

- 华南办事处
电话: 13940069968
South China office
Tel: 13940069968
- 华东办事处
电话: 18602456256
East China office
Tel: 18602456256
- 德州办事处
电话: 13940437228
Dezhou office
Tel: 13940437228
- 外贸部
电话: 86-024-23780807-717, 86-024-83786420
邮箱: zhangruiyan@sylg.cn
FOREIGN TRADE CENTER
Tel: 86-024-23780807-717, 86-024-83786420
E-mail: zhangruiyan@sylg.cn

SHENYANG BLUELIGHT

沈阳蓝光，伴你飞翔
DRIVE THE FUTURE



[HTTP://WWW.SYLG.CN](http://www.sylg.cn)

2020年8月修订

Revised August 2020

样本信息仅供参考

Sample Information For Reference Only

沈阳蓝光驱动技术有限公司

电话: 024-83863349

地址: 沈阳市浑南新区世纪路 37 号

邮编: 110179

Shenyang BlueLight Drive Technology Co., Ltd.

TEL: 024-83863349

ADD: No. 37 Shiji Road, Hunnan New District,

Shenyang, China ZIP: 110179



沈阳蓝光驱动技术有限公司
Shenyang BlueLight Drive Technology Co., Ltd.

公司简介

- 沈阳蓝光集团成立于1989年，是专业从事电梯控制系统和永磁同步无齿轮电梯曳引机开发、生产的高科技企业。是中国电梯协会理事单位、ISO9001认证企业。
- 沈阳蓝光驱动技术有限公司在佛山及苏州均建有生产基地，其中佛山厂区5千平方米，年产2万台；苏州厂区1万平方米，年产3万台。
- 沈阳蓝光从1998年开始永磁同步无齿轮电梯曳引机产品的研制开发工作，组成了由两名电机学博士为主的课题组，投入大量人力、物力，先后同国内高校和国外知名企业开展技术合作，于2000年10月研制成功首台永磁同步无齿轮电梯曳引机并投入试运行。此后又经过多次重大技术、工艺改进，于2001年7月率先在国内通过国家电梯质量检测中心检验，并取得认证证书，产品投入批量生产。沈阳蓝光获得了永磁同步无齿轮电梯曳引机多项国家专利，拥有该项产品技术的全部自主知识产权。
- 到目前为止，蓝光集团生产的永磁同步无齿轮电梯曳引机产品在全国各地被广泛使用，部分产品远销到欧洲、美洲、韩国、日本、台湾、中东、东南亚等国家和地区。由于蓝光曳引机具有运行噪音低、振动小、运行舒适平稳等特点，深受广大电梯制造厂商的青睐。



沈阳总部
Shenyang Head Quarters



苏州工厂
Suzhou Plant



佛山工厂
Foshan Plant



抚顺工厂
Fushun Plant



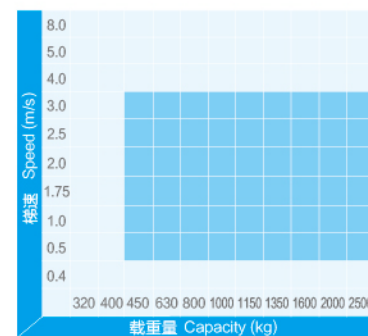
浙江工厂
Zhejiang Plant

About us

- Established in 1989, BlueLight is a leading manufacturer of elevator control systems and gearless permanent magnet synchronous machines. It is member of China Elevator Association and an enterprise certified by ISO9001.
- Shenyang BlueLight has also built production base in Foshan and Suzhou area. Foshan factory has floor space of 5,000 m² with annual production capacity 20,000 units. Suzhou factory has floor space of 10,000 m² with annual production capacity 30,000 units.
- From 1998, Shenyang BlueLight started development of gearless permanent magnet synchronous machines. With a R&D team leading by two doctors experts in motor, BlueLight cooperated constantly with domestic universities, overseas well-known companies for exchange of technology and successfully developed the first gearless permanent magnet synchronous machines in October, 2000. After several technical improvements, BlueLight passed the national EMC testing in July, 2001 and successfully obtained certification. Meanwhile, the machines had been launched into mass production. Shenyang BlueLight has granted several patents of gearless permanent magnet synchronous machines and owned all the knowledge property rights.
- Nowadays, BlueLight gearless machines are widely used in China and some of the products have been sold to Europe, America, Korea, Japan, Taiwan, Middle East, Southeast Asia etc. Relying on the excellent characteristics such as low noise, low vibration, smooth and comfortable running etc., BlueLight gearless machines are being recognized by more and more elevator manufacturers.

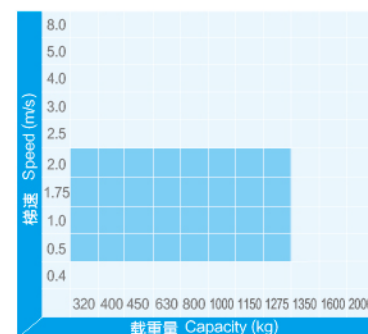
● WYT-T 永磁同步曳引机
WYT-T PM TRACTION MACHINE

----- 01/06



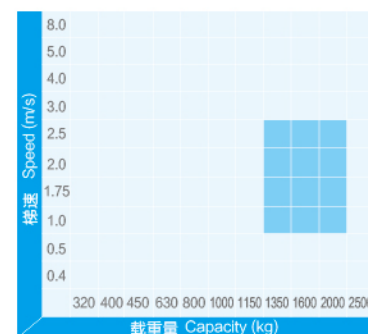
● WYT-L 永磁同步曳引机
WYT-L PM TRACTION MACHINE

----- 07/10



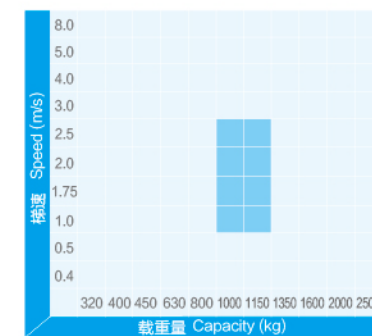
● WYT-U 永磁同步曳引机
WYT-U PM TRACTION MACHINE

----- 11/12



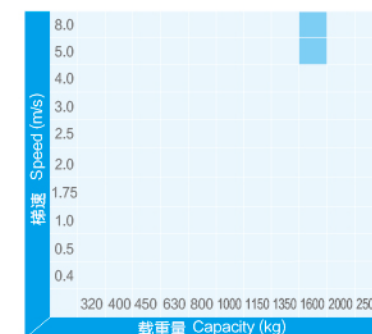
● WYT-V 永磁同步曳引机(1:1悬挂比)
WYT-V PM TRACTION MACHINE(1:1 ROPING)

----- 13/14



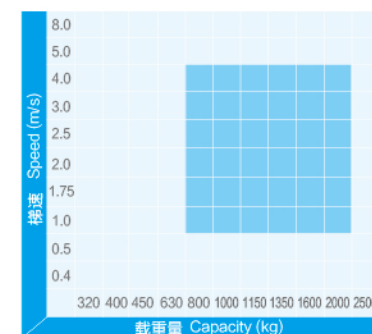
● WYT-H 永磁同步曳引机
WYT-H PM TRACTION MACHINE

----- 15/16



● WYT-Y 永磁同步曳引机
WYT-Y PM TRACTION MACHINE

----- 17/19



曳引机选型表

MACHINE TYPE RECOMMENDATION TABLE

WYT-T

永磁同步曳引机

PM Traction Machine

WYT-T系列是我司主力推出的经典款外转子永磁同步曳引机。此系列经过10余年的不断改善，产品质量非常稳定，性能指标国内领先，产品覆盖范围极广，成为现在高性能电梯的首选产品。

WYT-T series outer rotor PMS machine is Bluelight's most popular product. After 10 years of continuous improvement, this series product has high quality standard, with superior performance, and can cover wide range of elevator application. It is your first choice for high performance elevator.

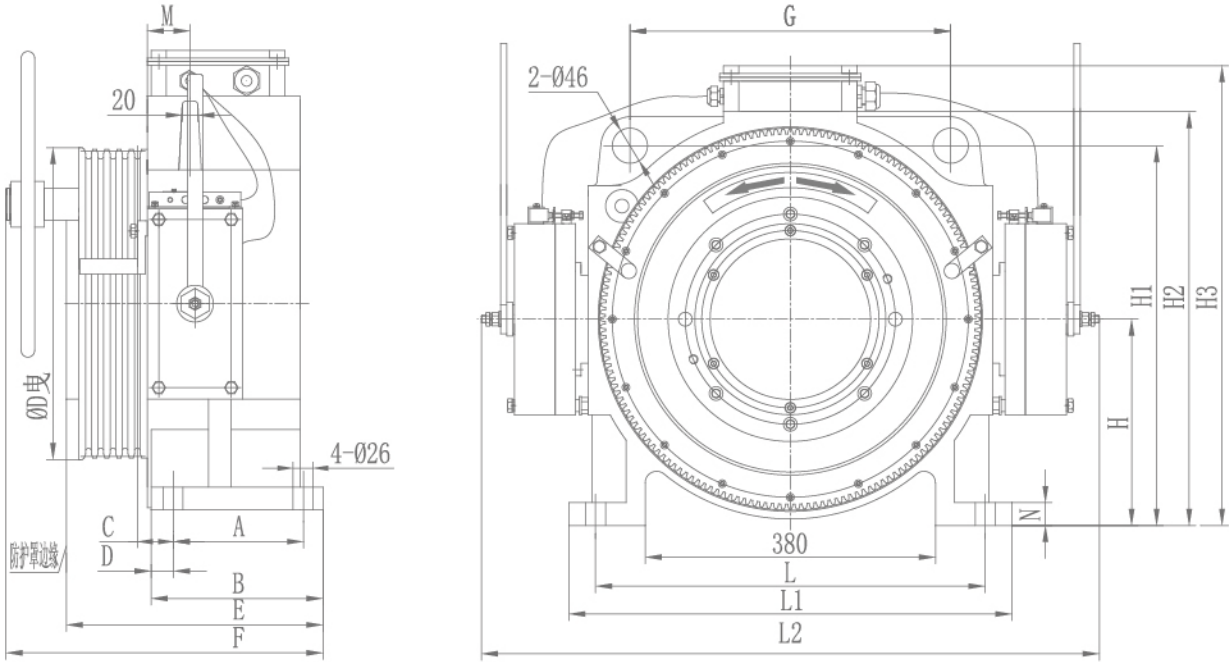


主机技术参数 (Parameter of Traction Machine)

额定电压 (Voltage) : AC380V
悬挂比 (Roping) : 2: 1
钢丝绳绕法 (Wrap) : 单绕 (Single)
额定载重量 (Capacity) : 450kg ~ 2500kg
轿厢速度 (Speed) : 1.0m/s ~ 2.5m/s
防护等级 (Protection Grade) : IP41
绝缘等级 (Ins. Class) : F
曳引机极数(Traction machine pole): 30
启动频次(次/小时, Stars per hour): 240
工作制(Rating): S5-40%

特点 (Features)

- 合理的机械结构设计，轴负荷大，运行安全系数高；
 - 高效率、高转矩密度设计，优化的极槽配合；
 - 主机运行平稳，噪音低，振动小；
 - 轿厢速度、载重量覆盖广；
 - 采用无闸臂块式制动器，响应快，可靠性高。
- Optimized mechanical structure design, high shaft load, high operating safety factor;
High efficiency, high torque density design and optimized pole slot coordination;
Machine run smoothly, with low noise & small vibration;
This series covers wide range of elevator speed & capacity.
Use block type armless brake, it has fast response time & high reliability.



外观尺寸图 | Outline drawing

制动器技术参数 (Parameter of Brake)

型号 (Model) : BLB 绝缘等级 (Ins.Class) : F 额定电压 (Voltage) : DC110V
额定电流 (Current) :

系列 Series	型号 Model	梯速(m/s) Speed	载重代号 Capacity code	额定电流 Current
WYT-T	D	1.0~2.0	NA, A, NB, B, NAS,AS, NBS,BS, NCS, CS, DS(450kg~1000kg)	1.1A
			NC, C, CL, D, DL, E (630kg~1150kg)	1.3A
		1.0~2.5	NC, C, CL, D, DL, E, EL(800kg~1150kg)	1.6A
			F, FL, G, GL, H (1275kg~1600kg)	1.6A
	E	1.0~2.0	C, D, E, F(1275kg~2000kg)	1.6A
		1.0~2.5	CL, DL, EL(1275kg~1600kg)	1.6A
		1.0~2.5	FL(2000kg)	1.98A
		1.0~2.0	G(2500kg)	1.98A

WYT-T外转子高性能系列

推荐提升高度(Height): $\leq 120\text{m}$

[illegible]

WYT-T外转子大载重系列 WYT-T Outer Rotor Heavy Load Series

推荐提升高度(Height): $\leq 120\text{m}$

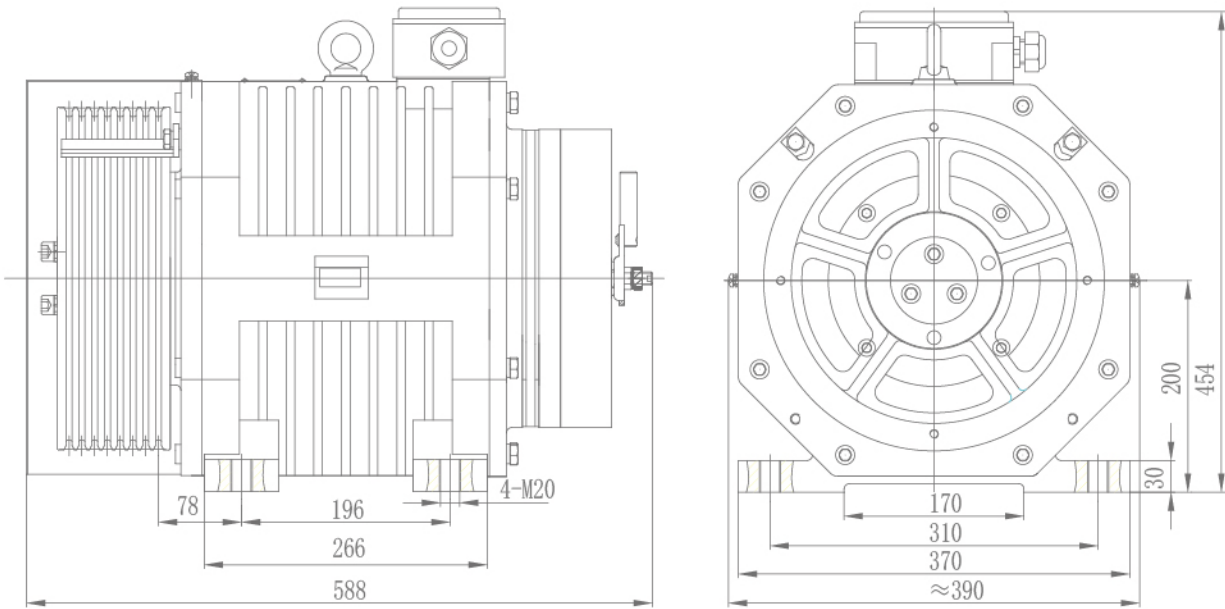
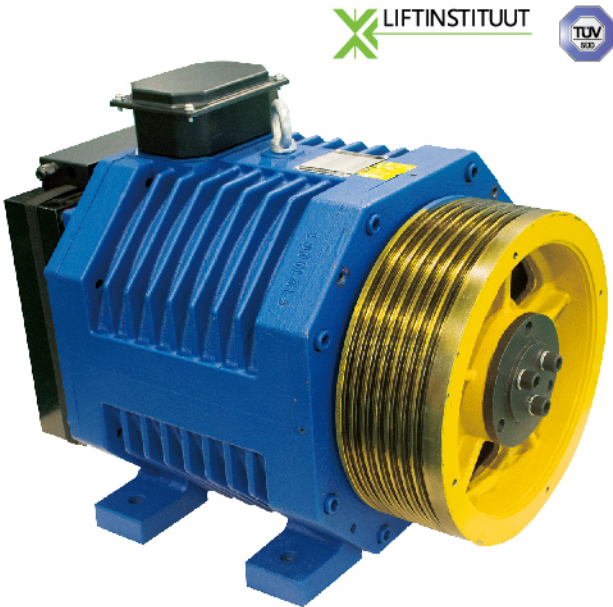
系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴 负载 Shaft Load (kg)	主机重量 Weight (kg)	安装尺寸 Dimension(mm)															
																A	B	C	D	E	F	G	H	H1	H2	H3	L	L1	L2	M	N
WYT-T	E1.0C	1275	1.0	φ 400	8	φ 10	16	18	96	24	8.2	820	2	6500	≈640	170	250	59	40	433	505										
	E1.5C		1.5					28.1	144	36	12.4																				
	E1.6C		1.6					28.5	153	38.3	13.1																				
	E1.75C		1.75					31.3	168	42	14.4																				
	E2.0C		2.0					36.5	192	48	16.5																				
	E1.0CL	1275	1.0	φ 480	6	φ 12	18	18	80	19.9	8.2	980	2																		
	E1.5CL		1.5					28.1	119	29.8	12.2																				
	E1.6CL		1.6					28.5	127	31.8	13																				
	E1.75CL		1.75					31.3	139	34.8	14.3																				
	E2.0CL		2.0					36.5	159	39.8	16.3																				
	E2.5CL	2.5	43.8	199	49.7	20.4	880	2																							
	E1.0D	1.0	19.5	96	24	8.8																									
	E1.5D	1.5	30.2	144	36	13.3																									
	E1.6D	1.6	30.7	153	38.3	14.1																									
	E1.75D	1.75	33.7	168	42	15.4																									
	E2.0D	2.0	39.3	192	48	17.6	1055	2																							
	E1.0DL	1.0	19.5	80	19.9	8.8																									
	E1.5DL	1.5	30.2	119	29.8	13.1																									
	E1.6DL	1.6	30.7	127	31.8	14.1																									
	E1.75DL	1.75	33.7	139	34.8	15.4																									
	E2.0DL	2.0	39.3	159	39.8	17.6	1040	2																							
	E2.5DL	2.5	47.2	199	49.7	22																									
	E1.0E	1.0	22.9	96	24	10.4																									
	E1.5E	1.5	35.7	144	36	15.7																									
	E1.6E	1.6	36.2	153	38.3	16.6																									
	E1.75E	1.75	40.5	168	42	18.2	1250	2																							
	E2.0E	2.0	46	192	48	20.8																									
	E1.0EL	1.0	22.9	80	19.9	10.4																									
	E1.5EL	1.5	35.7	119	29.8	15.6																									
	E1.6EL	1.6	36.2	127	31.8	16.6																									
	E1.75EL	1.75	40.5	139	34.8	18.2	1310	2																							
	E2.0EL	2.0	46	159	39.8	20.8																									
	E2.5EL	2.5	57.5	199	49.7	26																									
	E1.0F	1.0	28.7	96	24	13.1																									
	E1.5F	1.5	44.7	144	36	19.8																									
	E1.6F	1.6	45.3	153	38.3	20.9	1570	2																							
E1.75F	1.75	50.8	168	42	22.9																										
E2.0F	2.0	57.6	192	48	26.2																										
E1.0FL	1.0	28.7	80	19.9	13.1																										
E1.5FL	1.5	44.7	119	29.8	19.8																										
E1.6FL	1.6	45.3	127	31.8	20.9	1635	2																								
E1.75FL	1.75	50.8	139	34.8	22.9																										
E2.0FL	2.0	57.6	159	39.8	26.2																										
E2.5FL	2.5	71.9	199	49.7	32.7																										
E1.0G	1.0	37.5	96	24	16.4																										
E1.5G	1.5	59.4	144	36	24.6	2500	φ 400	9	φ 10	16	60	153	38.3	26.2	1635	2															
E1.6G	1.6	65.6	168	42	28.8																										
E1.75G	1.75	75	192	48	32.9																										
E2.0G	2.0																														

WYT-L

永磁同步曳引机 PM Traction Machine

WYT-L系列产品是我司2015年研发的新一代内转子结构的永磁同步曳引机，尤其适用于小机房或无机房。

WYT-L series products is the new generation inner rotor structure PM gearless traction machine developed by Blueight in 2015. It is suitable for mini machine room or machine roomless elevator application.



外观尺寸图 | Outline drawing

特点 (Features)

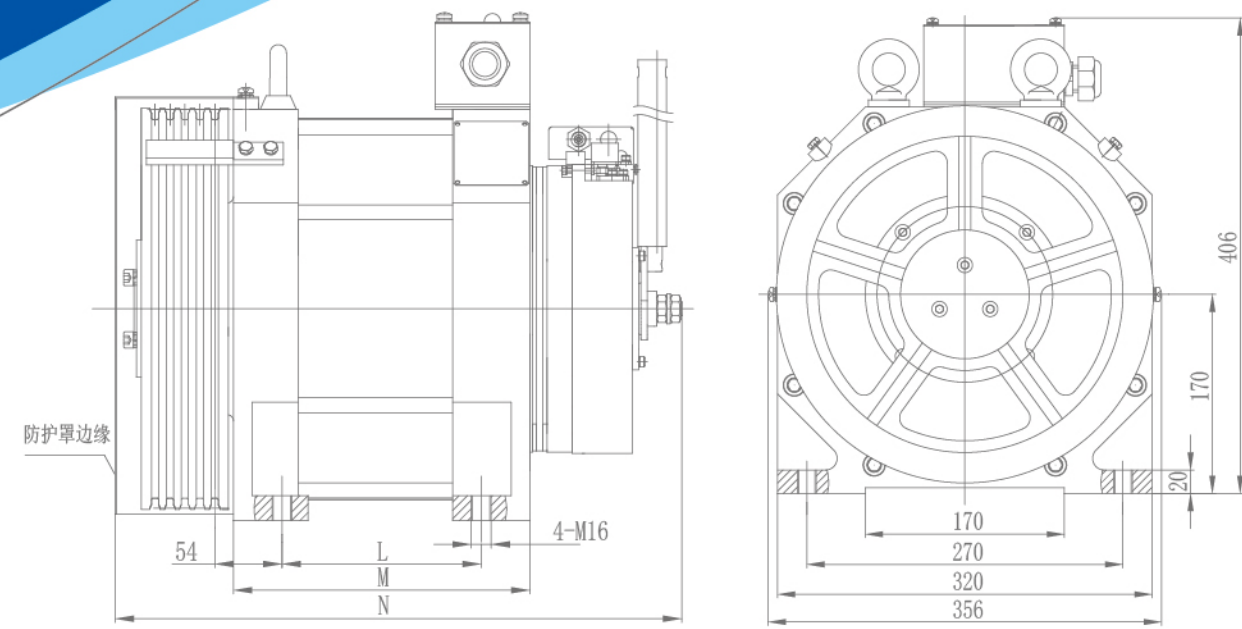
- 针对无机房和小机房进行特殊静音设计；
- 针对某些顶层高度不足接线困难的现场可选配提供转接接线盒；
- 散热效果好，效率高；
- 高转矩密度设计，材料利用率高，体积小重量轻；
- 电磁结构优化，低速运行平稳，过载能力强；
- 采用轴刹制动器，结构紧凑，制动噪音低，响应速度快；
- Special silent design for MMR or MRL.
- Transfer junction box can be provided for small installation height.
- Further improves heat dissipation.
- High efficiency and high torque density design with high material utilization, small size and light weight.
- The inner rotor structure improves electromagnetic structure, result smooth low speed running and high overload capacity.
- Use shaft brake, with the advantage of compact structure, low braking noise and fast response time.

WYT-L内转子系列 WYT-L Inner Rotor Series

系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴负荷 Shaft Load (kg)	主机重量 Weight (kg)
WYT-L	C1.0CS	800	1.0	φ 240	10	φ 6	9	12.7	159	26.5	5.3	320	2	4000	≈ 270
	C1.5CS		1.5					21.3	238	40	8				
	C1.6CS		1.6					21.6	254	42.3	8.5				
	C1.75CS		1.75					22.2	278	46.3	9.3				
	C2.0CS	800	2.0	φ 320	6	φ 8	12	24.8	318	53	10.7	430	3		
	CN1.0C		1.0					12.7	119	19.8	5.4				
	C1.0C		1.0					12.4	119	19.8	5.4				
	C1.5C		1.5					21.3	178	29.7	8				
	C1.6C	800	1.6	φ 320	6	φ 8	12	21.6	190	31.7	8.6	430	2		
	C1.75C		1.75					22.2	208	34.7	9.4				
	C2.0C		2.0					24.8	239	39.8	10.8				
	C1.0DS		1.0					15.1	159	26.5	6.7				
	C1.5DS	1050	1.5	φ 240	10	φ 6	9	25.8	238	40	10	400	2		
	C1.6DS		1.6					26.2	254	42.3	10.6				
	C1.75DS		1.75					26.5	278	46.3	11.6				
	C2.0DS		2.0					29	318	53	13.3				
	C1.0D	1050	1.0	φ 320	7	φ 8	12	15.1	119	19.8	6.6	530	2		
	C1.5D		1.5					25.4	178	29.7	9.9				
	C1.6D		1.6					25.8	190	31.7	10.5				
	C1.75D		1.75					26.5	208	34.7	11.5				
	C2.0D	1150	2.0	φ 320	8	φ 8	12	29	239	39.8	13.3	580	2		
	C1.0E		1.0					16.5	119	19.8	7.2				
	C1.5E		1.5					27.2	178	29.7	10.8				
	C1.6E		1.6					27.6	190	31.7	11.5				
	C1.75E	1275	1.75	φ 320	8	φ 8	12	29.0	208	34.7	12.6	630	2		
	C2.0E		2.0					31.7	239	39.8	14.5				
	C1.0F		1.0					17.9	119	19.8	7.9				
	C1.5F		1.5					29.4	178	29.7	11.7				
	C1.6F	1275	1.6	φ 320	8	φ 8	12	29.8	190	31.7	12.5	630	2		
	C1.75F		1.75					31.5	208	34.7	13.7				
	C2.0F		2.0					34.5	239	39.8	15.8				

SHENYANG BLUELIGHT

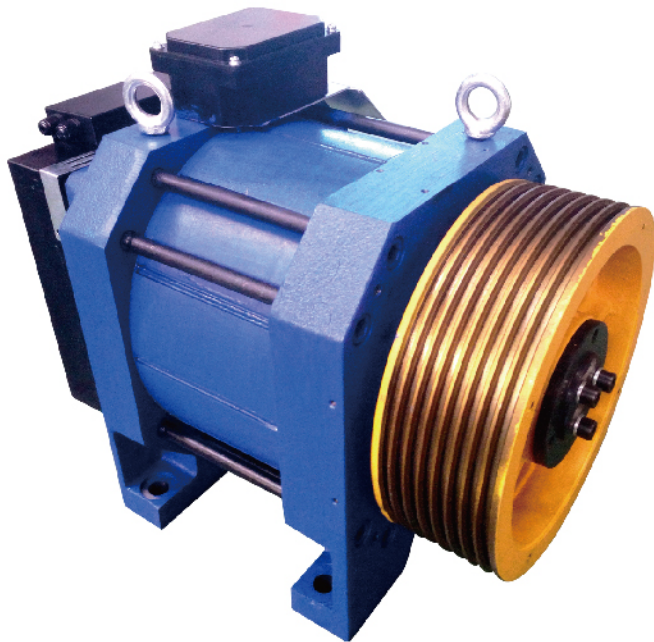
沈阳蓝光，伴你飞翔
DRIVE THE FUTURE



外观尺寸图 | Outline drawing

主机技术参数 (Parameter of Traction Machine)

额定电压 (Voltage) : AC380V
悬挂比 (Roping) : 2: 1
钢丝绳绕法 (Wrap) : 单绕 (Single)
额定载重量 (Capacity) : 450kg ~ 1275kg
轿厢速度 (Speed) : 1.0m/s ~ 2.0m/s
防护等级 (Protection Grade) : IP41
绝缘等级 (Ins. Class) : F
曳引机极数(Traction machine pole): 20
启动频次(次/小时, Stars per hour): 240
工作制(Rating): S5-40%
推荐提升高度(Height): ≤80m



制动器技术参数 (Parameter of Brake)

型号 (Model) : BLS
绝缘等级 (Ins.Class) : F
额定电压 (Voltage) : DC110V
额定电流 (Current) : 1.46Ax2

WYT-L内转子系列 WYT-L Inner Rotor Series

系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴负荷 Shaft Load (kg)	主机重量 Weight (kg)	安装尺寸 Dimension(mm)		
																L	M	N
WYT-L	B1.0AS	450	1.0	φ 240	7	φ 6	9	7.6	159	26.5	3	180	2	2000	≈270	160	238	455
	BN1.0A	450	1.0	φ 320	4	φ 8	12	7.6	119	19.8	3	240	3					
	B1.0A	450	1.0	φ 320	4	φ 8	12	7.3	119	19.8	3	240	2					
	BN1.0BS	630	1.0	φ 240	8	φ 6	9	10.4	159	26.5	4	240	3					
	BN1.5BS		1.5					15.4	238	40	6							
	BN1.6BS		1.6					15.7	254	42.3	6.4							
	BN1.75BS		1.75					16.4	278	46.3	7							
	B1.0BS	630	1.0	φ 240	8	φ 6	9	10.2	159	26.5	4	240	2					
	B1.5BS		1.5					15.1	238	40	6							
	B1.6BS		1.6					15.4	254	42.3	6.4							
	B1.75BS		1.75					16.2	278	46.3	7							
	BN1.0B	630	1.0	φ 320	5	φ 8	12	9.6	119	19.8	4.0	320	3	≈170	210	288	505	
	B1.0B	630	1.0	φ 320	5	φ 8	12	9.4	119	19.8	4.0	320	2					
	B1.5B		1.5					15.4	178	29.7	6.0							
	B1.6B		1.6					15.7	190	31.7	6.4							
	B1.75B		1.75					16.3	208	34.7	7.0							

WYT-U

永磁同步曳引机 PM Traction Machine

WYT-U系列产品是客户专门设计的大扭矩、大载重曳引机，广泛应用于高层建筑中的观光梯、客梯、货梯，医院中的病床梯等。

WYT-U series products are designed with large torque and heavy load capacity. It is widely used in high-rise buildings elevator applications such as panorama elevator, passenger & cargo elevator, hospital bed elevator and else.

主机技术参数（Traction Machine Parameter）

- 额定电压（Voltage）：AC380V
- 悬挂比（Roping）：2：1
- 钢丝绳绕法（Wrap）：单绕（Single）
- 额定载重量（Capacity）：1350kg~2000kg
- 轿厢速度（Speed）：1.0m/s~2.5m/s
- 防护等级（Protection Grade）：IP41
- 绝缘等级（Ins. Class）：F
- 曳引机极数(Traction machine pole): 30
- 启动频次(次/小时, Stars per hour): 240
- 工作制(Rating): S5-40%
- 推荐提升高度(Elevator Height): ≤120m

制动器技术参数（Brake Parameter）

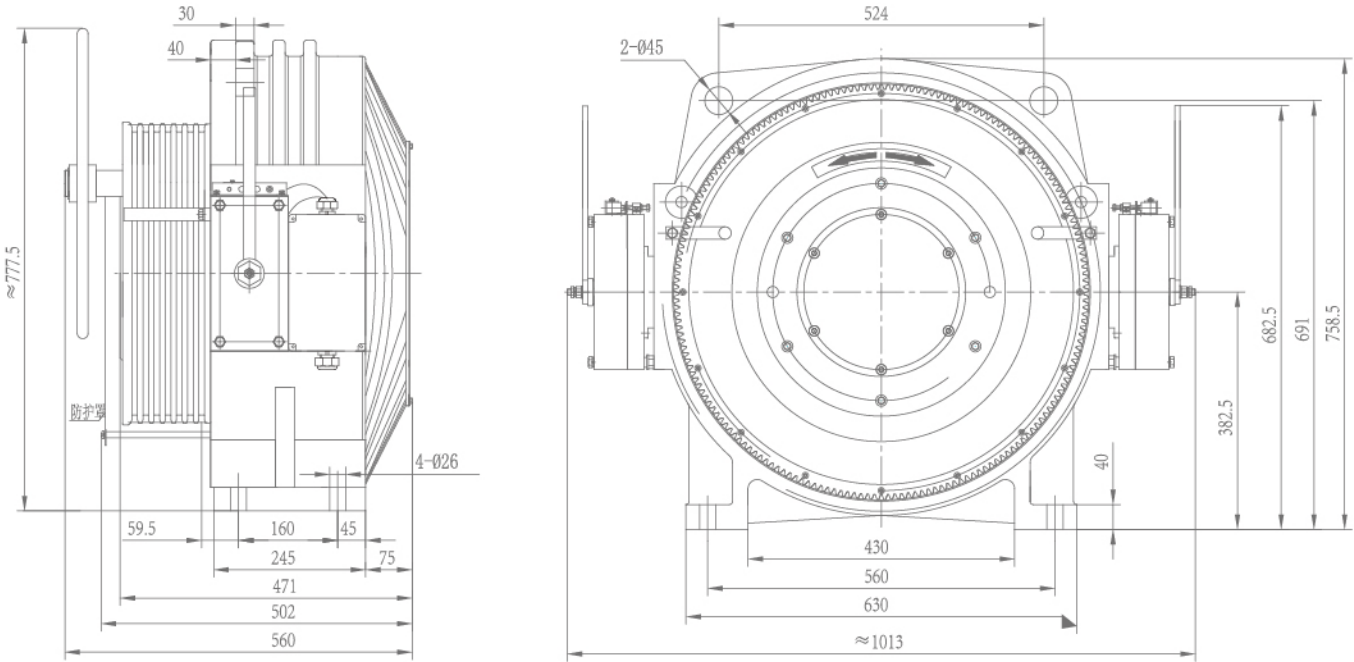
- 型号（Model）：BLB
- 绝缘等级（Ins.Class）：F
- 额定电压（Voltage）：DC110V
- 额定电流（Current）：

系列 Series	梯速(m/s) Speed	载重代号 Capacity code	额定电流 Current
WYT-U	1.0~2.5	DS, ES(1350kg~1600kg)	1.3A
		FS(2000kg)	1.6A



特点（Features）

- ◎ 低速运行平稳，效率高，转矩大；
- ◎ 采用高性能的永磁材料和完善的磁路结构，使温升和噪音都远远低于行业标准；
- ◎ 曳引机采用过热保护装置，设计完善，可靠性高；
- ◎ 采用BLB块式制动器，结构简单，制动安全可靠。
- ◎ Low-speed operation is smooth, high efficiency, large torque;
- ◎ Use high performance permanent magnetic materials and improve the magnetic circuit structure, so that the temperature rise and noise are much lower than industry standard.
- ◎ Traction machine use overheating protection device, with extra safety & reliability;
- ◎ Use block type armless brake, simple structure with fast response time and high reliability.



外观尺寸图 | Outline drawing

WYT-U外转子系列 WYT-U Outer Rotor Series

系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴负荷 Shaft Load (kg)	主机重量 Weight (kg)
WYT-U	1.0DS	1350	1.0	φ480	7	φ12	18	19.5	80	19.9	8.8	1055	2	7000	≈800
	1.75DS		1.75					33.7	139	34.8	15.4				
	2.0DS		2.0					39.3	159	39.8	17.6				
	2.5DS		2.5					47.2	199	49.7	22				
	1.0ES	1600	1.0	φ480	7	φ12	18	22.9	80	19.9	10.4	1250	2		
	1.75ES		1.75					40.5	139	34.8	18.2				
	2.0ES		2.0					46	159	39.8	20.8				
	2.5ES		2.5					57.5	199	49.7	26				
	1.0FS	2000	1.0	φ480	7	φ12	18	28.7	80	19.9	13.1	1570	2		
	1.75FS		1.75					50.8	139	34.8	22.9				
	2.0FS		2.0					57.6	159	39.8	26.2				
	2.5FS		2.5					71.9	199	49.7	32.7				

WYT-V

永磁同步曳引机(1:1悬挂比)
PM Traction Machine(1:1 Roping)

WYT-V系列是我公司于2014年推出的高性能无齿轮永磁同步曳引机，主要针对老旧异步机电梯的改造及市场的需求。该类型同步曳引机结构更可靠，性能优异，达到国内领先水平。

WYT-V series is developed by Bluelight in 2014, mainly targeting elevator modernisation project to replace old asynchronous machine.

主机技术参数（Traction Machine Parameter）

额定电压（Voltage）：AC380V
悬挂比（Roping）：1：1
钢丝绳绕法（Wrap）：单绕（Single）
额定载重量（Capacity）：1000kg~1250kg
轿厢速度（Speed）：1.0m/s~2.5m/s
防护等级（Protection Grade）：IP41
绝缘等级（Ins. Class）：F
曳引机极数(Traction machine pole): 30
启动频次(次/小时, Stars per hour): 240
工作制(Rating): S5-40%
推荐提升高度(Height): ≤120m

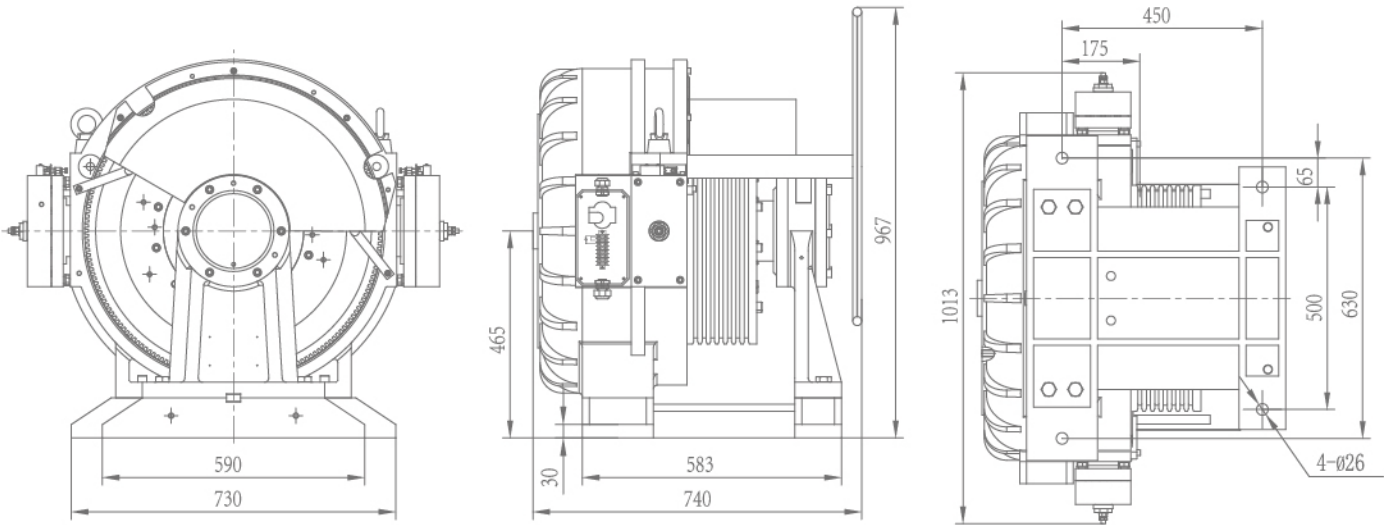
制动器技术参数（Brake Parameter）

型号（Model）：BLB
绝缘等级（Ins.Class）：F
额定电压（Voltage）：DC110V
额定电流（Current）：1.98A



特点（Features）

- ◎ 双支撑结构设计，结构可靠，轴负荷大；
 - ◎ 高效率，高转矩密度；
 - ◎ 空载反电势谐波含量小，振动小，运行平稳；
 - ◎ 主机散热效果好，温升低。
- ◎ Double support design, reliable mechanical structure with high shaft load;
- ◎ High torque density with high efficiency;
- ◎ Optimized design for winding, lower harmonics, lower noise, low vibration, smooth running;
- ◎ Advanced heat dissipation design, low temperature rise.



外观尺寸图 | Outline drawing

WYT-V外转子系列 WYT-V Outer Rotor Series

系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴负荷 Shaft Load (kg)	主机重量 Weight (kg)
WYT-V	1.0BS48	1000	1.0	φ480	10	φ10	16	14.8	40	9.95	6.6	1570	2	10000	≈960
	1.5BS48		1.5					21.8	60	15	9.9				
	1.75BS48		1.75					25.3	70	17.5	11.5				
	2.0BS48		2.0					28.7	80	19.9	13.1				
	2.5BS48		2.5					37	100	25	16.4				
	1.0BS50	1000	1.0	φ500	7	φ12	19	14.8	38	9.5	6.6	1640	2		
	1.5BS50		1.5					21.8	57	14.3	9.9				
	1.75BS50		1.75					25.3	67	16.7	11.5				
	2.0BS50		2.0					28.7	76	19	13.1				
	2.5BS50		2.5					37	96	24	16.4				
	1.0BCS48	1150	1.0	φ480	10	φ10	16	17	40	9.95	7.5	1800	2		
	1.5BCS48		1.5					25.2	60	15	11.3				
	1.75BCS48		1.75					29.4	70	17.5	13.2				
	2.0BCS48		2.0					33.3	80	19.9	15				
	2.5BCS48		2.5					41.8	100	25	18.8				
	1.0BCS50	1150	1.0	φ500	7	φ12	19	17	38	9.5	7.5	1880	2		
	1.5BCS50		1.5					25.2	57	14.3	11.3				
	1.75BCS50		1.75					29.4	67	16.7	13.2				
	2.0BCS50		2.0					33.3	76	19	15				
	2.5BCS50		2.5					41.8	96	24	18.8				
	1.0CS48	1250	1.0	φ480	10	φ10	16	19	40	9.95	8	1940	2		
	1.5CS48		1.5					27.8	60	15	12.1				
	1.75CS48		1.75					32	70	17.5	14.2				
	2.0CS48		2.0					36.6	80	19.9	16.1				
	2.5CS48		2.5					45.5	100	25	20.3				
	1.0CS50	1250	1.0	φ500	7	φ12	19	19	38	9.5	8	2020	2		
	1.5CS50		1.5					27.8	57	14.3	12.1				
	1.75CS50		1.75					32	67	16.7	14.2				
2.0CS50	2.0		36.6					76	19	16.1					
2.5CS50	2.5		45.5					96	24	20.3					

WYT-H

永磁同步曳引机

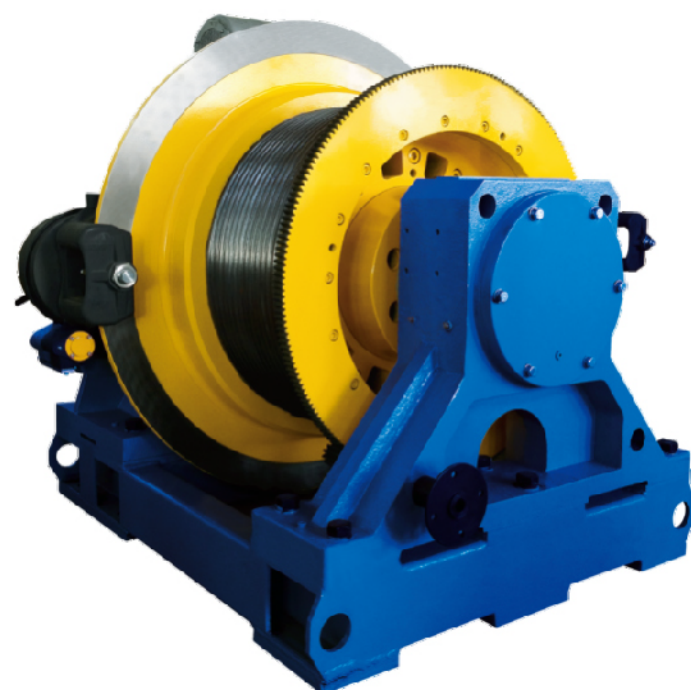
PM Traction Machine

WYT-H系列主机是我公司推出的高性能大转矩超高速无齿轮永磁同步曳引机，适合超高层建筑电梯使用。经过不断的电磁及机械结构的优化，主机性能达到国际先进水平。

WYT-H series ultra-high speed PM gearless traction machine is developed by Blueight in 2012 to target skyscrapers with ultra-high speed elevator (up to 8m/s).

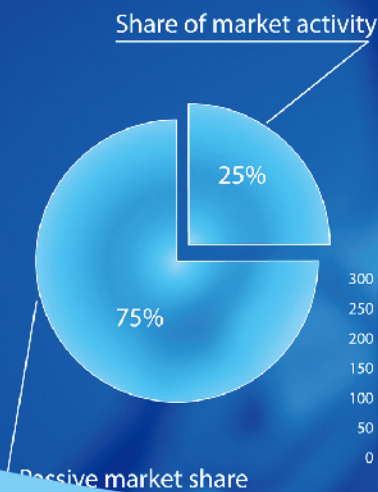
主机技术参数 (Traction Machine Parameter)

- 额定电压 (Voltage) : AC380V
- 悬挂比 (Roping) : 1: 1
- 钢丝绳绕法 (Wrap) : 复绕 (Double)
- 额定载重量 (Capacity) : 1600kg
- 轿厢速度 (Speed) : 5m/s ~ 8m/s
- 防护等级 (Protection Grade) : IP41
- 绝缘等级 (Ins. Class) : H
- 曳引机极数(Traction machine pole): 30
- 启动频次(次/小时, Stars per hour): 240
- 工作制(Rating): S5-40%
- 推荐提升高度(Elevator Height): ≤360m



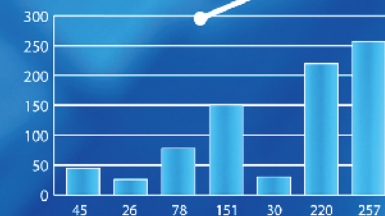
制动器技术参数 (Brake Parameter)

- 型号 (Model) : EC-4026EF-100
- 绝缘等级 (Ins.Class) : F
- 额定电压 (Voltage) : DC90/40V
- 额定电流 (Current) : 4.7/2.1A



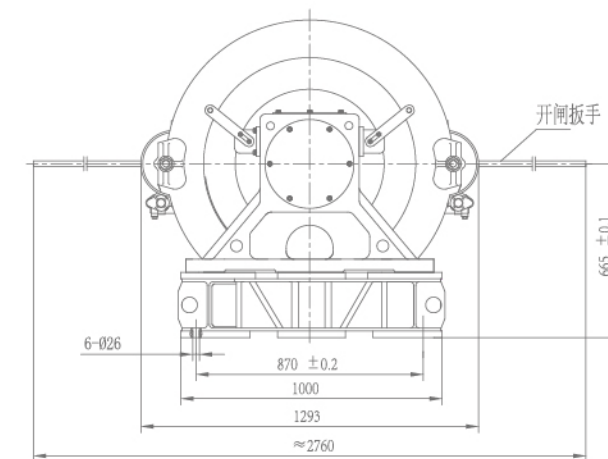
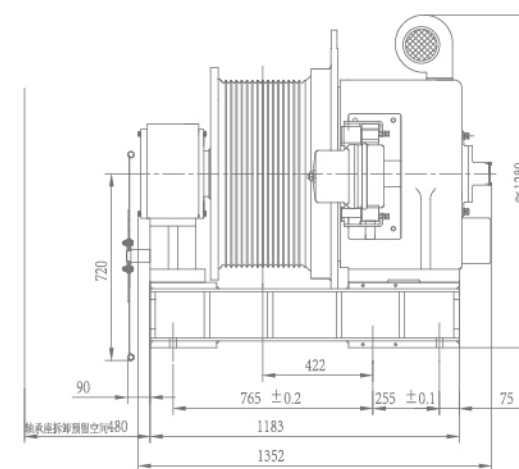
Changes in the activity of the active and passive market is uncertain. Established positive trends in various market segments.

Projected sales of main products in 2013



特点 (Features)

- ◎ 超大轴负荷设计,超高速设计;
- ◎ 优化的绕组使曳引机振动小, 噪音低, 损耗分布合理, 精细的风冷散热设计,温升低;
- ◎ 原装进口碟刹制动器,制动系统安全可靠;
- ◎ Extra high shaft load design, suitable for ultra-high speed operation;
- ◎ Optimized winding design, less harmonic content, loss distribution optimization, fan cooling system with low temperature rise;
- ◎ Use SUNTES disk brake system, high reliability.



外观尺寸图 | Outline drawing

WYT-H外转子系列 WYT-H Outer Rotor Series

系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴负荷 Shaft Load (kg)	主机重量 Weight (kg)
WYT-H	5.0E1	1600	5.0	Φ710	16	Φ16	20	111.4	134	33.6	51	3626	1	35000	≈3500
	6.0E1		6.0					135.3	161	40.3	61.2				
	7.0E1		7.0					158	188	47.1	71.5				
	8.0E1		8.0					172.7	215	53.8	81.7				

WYT-Y内转子系列（复绕系列） WYT-Y Inner Rotor Series（Double Wrap）

系列 Series	型号 Model	载重 Capacity (kg)	轿厢速度 Speed (m/s)	曳引轮直径 Sheave (mm)	槽数 Num	绳径 (mm)	槽间距 Pitch (mm)	额定电流 Current (A)	额定转速 Motor Speed (rpm)	额定频率 Frequency (Hz)	额定功率 Power (kW)	额定转矩 Torque (Nm)	能效等级 Energy Efficiency Grade	最大轴 负荷 Shaft Load (kg)	主机重量 Weight (kg)	安装尺寸 Dimension(mm)																																		
																A	B	C	D	E	F	H	K	L	M	N																								
WYT-Y	1.0A2	800	1.0	φ 410	8	φ 10	14	14	94	15.7	5.7	580	2	10000	≈850	340	510	610	730	300	260	960	78	495	575	970																								
	1.6A2		1.6					20.8	150	25	9.1																																							
	1.75A2		1.75					22.9	163	27.2	9.9																																							
	2.0A2		2.0					25.5	186	31	11.3																																							
	2.5A2		2.5					31.5	234	39	14.1																																							
	3.0A2	1000	3.0	φ 480	10	φ 10	14	37.3	239	39.84	17	682	2																																					
	4.0A2		4.0					49.1	318	53	22.6																																							
	1.0B2		1.0					16.1	94	15.7	6.7																																							
	1.6B2		1.6					24.5	150	25	10.7																																							
	1.75B2		1.75					26.3	163	27.2	11.7																																							
	2.0B2	1275	2.0	φ 480	10	φ 10	14	29.6	186	31	13.3	810	2																																					
	2.5B2		2.5					37.5	234	39	16.7																																							
	3.0B2		3.0					44.4	239	39.84	20																																							
	4.0B2		4.0					58.6	318	53	26.7																																							
	1.0C2	1275	1.0	φ 480	10	φ 12	15	22.4	80	13.34	8.5	1020	2																																					
	1.6C2		1.6					33.6	127	21.2	13.6																																							
	1.75C2		1.75					36.5	139	23.2	14.8																																							
	2.0C2		2.0					41.5	159	26.5	17																																							
	2.5C2		2.5					51.4	199	33.2	21.3																																							
	3.0C2	1350	3.0	φ 480	10	φ 12	15	60.3	239	39.84	25.5	1140	2																																					
	4.0C2		4.0					79.5	318	53	34																																							
	1.0D2		1600					1.0	φ 480	10	φ 12	15	25																		80	13.34	9.5	1140	2															
	1.6D2							1.6					37.6																		127	21.2	15.2																	
	1.75D2							1.75					40.8																		139	23.2	16.6																	
	2.0D2	1600		2.0	φ 480	10	φ 12	15					46.4																		159	26.5	19		2															
	2.5D2			2.5									57.4																		199	33.2	23.8																	
	3.0D2		3.0	67.4					239	39.84	28.5																																							
	4.0D2		4.0	89					318	53	38																																							
	1.0E2	1600	1.0	φ 480	10	φ 12	15	27	80	13.34	11.1	1330	2	12000	≈1300	400	570	670	875	330	320	1050	68	495	575	990																								
	1.6E2		1.6					41	127	21.2	17.7																																							
	1.75E2		1.75					45.8	139	23.2	19.4																																							
	2.0E2		2.0					51	159	26.5	22.2																																							
	2.5E2		2.5					63.8	199	33.2	27.7																																							
	3.0E2	1800	3.0	φ 480	12	φ 12	15	74.6	239	39.84	33.3	1490	2																																					
	4.0E2		4.0					99.6	318	53	44.3																																							
	1.0EF2		1.0					29.7	80	13.34	12.5																																							
	1.6EF2		1.6					45.8	127	21.2	19.8																																							
	1.75EF2		1.75					49.6	139	23.2	21.7																																							
	2.0EF2	2000	2.0	φ 480	12	φ 12	15	55.8	159	26.5	24.8	1650	2																																					
	2.5EF2		2.5					71.5	199	33.2	31																																							
	3.0EF2		3.0					85.2	239	39.84	37.3																																							
4.0EF2	2000	4.0	φ 480	12	φ 12	15	112	318	53	49.6	1650	2																																						
1.0F2		1.0					34	80	13.34	13.8																																								
1.6F2		1.6					53	127	21.2	22																																								
1.75F2		1.75					54.9	139	23.2	24																																								
2.0F2		2000					2.0	φ 480	12	φ 12		15	63.5	159	26.5	27.5	2																																	
2.5F2	2.5		80	199	33.2	34.4																																												
3.0F2	3.0		92	239	39.84	41.3																																												
4.0F2	4.0		123	318	53	54.9																																												

智慧与力量 COMPANY QUALIFICATION

1. 特种设备型式实验合格证 | Type-examination Certificate of Special Equipment
2. 中华人民共和国专利证书 | Patent certificate
3. 国家高新技术企业认证 | National high-tech enterprise
4. 全国发明展览会银奖 | China Invention Exhibition

5. 质量管理体系认证 | ISO9001
6. 韩国KTL认证KC证书 | KTL Issue KC Certification
7. TUV认证CE证书 | TUV Issue CE Certification



1



2



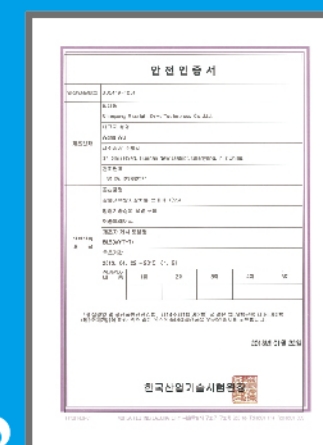
3



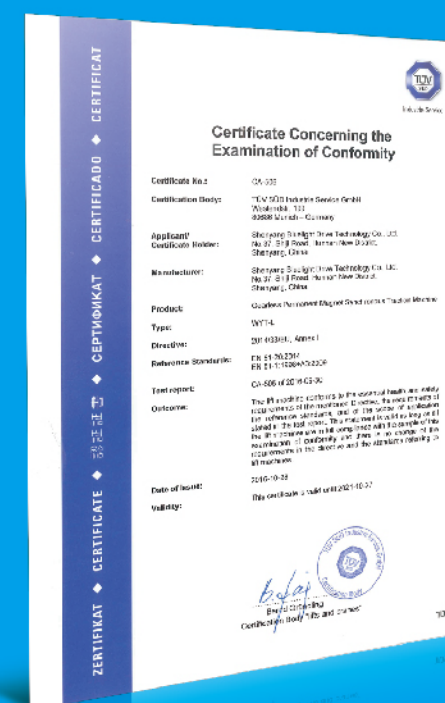
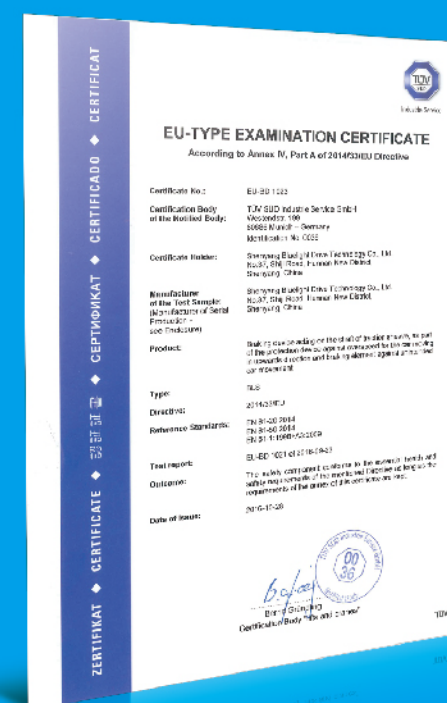
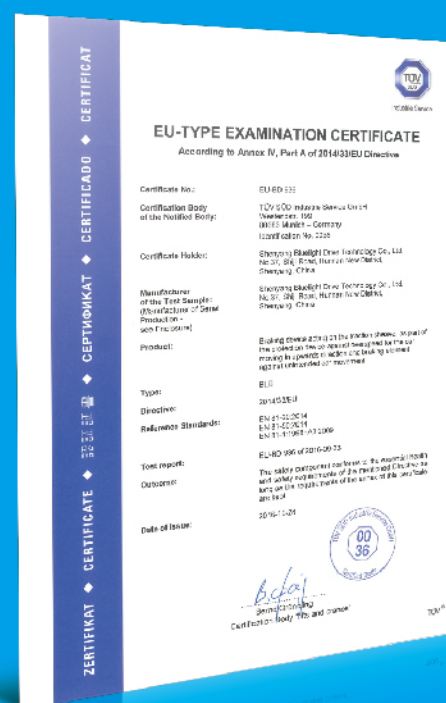
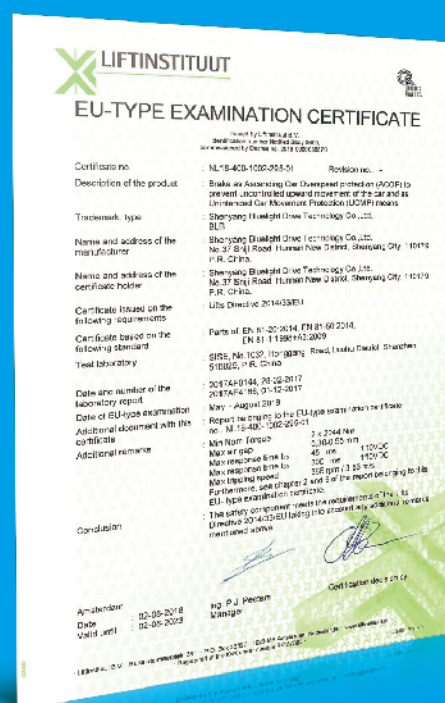
4



5



6



7