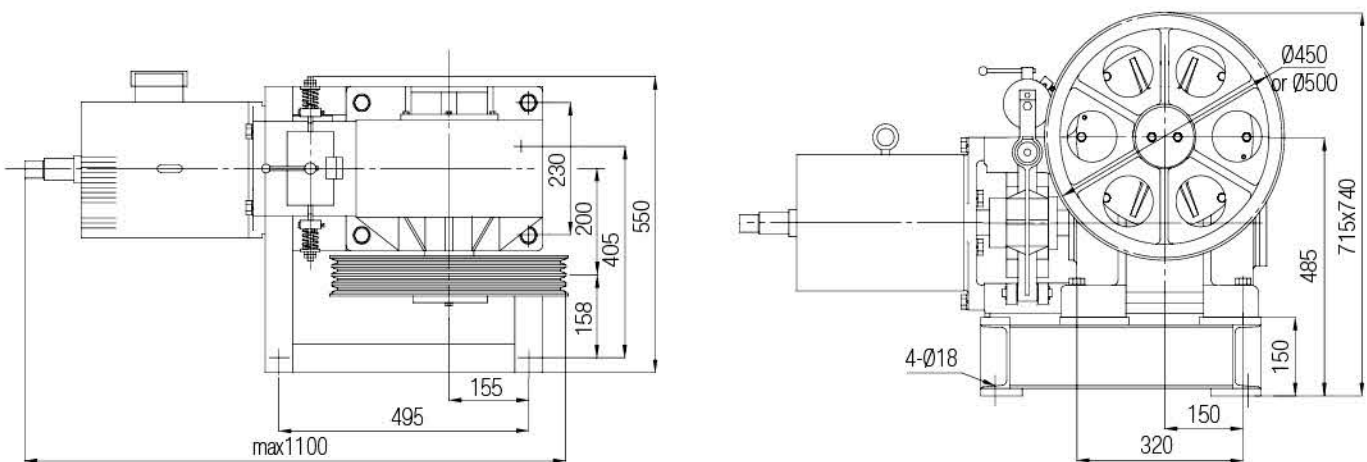


产品特点 Product Characteristics

曳引比: 1:1
额定载重: 630kg
额定梯速: 0.63、1.0m/s
最大提升高度: 50m
噪音级别: < 62dB (A)
扭转振动: < 2.0mm/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V
置式: 只有右置

Traction ratio: 1:1
Rated capacity: 630kg
Rated elevator speed: 0.63、1.0m/s
Max. lifting height: 50m
Noise level: < 62dB(A)
Torsional vibration: < 2.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V for brake holding
Arrangement: only right side

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ160D	I	0.63	630	3300	1:54	1:1	Ø450-5-11	15	YPTD132S3-4	5.5	1460	340/50	12.9	328	30
YJ160D	II	1.00	630	3300	1:36	1:1	Ø450-5-11	15	YPTD132M2-4	7.5	1460	340/50	17.7	328	50
YJ160D	IV	0.63	630	3300	1:54	1:1	Ø500-4-12	19	YPTD132S3-4	5.5	1460	340/50	12.9	328	30
YJ160D	V	1.00	630	3300	1:36	1:1	Ø500-4-12	19	YPTD132M2-4	7.5	1460	340/50	17.7	328	50

YJ200A

有齿曳引机

GEARD TRACTION MACHINE

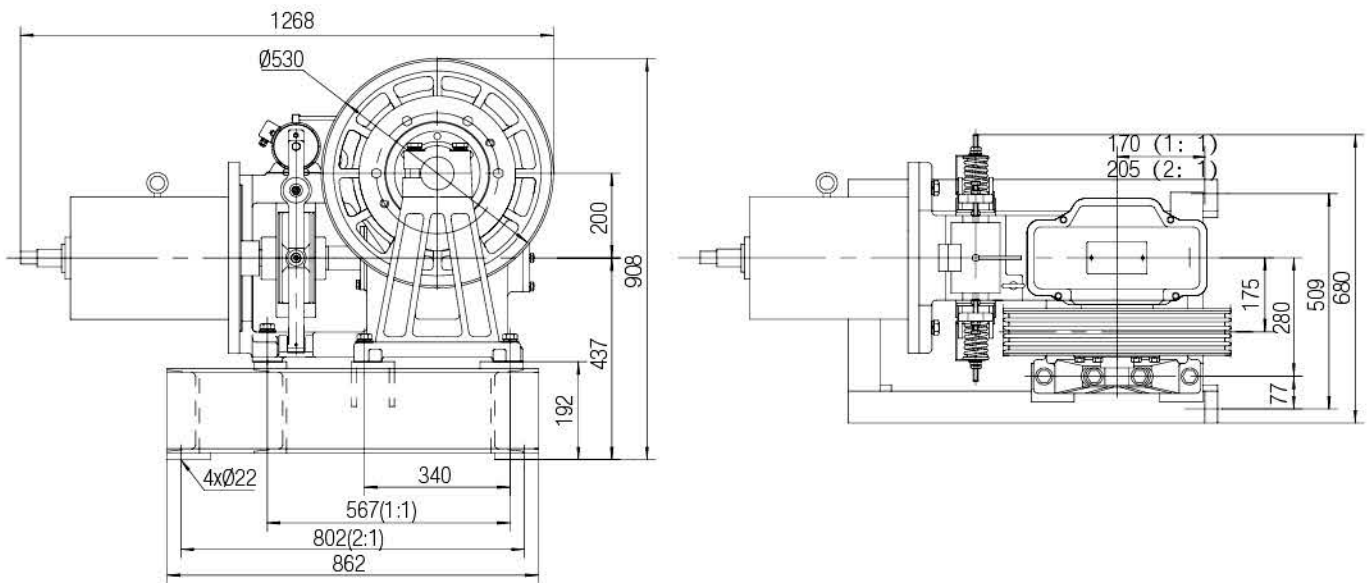


产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 1000、1150、1600、2300kg
额定梯速: 0.5、1.0m/s
最大提升高度: 60m
噪音级别: < 64dB (A)
扭转振动: < 3.0mm/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V
置式: 右置或左置 (此图为右置)

Traction ratio: 1:1、2:1
Rated capacity: 1000、1150、1600、2300kg
Rated elevator speed: 0.5、1.0m/s
Max. lifting height: 60m
Noise level: < 64dB(A)
Torsional vibration: < 3.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V for brake holding
Arrangement: left side or right side (The picture is for right side)

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ200A	IV	0.50	1000	5000	1:55	1:1	Ø530-5-13	19	YPTD160M2-6	7.5	967	380/50	15.8	513	60
YJ200A	V	0.50	1000	5000	2:55	2:1	Ø530-5-13	19	YPTD160M2-6	7.5	967	380/50	15.8	513	60
YJ200A	VI	1.00	1150	5000	55:2	1:1	Ø530-5-13	19	YPTD160L1-6	11	967	380/50	22.9	513	60
YJ200A	II	0.50	1600	5000	55:2	2:1	Ø530-5-13	19	YPTD160M2-6	7.5	967	380/50	15.8	513	60
YJ200A	X	0.50	2300	5000	55:2	2:1	Ø530-5-13	19	YPTD160L1-6	11	967	380/50	22.9	513	60

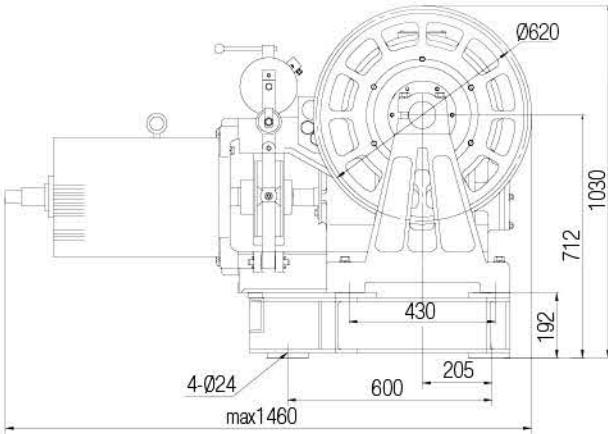
YJ240

有齿曳引机

GEARD TRACTION MACHINE



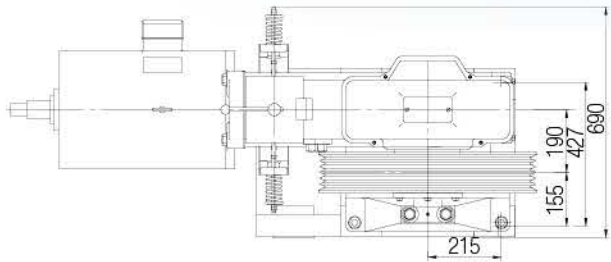
外形和安装尺寸 Overall dimensions and mounting dimensions



产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 750、1000、1250、3000kg
额定梯速: 0.63、0.75、1.5、1.75、2.0m/s
最大提升高度: 80m
噪音级别: < 64dB (A)
扭转振动: < 2.0m/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V或DC55V
置式: 右置或左置 (此图为右置)

Traction ratio: 1:1、2:1
Rated capacity: 750、1000、1250、3000kg
Rated elevator speed: 0.63、0.75、1.5、1.75、2.0m/s
Max. lifting height: 80m
Noise level: < 64dB(A)
Torsional vibration: < 2.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V for brake holding
Arrangement: left side or right side (The picture is for right side)



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ240	A-I	0.75	1000	6000	1:56	1:1	Ø620-5-13	19	YPTD160M1-4B1	9.00	1300	340/45	20.9	656	40
YJ240	B-I	1.50	750	6000	2:55	1:1	Ø620-5-13	19	YPTD160L1-4B1	13.0	1300	380/45	26.4	656	80
YJ240	B-II	1.75	750	6000	2:55	1:1	Ø620-5-13	19	YTD160L1-4	13.0	1456	380/50	26.2	656	80
YJ240	B-III	1.50	1000	6000	2:55	1:1	Ø620-6-13	19	YTD160L2-4B1	15.0	1300	380/45	30.3	656	80
YJ240	B-IV	1.75	1000	6000	2:55	1:1	Ø620-6-13	19	YPTD160L2-4	15.0	1456	380/50	29.9	656	80
YJ240	B-V	1.75	1000	6000	2:55	1:1	Ø620-6-13	19	YPTD180M1-4	18.5	1470	380/50	35.9	656	80
YJ240	B-VIII-1	1.50	1250	6000	2:55	1:1	Ø620-6-13	19	YPTD180M1-4B1	18.5	1300	380/45	35.9	656	80
YJ240	E-IV-1	1.75	1250	6000	3:55	1:1	Ø620-6-13	19	YPTD180L1-6	18.5	977	380/50	37.1	656	80
YJ240	C-I	0.63	1000	6000	1:49	1:1	Ø620-5-13	19	YPTD160M3-6	9.00	967	380/50	18.7	656	30
YJ240	C-II	1.00	1000	6000	1:49	1:1	Ø620-5-13	19	YPTD160M2-4	11.0	1456	380/50	22.5	656	50
YJ240	D-II-1	2.00	1250	6000	2:49	1:1	Ø620-6-13	19	YPTD180M2-4	22.0	1470	380/50	42	656	80
YJ240	D-I	2.00	1000	6000	2:49	1:1	Ø620-6-13	19	YPTD180M2-4	22.0	1470	380/50	42	656	80
YJ240	E-I	2.50	1000	6000	3:55	1:1	Ø620-6-13	19	YPTD180L-4	26.0	1470	380/50	49	656	80
YJ240	C-IV	0.63	1250	6000	1:49	1:1	Ø620-6-13	19	YPTD160L1-6	11.0	967	380/50	22.9	656	30
YJ240	A-II	0.75	1250	6000	1:56	1:1	Ø620-6-13	19	YPTD160M2-4B1	11.0	1300	380/45	22.6	656	40
YJ240	C-V	1.00	1250	6000	1:49	1:1	Ø620-6-13	19	YPTD160L1-4	13.0	1456	380/50	26.2	656	50
YJ240	E-III	1.75	1000	6000	3:55	1:1	Ø620-6-13	19	YPTD180M-6	15.0	977	380/50	30.3	656	80
YJ240	B-VIII	1.50	1250	6000	2:55	1:1	Ø620-7-13	18	YPTD180M1-4B1	18.5	1300	380/45	35.7	656	80
YJ240	E-IV	1.75	1250	6000	3:55	1:1	Ø620-7-13	18	YPTD180L1-6	18.5	977	380/50	37.1	656	80
YJ240	D-II	2.00	1250	6000	2:49	1:1	Ø620-7-13	18	YPTD180M2-4	22.0	1470	380/50	42	656	80
YJ240	B-VI	2.00	1250	6000	2:55	1:1	Ø690-7-13	18	YPTD180M2-4	22.0	1470	380/50	42	656	80
YJ240	D-III	1.00	3000	7000	2:49	2:1	Ø620-7-13	18	YPTD180L-4	26.0	1470	380/50	49	656	40
YJ240	D-IV	0.63	3000	7000	2:49	2:1	Ø620-7-13	18	YPTD180L1-6	18.5	977	380/50	37.1	656	35

YJ245

有齿曳引机

GEARD TRACTION MACHINE

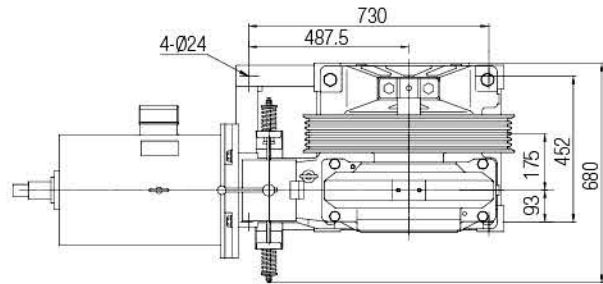
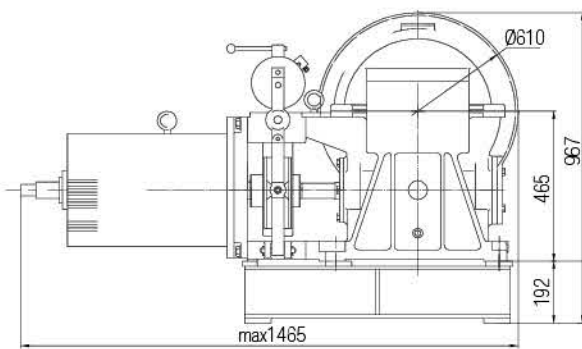


产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 1000、2000kg
额定梯速: 0.5、0.63、1.0m/s
最大提升高度: 60m
噪音级别: < 65dB (A)
扭转振动: < 3.0m/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V或DC55V
置式: 只有左置

Traction ratio: 1:1、2:1
Rated capacity: 1000、2000kg
Rated elevator speed: 0.5、0.63、1.0m/s
Max. lifting height: 60m
Noise level: < 65dB(A)
Torsional vibration: < 3.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V or DC 55V for brake holding
Arrangement: only left side

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ245	A-II	0.50	1000	6000	1:61	1:1	Ø610-5-13	20	YPTD160M2-6	7.5	967	380/50	15.8	598	60
YJ245	B-IV	1.00	1000	6000	2:61	1:1	Ø610-5-13	20	YPTD160L1-6	11	967	380/50	22.9	598	60
YJ245	B-V	0.63	2000	6000	2:61	2:1	Ø610-5-13	20	YPTD160L1-4B1	13	1300	380/45	26.4	598	60

YJ245-B

有齿曳引机

GEARD TRACTION MACHINE

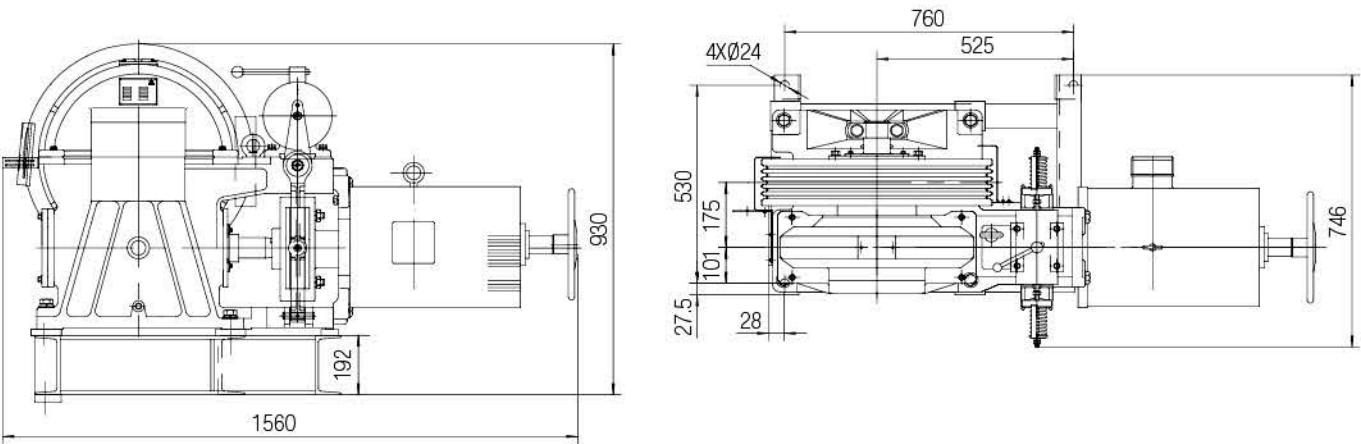


产品特点 Product Characteristics

曳引比: 2:1
额定载重: 3000、3500kg
额定梯速: 0.5m/s
最大提升高度: 50m
噪音级别: < 65dB (A)
扭转振动: < 3.0mm/s
水平和垂直振动: < 0.8mm/s
制动器电压: 制动电压DC110V, 保持电压DC110V
置式: 右置或左置 (此图为右置)

Traction ratio: 2:1
Rated capacity: 3000、3500kg
Rated elevator speed: 0.5m/s
Max. lifting height: 50m
Noise level: < 65dB(A)
Torsional vibration: < 3.0mm/s
Horizontal and vertical vibrations: < 0.8mm/s
Brake voltage: DC110V for brake opening,
and DC110V for brake holding
Arrangement: left side or right side (The picture is for right side)

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ245	B-VII	0.5	3000	7000	2:61	2:1	Ø620-7-13	18	YPTD180M-6	15	977	380/50	30.3	710	50
YJ245	B-IX	0.5	3500	7000	2:61	2:1	Ø620-7-13	18	YPTD180L1-6	18.5	977	380/50	37.1	710	50

YJ360

有齿曳引机

GEARD TRACTION MACHINE

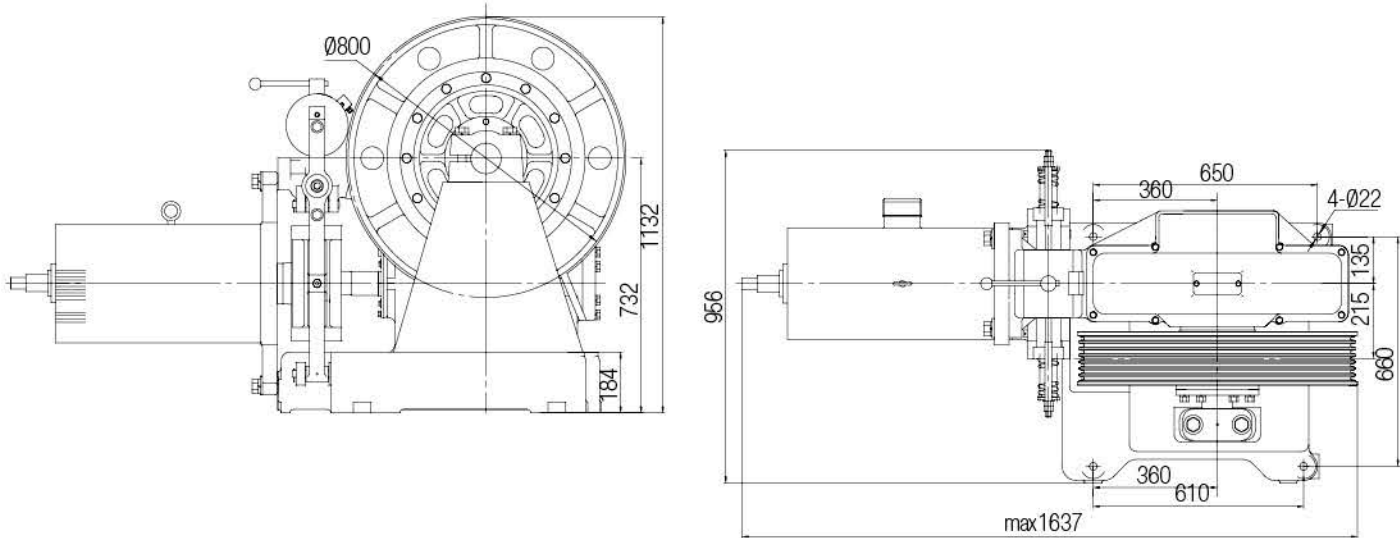


产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 1000、1600、3000kg
额定梯速: 0.63、1.0、1.6、1.75、2.0m/s
最大提升高度: 110m
噪音级别: < 66dB (A)
扭转振动: < 4.5mm/s
水平和垂直振动: < 1.0mm/s
制动器电压: 制动电压DC110V, 保持电压DC55V
置式: 右置或左置 (此图为右置)

Traction ratio: 1:1、2:1
Rated capacity: 1000、1600、3000kg
Rated elevator speed: 0.63、1.0、1.6、1.75、2.0m/s
Max. lifting height: 110m
Noise level: < 66dB(A)
Torsional vibration: < 4.5mm/s
Horizontal and vertical vibrations: < 1.0mm/s
Brake voltage: DC110V for brake opening,
and DC55V for brake holding
Arrangement: left side or right side (The picture is for right side)

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ360	A-I	0.63	1600	7200	1:61	1:1	Ø800-6-13	19	YPTD180M-6	15.0	977	380/50	30.3	1188	30
YJ360	A-II	1.00	1600	7200	1:61	1:1	Ø800-6-13	19	YPTD180M1-4	18.5	1470	380/50	35.9	1188	50
YJ360	B-I	1.60	1600	7200	2:78	1:1	Ø800-7-13	19	YPTD180M2-4	22.0	1470	380/50	42	1188	80
YJ360	C-I	2.00	1000	7200	2:61	1:1	Ø800-6-13	19	YPTD180M1-4	18.5	1470	380/50	35.9	1188	90
YJ360	D-I	2.50	1000	7200	3:73	1:1	Ø800-6-13	19	YPTD180M2-4	22.0	1470	380/50	42	1188	110
YJ360	D-II	1.75	1600	7200	3:73	1:1	Ø800-7-13	19	YPTD180L2-6	22.0	977	380/50	43.7	1188	80
YJ360	C-II	0.63	3000	7200	2:61	2:1	Ø800-7-13	19	YPTD180L1-6	18.5	977	380/50	37.1	1188	35

YJ336

有齿曳引机

GEARD TRACTION MACHINE

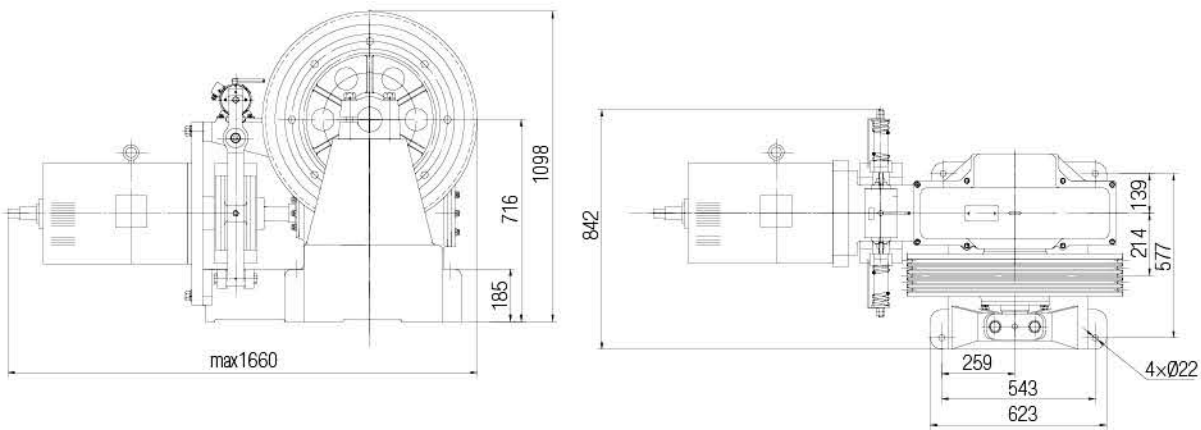


产品特点 Product Characteristics

曳引比: 1:1、2:1
额定载重: 2000、2500、5000kg
额定梯速: 0.45、0.5、1.0m/s
最大提升高度: 60m
噪音级别: < 66dB (A)
扭转振动: < 4.5mm/s
水平和垂直振动: < 1.0mm/s
制动器电压: 制动电压DC110V, 保持电压DC55V
置式: 只有右置

Traction ratio: 1:1、2:1
Rated capacity: 2000、2500、5000kg
Rated elevator speed: 0.45、0.5、1.0m/s
Max. lifting height: 60m
Noise level: < 66dB(A)
Torsional vibration: < 4.5mm/s
Horizontal and vertical vibrations: < 1.0mm/s
Brake voltage: DC110V for brake opening,
and DC55V for brake holding
Arrangement: only right side

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	额定梯速 Rated Speed (m/s)	额定载重 Rated Load (kg)	静态载重 Static Capacity (kg)	速比 Reduction Ratio	曳引比 Traction Ratio	曳引轮规格 Specification of Traction Sheave	槽距 Groove Spacing (mm)	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
YJ336	A-II	1.0	2000	9000	75:2	1:1	Ø760-5-16	25	YPTD180L1-6	18.5	977	380/50	37.1	1320	60
YJ336	A-III	0.5	5000	9000	75:2	2:1	Ø760-6-16	25	YPTD180L2-6	22.0	976	380/50	43.7	1320	60
YJ336	B-III	0.5	2000	9000	75:1	1:1	Ø760-5-16	25	YPTD160L1-6	11.0	967	380/50	22.9	1320	60
YJ336	B-IV	0.5	2500	9000	75:1	1:1	Ø760-6-16	25	YPTD180M-6	15.0	977	380/50	30.3	1320	60
YJ336	C-II	0.45	5000	9000	87:2	2:1	Ø760-6-16	25	YPTD180L1-6	18.5	977	380/50	37.1	1320	60
YJ336	A-IV	0.5	5000	12000	75:2	2:1	Ø760-7-16	25	YPTD180L3-6	26	970	380/50	50.7	1320	60

ET160

自动扶梯驱动主机

ESCALATOR DRIVING MACHINE

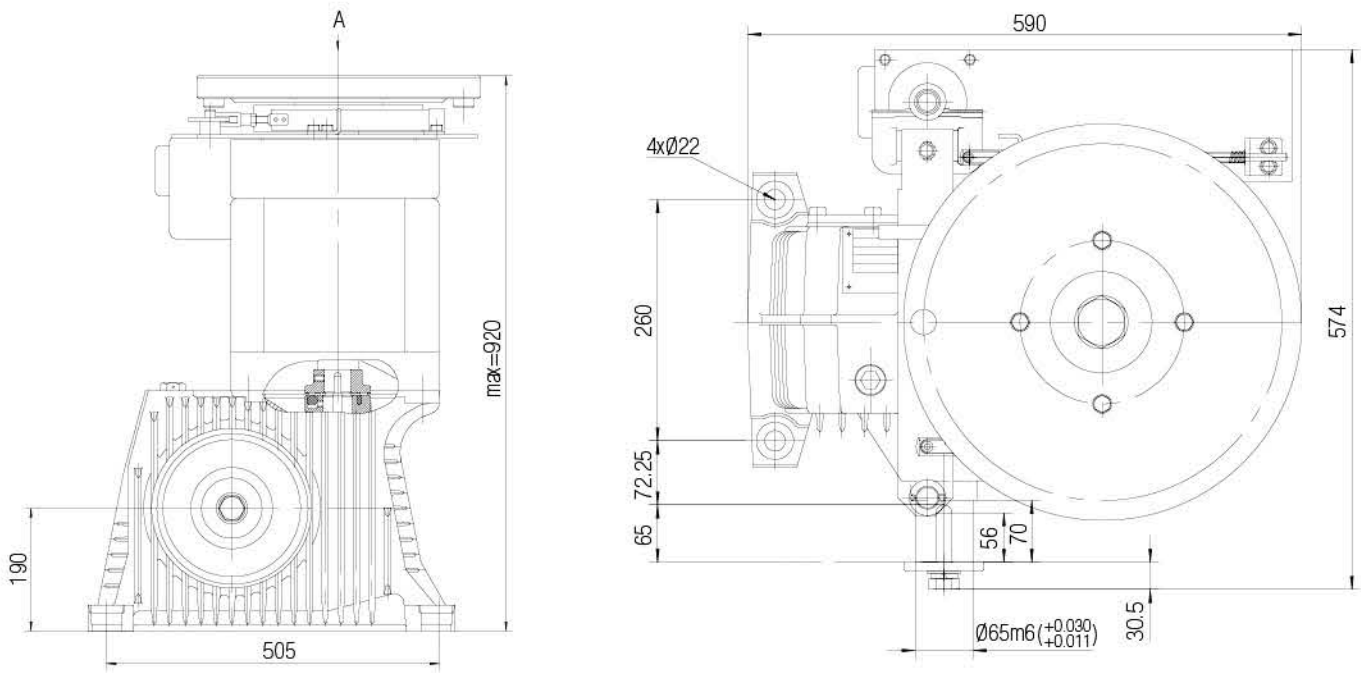


产品特点 Product Characteristics

产品自重: 430kg
噪音级别: <58dB(A)
扭转振动: <2.0mm/s
水平和垂直振动: <0.8~1.2mm/s
额定输出扭矩: 1072N·m~2925N·m
置式: 左置或右置 (此图为右置)

Deadweight: 430kg
Noise level: <58dB(A)
Torsional vibration: <2.0mm/s
Horizontal and vertical vibrations: <0.8~1.2mm/s
Rated output torque: 1072N·m~2925N·m
Arrangement: left side or right side
(The picture is for right side)

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	输出扭矩 Output Torque (N·m)	速比 Reduction Ratio	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	制动电压 Brake Voltage (V)
ET160	X	1072	2:49	YFT160S1-6	5.50	960	380/50	12.5	AC380
ET160	XI	1560	2:49	YFT160S2-6	8.00	960	380/50	18	AC380
ET160	XII	2145	2:49	YFT160M-6	11.0	960	380/50	25	AC380
ET160	XIV	2925	2:49	YFT160L-6	15.0	960	380/50	32.5	AC380

ET125

自动扶梯驱动主机

ESCALATOR DRIVING MACHINE

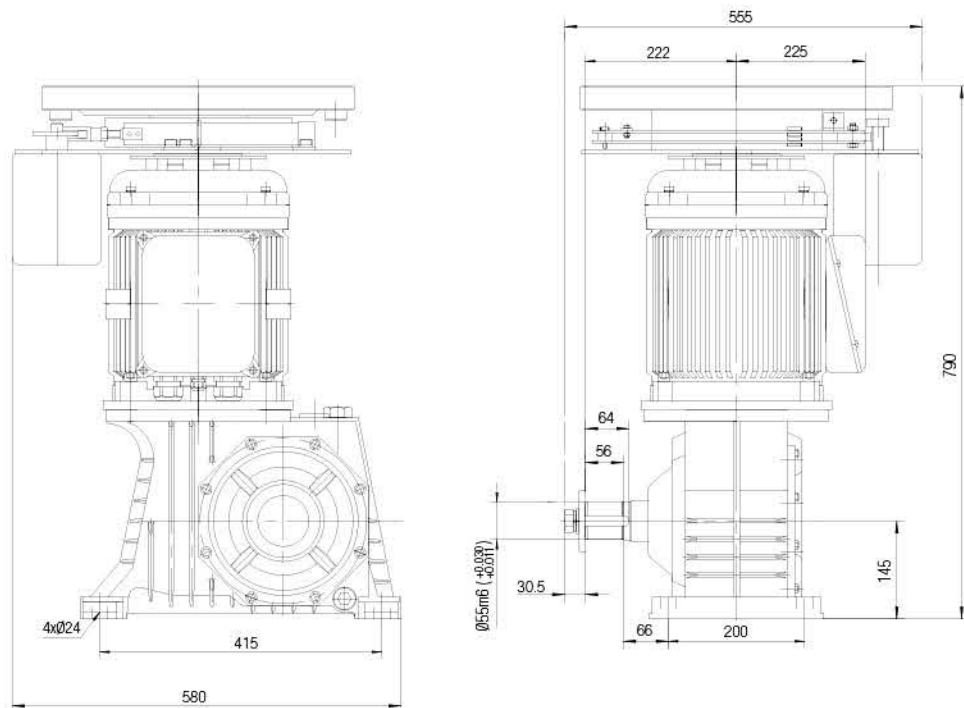


产品特点 Product Characteristics

产品自重: 320kg
 噪音级别: <57dB(A)
 扭转振动: <0.8~1.2mm/s
 水平和垂直振动: <0.8~1.2mm/s
 额定输出扭矩: 886N·m~1463N·m
 置式: 只有右置

Deadweight: 320kg
 Noise level: <57dB(A)
 Torsional vibration: <0.8~1.2mm/s
 Horizontal and vertical vibrations: <0.8~1.2mm/s
 Rated output torque: 886N·m~1463N·m
 Arrangement: only right side

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	输出扭矩 Output Torque (N·m)	速比 Reduction Ratio	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	制动电压 Brake Voltage (V)
ET125	X	886	49/2	YFT132-6	4	940	380/50	11	AC380
ET125	XI	1072	49/2	YFT132-6	5.5	940	380/50	15	AC380
ET125	XII	1462	49/2	YFT132-6	7.5	955	380/50	19	AC380

ET160-II

自动扶梯驱动主机

ESCALATOR DRIVING MACHINE

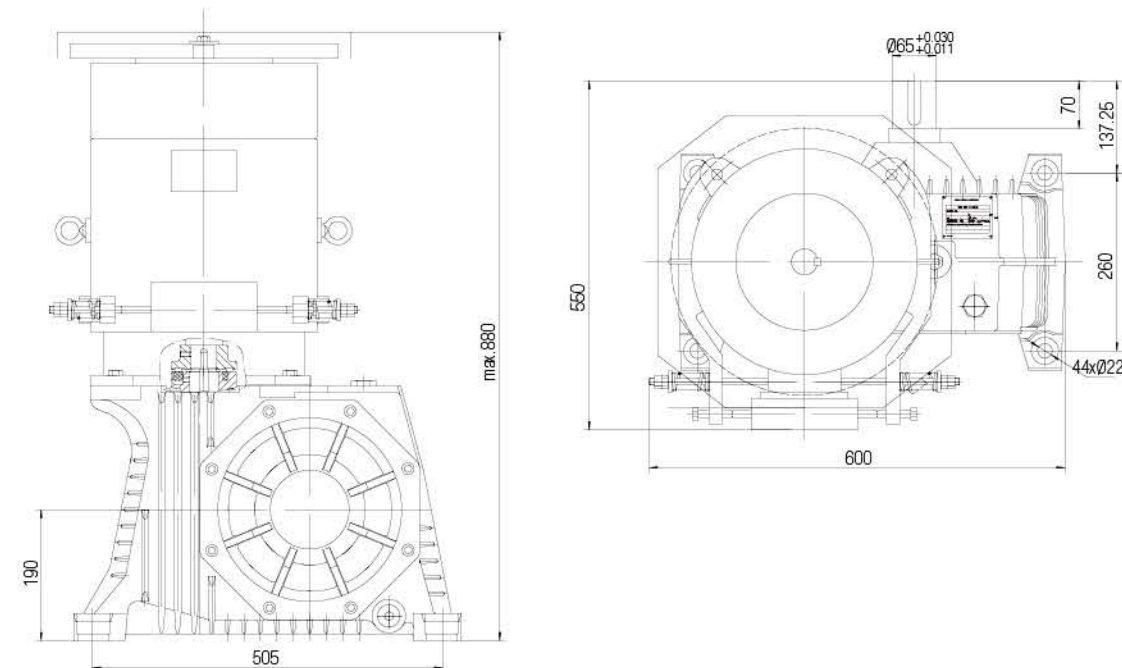


产品特点 Product Characteristics

产品自重: 430kg
 噪音级别: <58dB(A)
 扭转振动: <2.0mm/s
 水平和垂直振动: <0.8~1.2mm/s
 额定输出扭矩: 1072N·m~2925N·m
 置式: 左置或右置 (此图为右置)

Deadweight: 430kg
 Noise level: <58dB(A)
 Torsional vibration: <2.0mm/s
 Horizontal and vertical vibrations: <0.8~1.2mm/s
 Rated output torque: 1072N·m~2925N·m
 Arrangement: left side or right side
 (The picture is for right side)

外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	输出扭矩 Output Torque (N·m)	速比 Reduction Ratio	电机型号 Type of Motor	功率 Power (kw)	电机转速 Motor Speed (r/min)	电源 Power Source (V/Hz)	电流 Current (A)	制动电压 Brake Voltage (V)
ET160-II	X	1072	2 : 49	YFTII160S-6	5.50	960	380/50	13.8	AC220
ET160-II	XI	1560	2 : 49	YFTII160S1-6	8.00	960	380/50	18.5	AC220
ET160-II	XII	2145	2 : 49	YFTII160L1-6	11.0	960	380/50	24.5	AC220
ET160-II	XIV	2925	2 : 49	YFTII160L2-6	15.0	960	380/50	32.5	AC220

XD1416

对应 HB1202 中分式层门装置
Corresponding to HB1202 center opening landing door device

中分式门机装置

CENTER OPENING DOOR OPERATOR

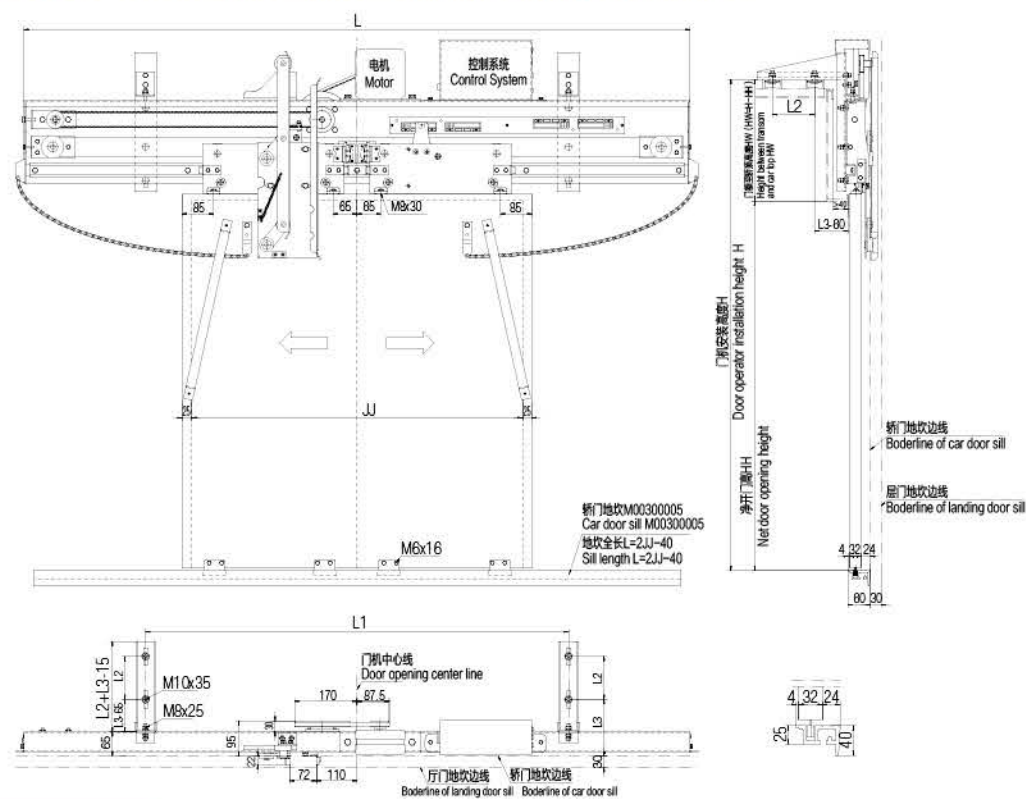


产品特点 Product Characteristics

门机采用轿顶安装方式，可选前壁安装
门机整体厚度（含轿顶固定支架）为95mm
三相异步电机驱动，交流变频控制
变频采用专用接口与电梯系统连接
异步门刀，同步带传动
可选配机械锁

Door operator adopts car top installation, front wall installation is optional
The overall thickness of door operator (including car top mounting bracket) is 95mm
Three phase asynchronous motor drive, AC variable frequency control
Special interface is connected with elevator system for variable frequency control
Asynchronous door vane, synchronous belt drive
Mechanical lock is optional

外形和安装尺寸 Overall dimensions and mounting dimensions



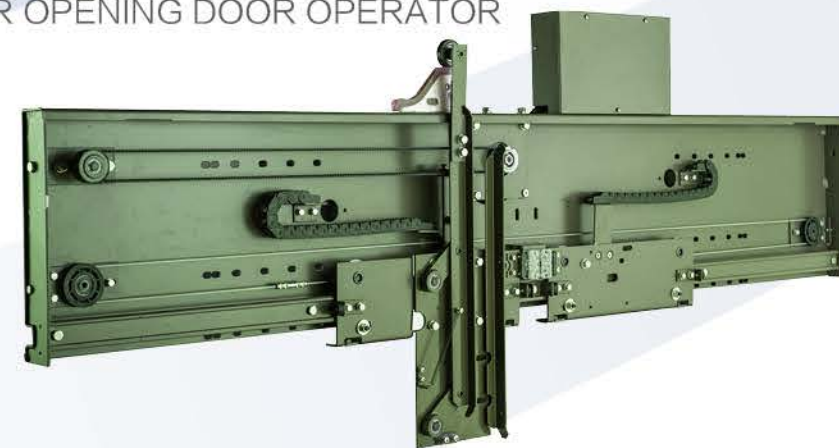
净开门宽 JJ Net door opening width JJ	600	700	800	900	1000	1100	1200
L	1210	1410	1610	1810	2010	2210	2410
L1	1050	1050	1050	1050	1150	1250	1350

XD1421

对应 HB1202 中分式层门装置
Corresponding to HB1202 center opening landing door device

中分式门机装置

CENTER OPENING DOOR OPERATOR

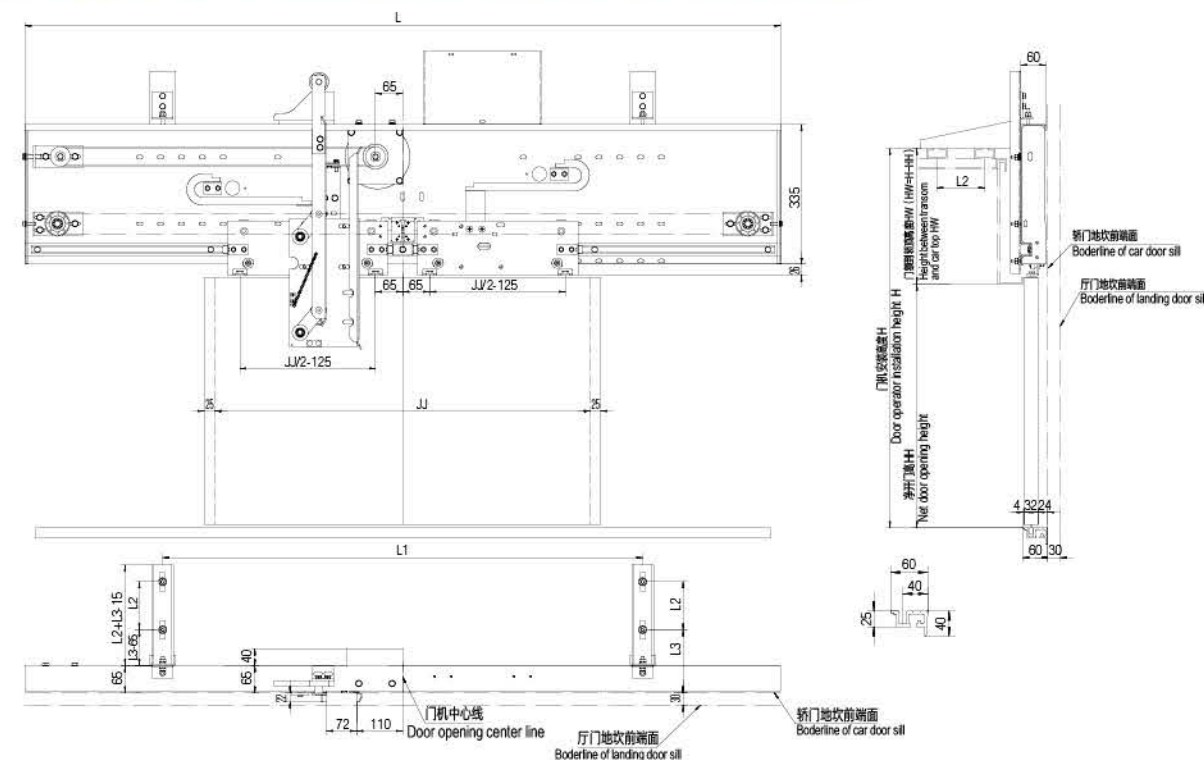


产品特点 Product Characteristics

永磁变频调压控制
工作电压AC220V
异步门刀，同步带传动
轿顶或前壁安装方式可选
全数字化闭环控制
可选配机械锁

Permanent magnet variable frequency and voltage regulation control
Operating voltage AC220V
Asynchronous door vane, synchronous belt drive
Car top or front wall installation optional
Fully digitized close-loop control
Mechanical lock is optional

外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	非标
L	1410	1610	1810	2010	2210	2410	L=2JJ+10

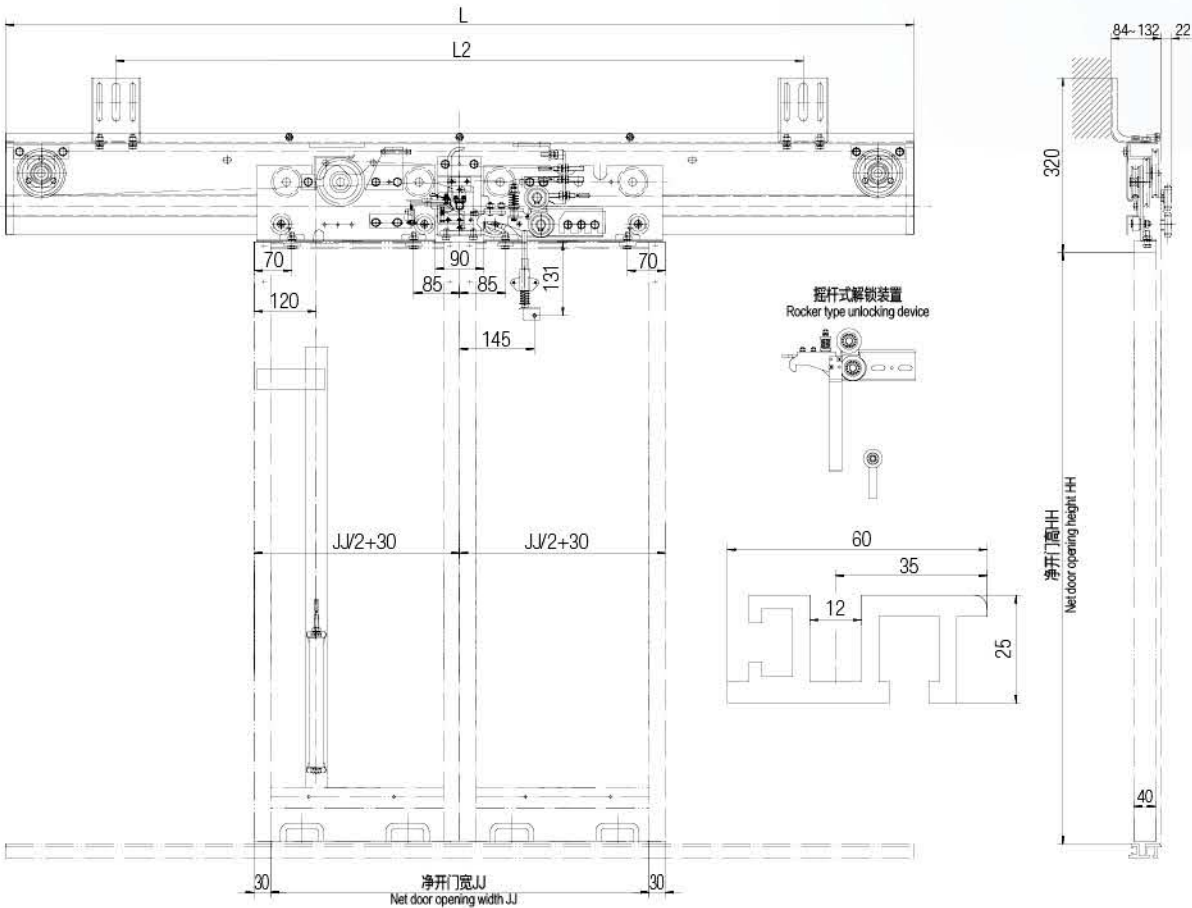
HB1202C

对应中分式门机装置
Corresponding to center opening door operator

中分式层门装置 CENTER OPENING LANDING DOOR DEVICE



外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	600	700	800	900	1000	1100	1200
L	1277	1477	1677	1877	2077	2277	2477
L2	980	1130	1280	1430	1580	1730	1880

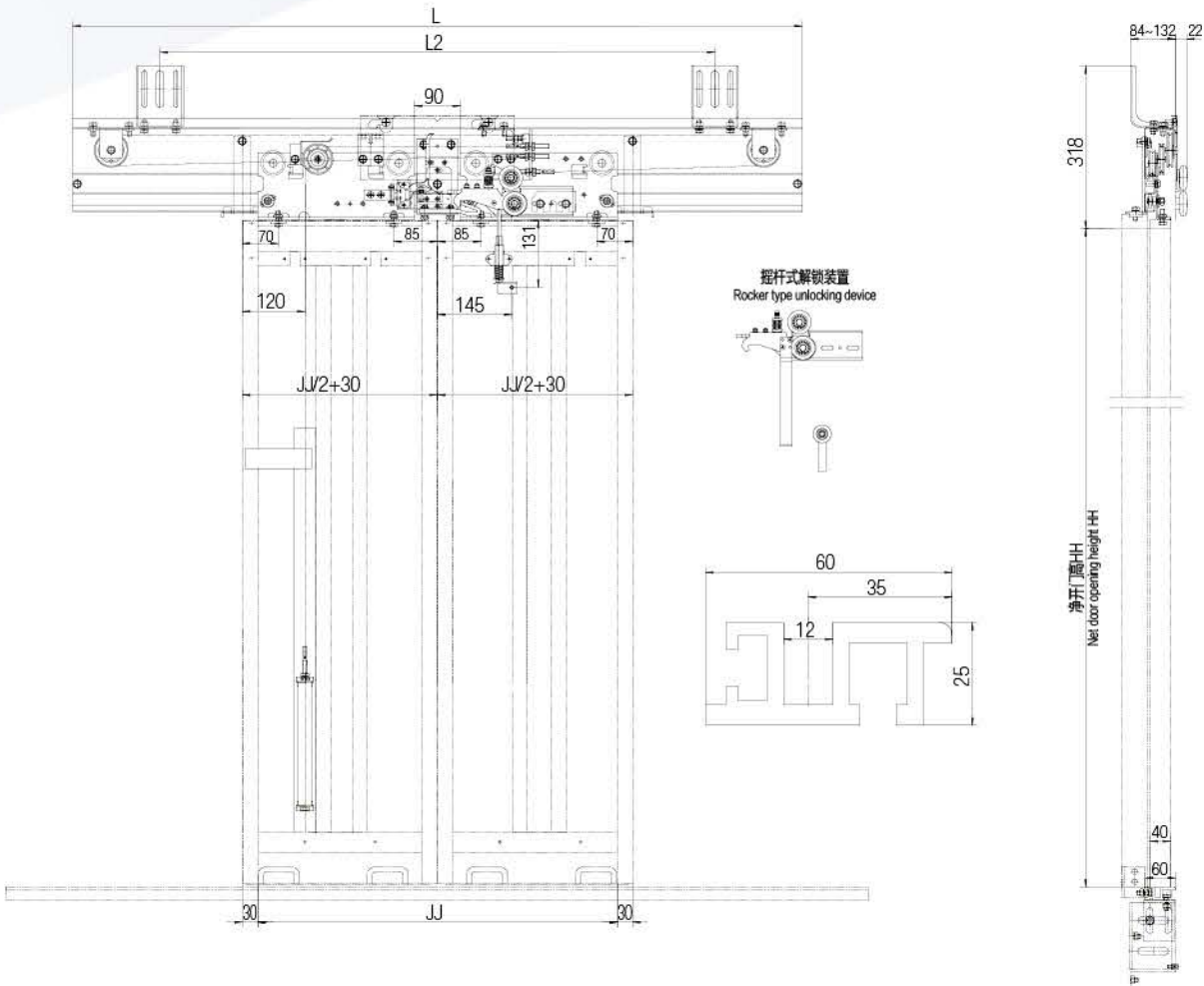
HB1202E

对应中分式门机装置
Corresponding to center opening door operator

中分式层门装置 CENTER OPENING LANDING DOOR DEVICE



外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	600	700	800	900	1000	1100	1200
L	1220	1420	1620	1820	2020	2220	2420
L2	980	1130	1280	1430	1580	1730	1880

XD1407A

对应 XD1207 双折式层门装置
Corresponding to XD1207 two-speed landing door device

双折式门机装置

TWO-SPEED DOOR OPERATOR



产品特点 Product Characteristics

交流变频调压控制

变频采用专用接口与电梯系统连接

变频方式工作电压AC 220V

轿门锁功能

直接安装在轿厢直梁上

图示为左开门，右开门对称制作

“C”为直梁内侧与快门边线的距离

AC variable frequency and voltage regulation control

Special interface is connected with elevator system for variable frequency control

Operating voltage in variable frequency mode: AC 220V

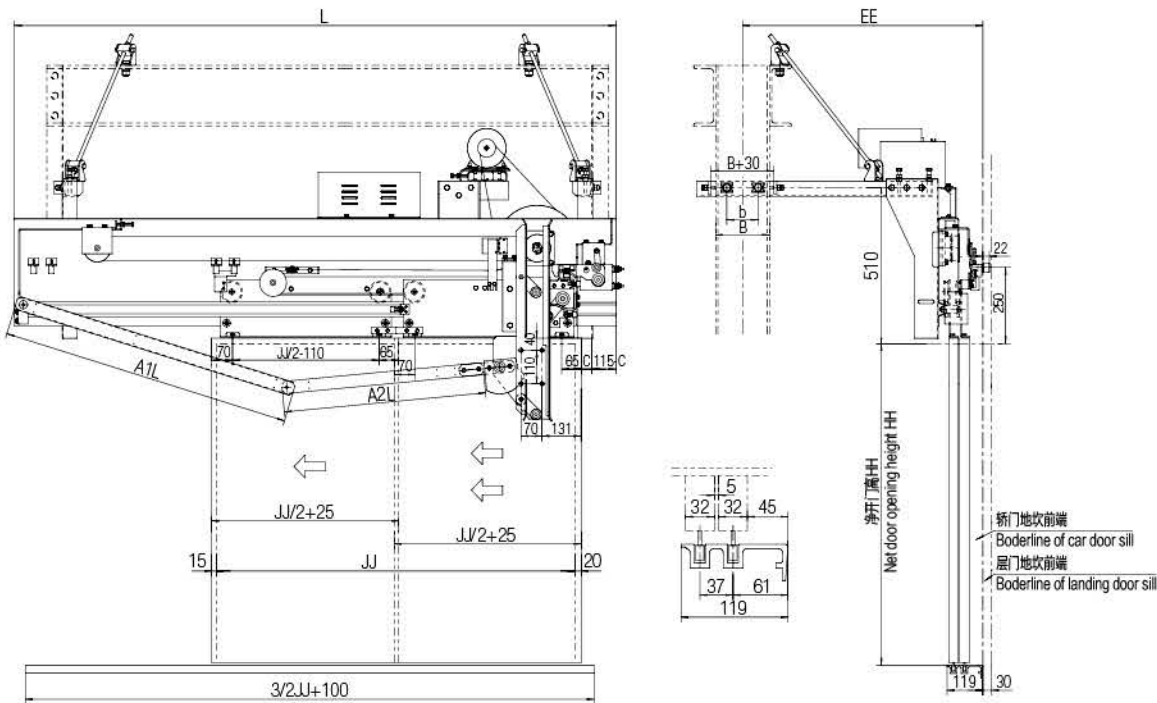
Car door lock function

Directly mounted on straight beam of the car

The figure indicates left opening, and the right opening is manufactured symmetrically

“C” is the distance between the inside of straight beam and fast-door borderline

外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1260	1410	1560	1710	1860	2010	2160	2310	2460	2610	2760	2910
JJ/2+25	375	425	475	525	575	625	675	725	775	825	875	925
JJ/2-110	240	290	340	390	440	490	540	590	640	690	740	790
A1L	600	675	748	823	897	970	1045	1118	1191	1266	1341	1415
A2L	305	378	451	525	600	675	749	824	898	972	1045	1120

XD1207

对应 XD1407A 双折式门机装置
Corresponding to XD1407A two-speed door operator

双折式层门装置

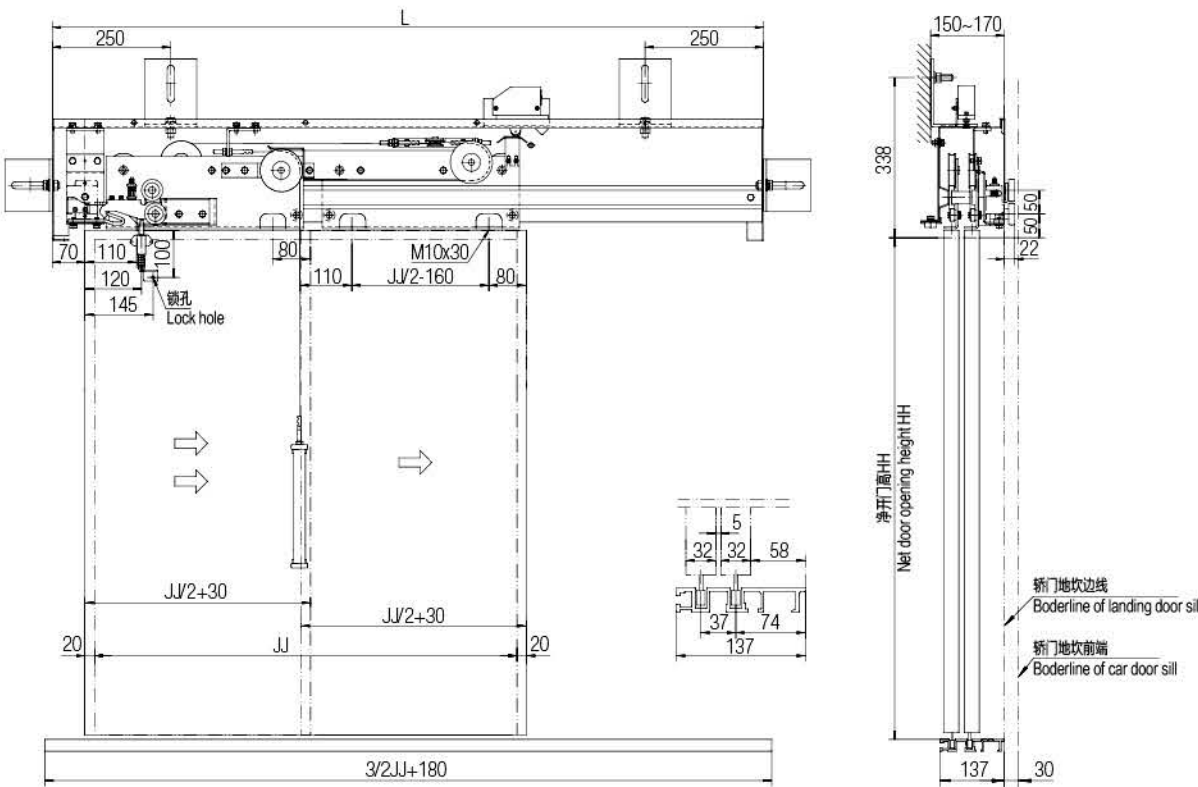
TWO-SPEED LANDING DOOR DEVICE



图示为左开门，右开门对称制作

The door shown in the figure is left opening and the right opening is manufactured symmetrically.

外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1217	1367	1517	1667	1817	1967	2117	2267	2417	2567	2717	2867

XD1407B

对应 XD1207B 双折式层门装置
Corresponding to XD1207B two-speed landing door device

双折式门机装置

TWO-SPEED DOOR OPERATOR



产品特点 Product Characteristics

交流变频调压控制

AC variable frequency and voltage regulation control

变频采用专用接口与电梯系统连接

Special interface is connected with elevator system for variable frequency control

变频方式工作电压AC 220V

Operating voltage in variable frequency mode: AC 220V

轿门锁功能

Car door lock function

直接安装在轿厢直梁上，可选轿顶安装

Directly mounted on straight beam of car, installation is optional

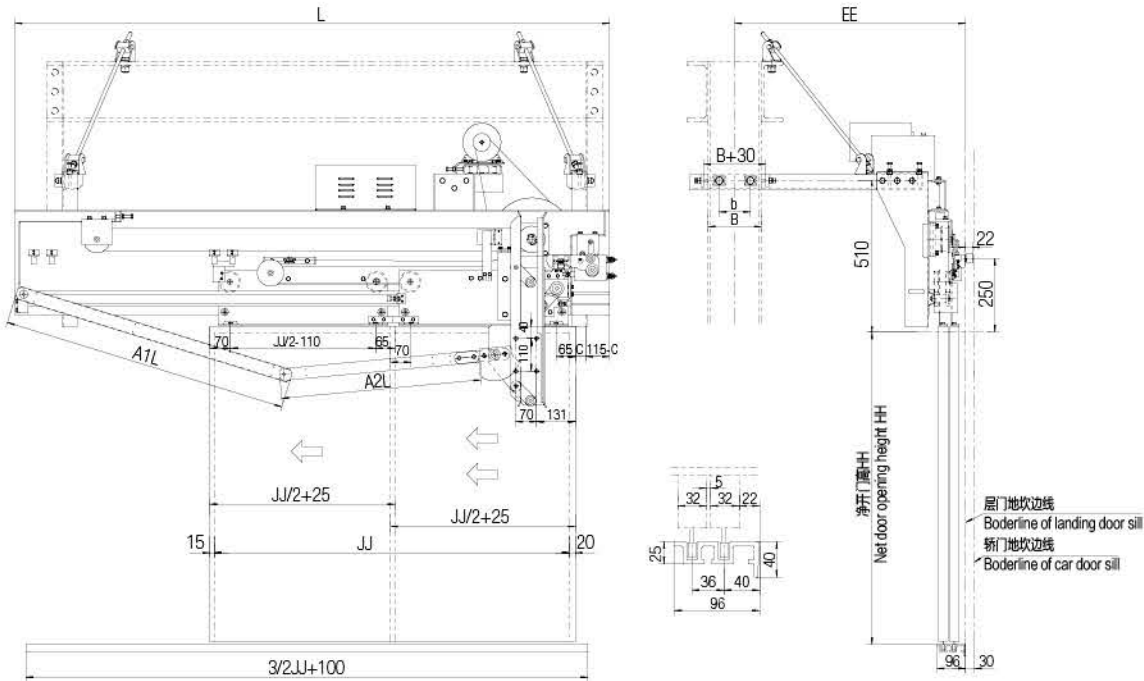
图示为左开门，右开门对称制作

The figure indicates left opening, and the right opening is manufactured symmetrically

“C”为直梁内侧与快门边线的距离

“C” is the distance between the inside of straight beam and fast door borderline

外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1260	1410	1560	1710	1860	2010	2160	2310	2460	2610	2760	2910
JJ/2+25	375	425	475	525	575	625	675	725	775	825	875	925
JJ/2-110	240	290	340	390	440	490	540	590	640	690	740	790
A1L	600	675	748	823	897	970	1045	1118	1191	1266	1341	1415
A2L	305	378	451	525	600	675	749	824	898	972	1045	1120

XD1207B

对应 XD1407B 双折式层门装置
Corresponding to XD1407B two-speed door operator

双折式层门装置

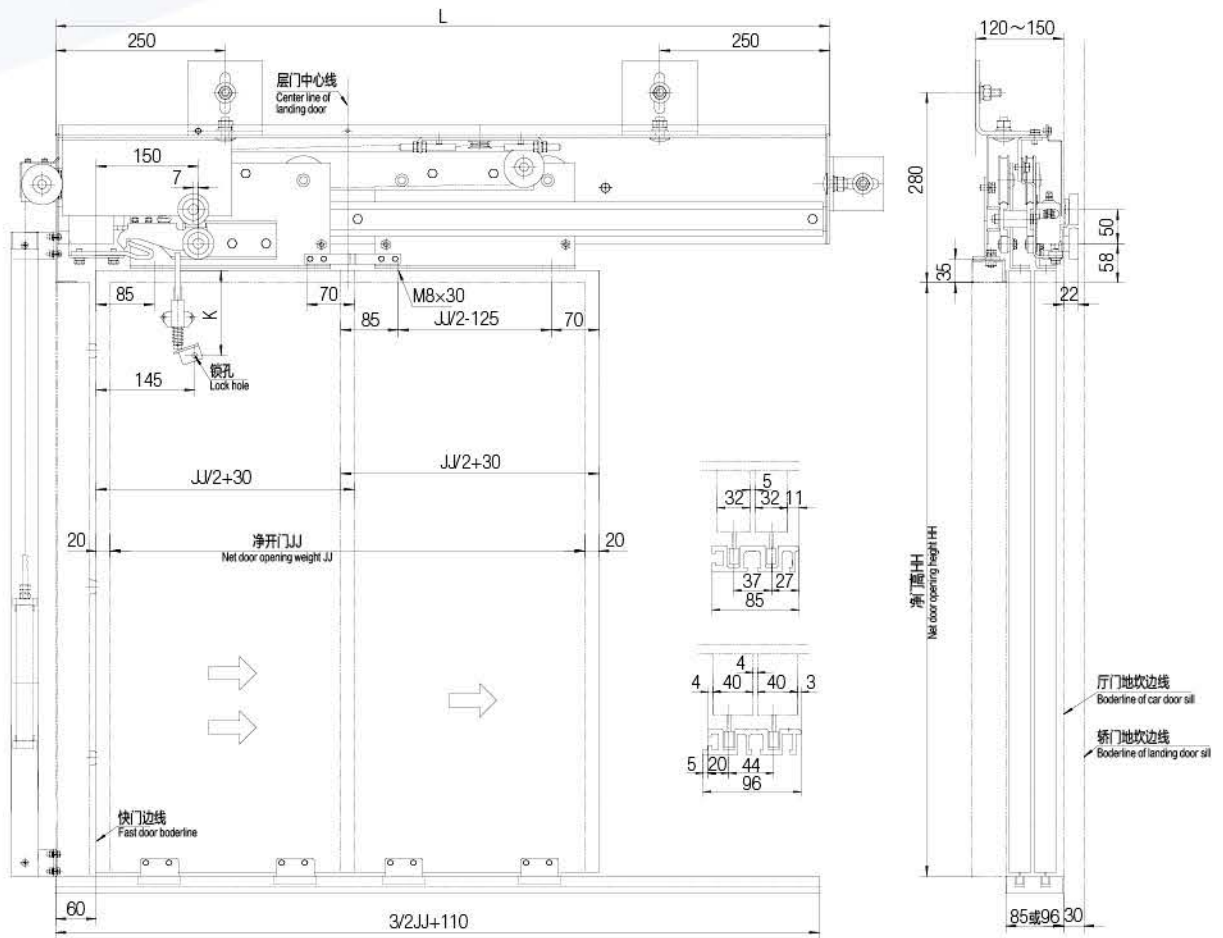
TWO-SPEED LANDING DOOR DEVICE



图示为左开门，右开门对称制作

The door shown in the figure is left opening and the right opening is manufactured symmetrically.

外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1140	1290	1440	1590	1740	1890	2040	2190	2340	2490	2640	2790
JJ/2+30	380	430	480	530	580	630	680	730	780	830	880	930
JJ/2-125	225	275	325	375	425	475	525	575	625	675	725	775

HA1401A

对应 HB1201B 双折式层门装置
Corresponding to HB1201B two-speed landing door device

双折式门机装置

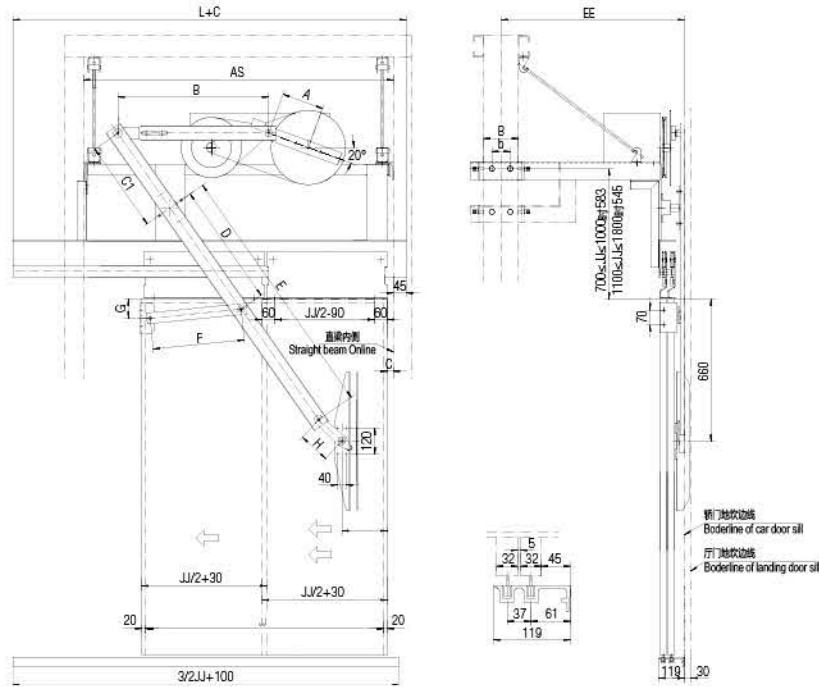
TWO-SPEED DOOR OPERATOR



产品特点 Product Characteristics

- 交流变频控制
变频采用专用接口与电梯系统连接
变频方式工作电压AC 220V
轿门锁功能
直接安装在轿厢直梁上
图示为左开门，右开门对称制作
“C”为直梁内侧与快门边线的距离
- AC variable frequency control
Special interface is connected with elevator system for variable frequency
Operating voltage in variable frequency mode: AC 220V
Car door lock function
Directly mounted on the straight beam of car
The door shown in the figure is left opening and the right opening is manufactured symmetrically.
“C” is the distance between the inside of straight beam and fast door borderline

外形和安装尺寸 Overall dimensions and mounting dimensions



净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1190	1340	1490	1640	1790	1940	2090	2240	2390	2540	2690	2840
A	117	134	151	165	180	197	213	225	241	256	268	284
B	595	578	577	577	579	755	754	756	755	756	788	788
C1	350	350	350	350	350	360	360	370	370	380	390	390
D	570	570	570	580	580	590	590	618	618	625	658	658
E	1163	1163	1163	1190	1190	1223	1223	1280	1280	1308	1366.5	1366.5
F	104	302	302	290	390	363	463	472	571	650	655	755
G	90	88	88	84	87	83	89	83	84	86	84	84
H	145	145	145	220	210	290	290	330	330	330	370	370

HB1201B

对应 HA1401A 双折式门机装置
Corresponding to HA1401A two-speed door operator

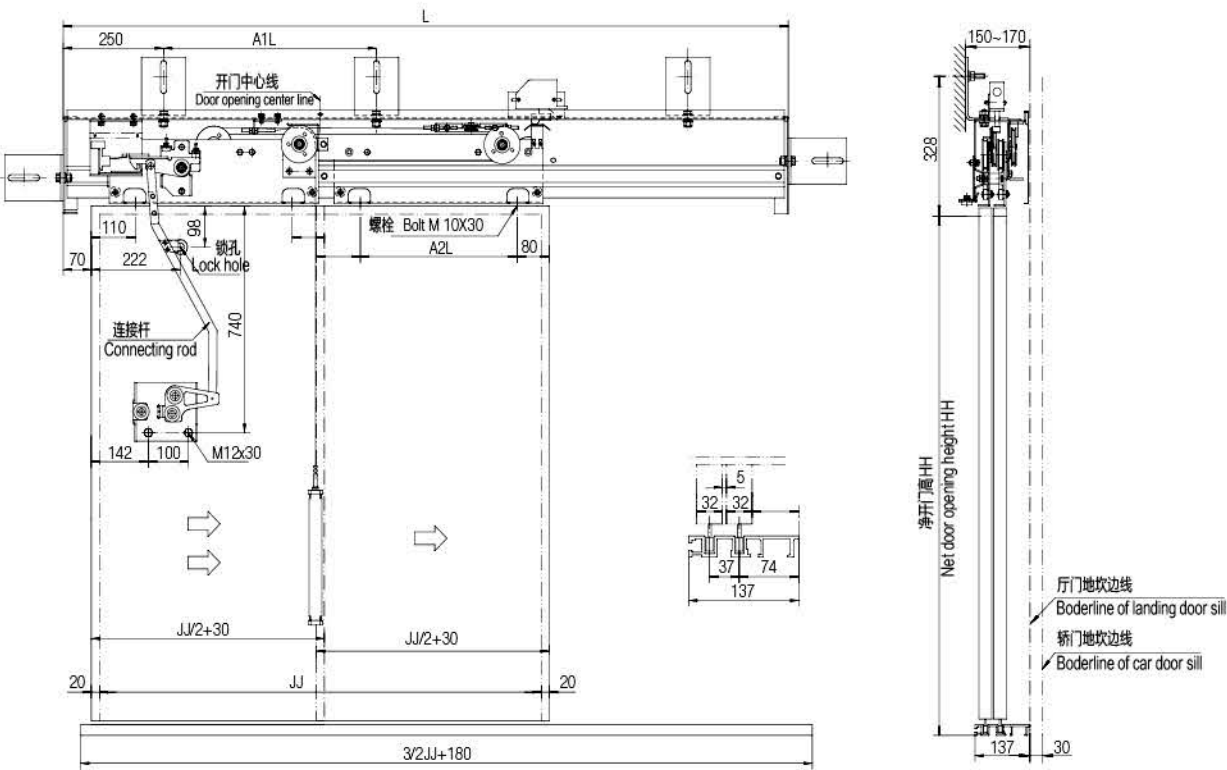
双折式层门装置

TWO-SPEED LANDING DOOR DEVICE



图示为左开门，右开门对称制作
The door shown in the figure is left opening and the right opening is manufactured symmetrically.

外形和安装尺寸 Overall dimensions and mounting dimensions



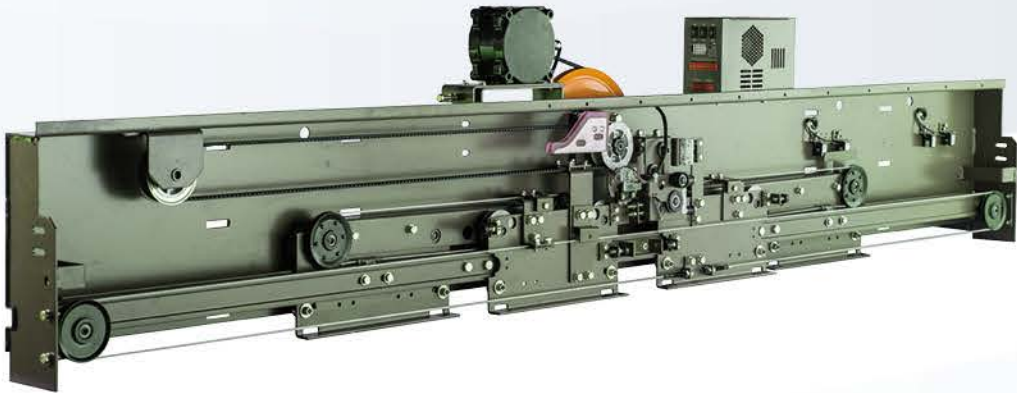
净开门宽 JJ Net door opening width JJ	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L	1205	1355	1505	1655	1805	1955	2105	2255	2405	2555	2705	2855
A1L	330	380	430	480	530	580	630	680	730	780	830	880
A2L	190	240	290	340	390	440	490	540	590	640	690	740

XD1419

对应 XD1219 双折中分式层门装置
Corresponding to XD1219 two-speed center opening landing door device

双折中分式门机装置

TWO-SPEED CENTER OPENING DOOR OPERATOR



产品特点 Product Characteristics

- 交流变频控制，工作电压AC220V

同步带传动，异步门刀

轿门锁功能

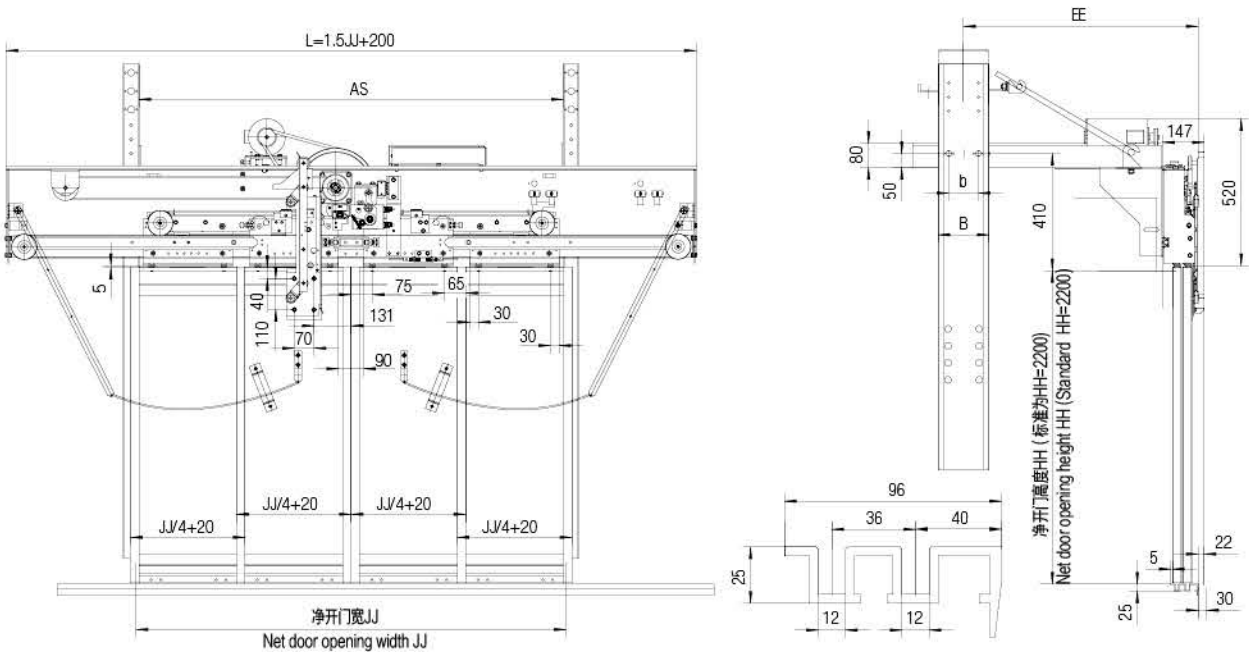
直接安装于轿厢直梁上，可选轿顶安装
- AC variable frequency control, operating voltage is AC220V

Synchronous belt drive and asynchronous door vane

Car door lock function

Directly mounted on straight beam of car, car top installation is optional

外形和安装尺寸 Overall dimensions and mounting dimensions



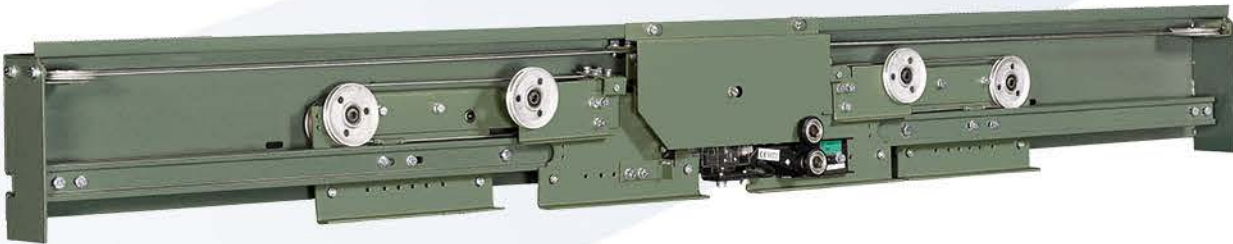
净开门宽 JJ Net door opening width JJ	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
L	2000	2150	2300	2450	2600	2750	2900	3050	3200	3350	3500	3650	3800	3950	4100	4250	4400	4550	4700

XD1219

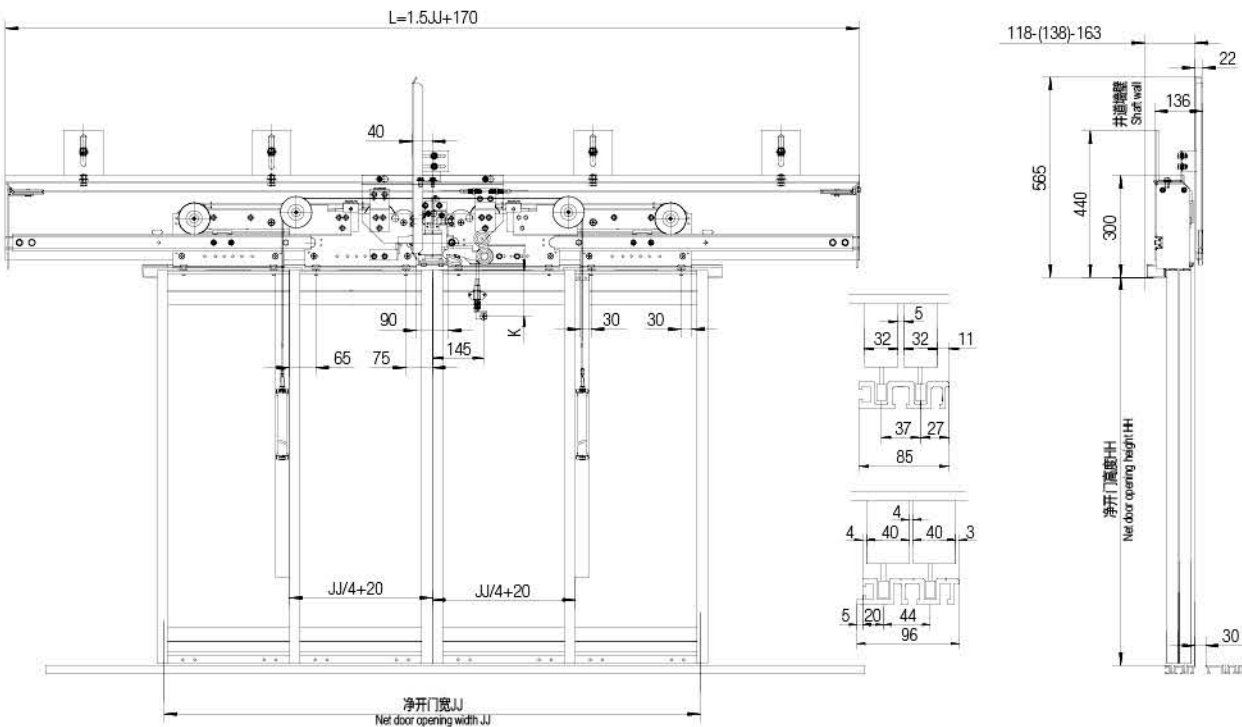
对应 XD1419 双折中分式门机装置
Corresponding to XD1419 two-speed center opening door operator

双折中分式层门装置

TWO-SPEED CENTER OPENING LANDING DOOR DEVICE



外形和安装尺寸 Overall dimensions and mounting dimensions



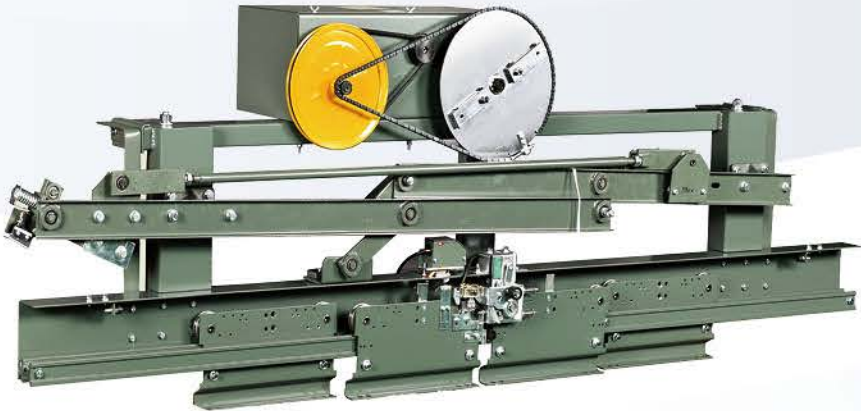
净开门宽 JJ Net door opening width JJ	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
L	1970	2120	2270	2420	2570	2720	2870	3020	3170	3320	3470	3620	3770	3920	4070	4220	4370	4520	4670

HA1403A

对应 HB1203C 双折中分式层门装置
Corresponding to HB1203C two-speed center opening landing door device

双折中分式门机装置

TWO-SPEED CENTER OPENING DOOR OPERATOR

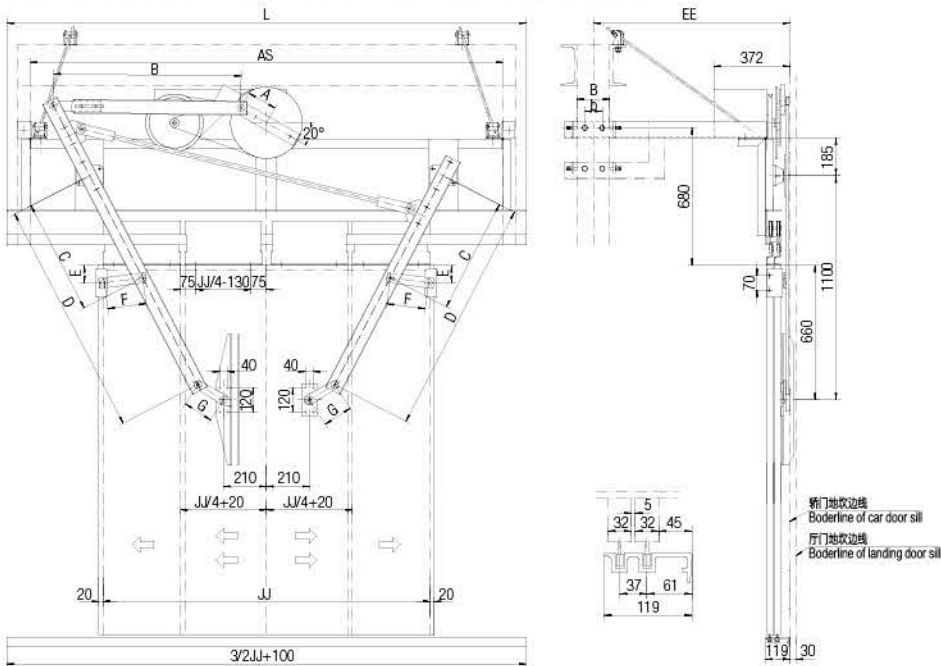


产品特点 Product Characteristics

交流变频控制
变频采用专用接口与电梯系统连接
变频方式工作电压AC 220V
轿门锁功能
直接安装在轿厢直梁上

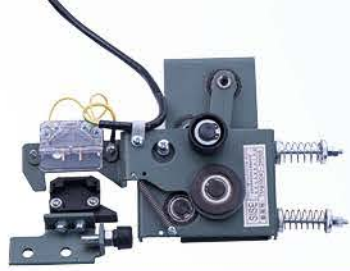
AC variable frequency control
Special interface is connected with elevator system for variable frequency
Operating voltage in variable frequency mode: AC 220V
Door lock function
Directly mounted on the straight beam of car

外形和安装尺寸 Overall dimensions and mounting dimensions



门系统主要配件

MAIN ACCESSORIES OF DOOR SYSTEM

			
名称: 层门开关 图号: W0006128BL	名称: TNG-012 光电开关 图号: TNG-012	名称: DS121 行程开关 图号: DS121	名称: DS131 门开关组件 图号: DS131
			
名称: 双稳态磁开关 图号: MKA50202-1	名称: PB507 防扒门装置 图号: M16300000	名称: PB307 轿门锁装置 图号: PB307A/B/C/D	
			
名称: 161B 门锁 图号: T00616161(2)	名称: 161 门锁 图号: T00616161(3)		
			
名称: XD1406 门刀装置 图号: M07500000	名称: XD1407 门刀装置 图号: M08500000	名称: XD1416 门刀装置 图号: M16200000	名称: XD1419 异步门刀 图号: M19500011

			
名称: LB20GMD 欣达变频器 图号: LB20GMD	名称: YBP90-6F1 三相异步电动机 图号: YBP90-6F1	名称: YVP71-6/110 三相异步电动机 图号: YVP71-6	名称: c 56 上挂轮 图号: T02300007
			
名称: c 60 钢丝绳滑轮 图号: M0000106	名称: c 72 上挂轮 图号: M0000047	名称: c 90 钢丝绳滑轮 图号: M0000104	名称: 5M 驱动带轮 图号: M11131004
			
名称: STS 主动带轮 图号: M07200005	名称: STS 被动带轮 图号: M07200027	名称: 大链轮 图号: M01300009	名称: V 型皮带轮组件 图号: M07200008
			
名称: 带链轮皮带轮组件 图号: M01300007	名称: 5M 从动轮组件 图号: M16132000	名称: 滑轮组件 图号: M08200003	