

TORINDRIVE
通 润 驱 动

GEARLESS^{SERIES}

永磁同步无齿轮曳引机 (国内版)

PERMANENT MAGNET SYNCHRONOUS
GEARLESS TRACTION MACHINE

DOMESTIC VERSION



公司介绍 COMPANY INTRODUCTION

通润驱动是曳引机、高效永磁电机及其他电梯部件的专业制造企业。1985 年起步服务电梯行业，潜心、专注、致力于曳引机技术的创新发展，已成为全球曳引机细分领域的开拓者和引领者，《电梯曳引机》国家标准的负责起草单位。

公司是国家火炬计划重点高新技术企业，掌握永磁电机、高效传动等核心技术。拥有满足亚洲、欧洲、北美等标准和全球客户需求的永磁同步无齿轮曳引机、蜗轮蜗杆曳引机、扶梯曳引机及其他电梯部件等全系列产品，共有 80 多个规格、800 多种型号。

每天超过 1,500,000 台来自通润驱动的曳引机同时运行在全球各个应用领域，我们将不断超越自我，成为更卓越的高端装备集团，为全球客户提供高品质产品、客制化方案、优质敏捷服务、舒适体验、价值再造，持续满足客户期待。

Torin Drive is a professional manufacturer of traction machines, efficient PM motors and other elevator components. It started to serve the elevator industry from 1985, and devoted to push the innovation of traction machine technology. It has become the pioneer and global leader in the field. It is responsible for drafting National Standard of Elevator Traction Machine.

As a Key High-tech Enterprise of China Torch Program, Torin Drive owns the core technologies such as PM motor and high-efficient transmission. It has a full range of products with more than 80 specifications and 800 types, including PM synchronous gearless traction machine, worm gear traction machine, escalator traction machine and other elevator components, which meet the standards of Asia, Europe, North America and the customer specific requirements.

Each day, more than 1.5 million traction machines produced by Torin Drive are running simultaneously in the buildings throughout the globe. We strive for a more outstanding high-end equipment group with the intention of providing the customers with high-quality products, customized solutions, all-round services, comfortable experience and value enhancement that continually exceed expectations.

荣誉 HONOR

- 国家重点新产品 China Key New Product
- 国家火炬计划项目 China Torch Program
- 工信部 2021 年度绿色设计产品 China Green-design Product (2021)
- 工信部 2020 年度绿色制造系统解决方案供应商 China Green Manufacturing System Solution Provider (2020)
- 工信部 2020 年度节能诊断服务机构选聘项目 China Energy Conservation Diagnostic Service Provider (2020)
- 中国节能产品认证 China Energy Conservation Product Certification
- 江苏省名牌产品 Provincial Famous Brand Product
- 江苏省专精特新产品 Provincial Specialized, Sophisticated, Distinctive and Innovative Product
- 70 多项国内外自主知识产权 More than 70 Domestic and Foreign Patents
- 5 个省级研发中心 5 Provincial Research and Development Centers
- 检测中心获 CNAS 国家认可实验室认证 Testing Center Obtained CNAS National Laboratory Accreditation Certificate

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本公司标准色 OUR STANDARD COLOURS

色号
CSY51

▶ 深灰色
DARK GRAY

色号
CSY50

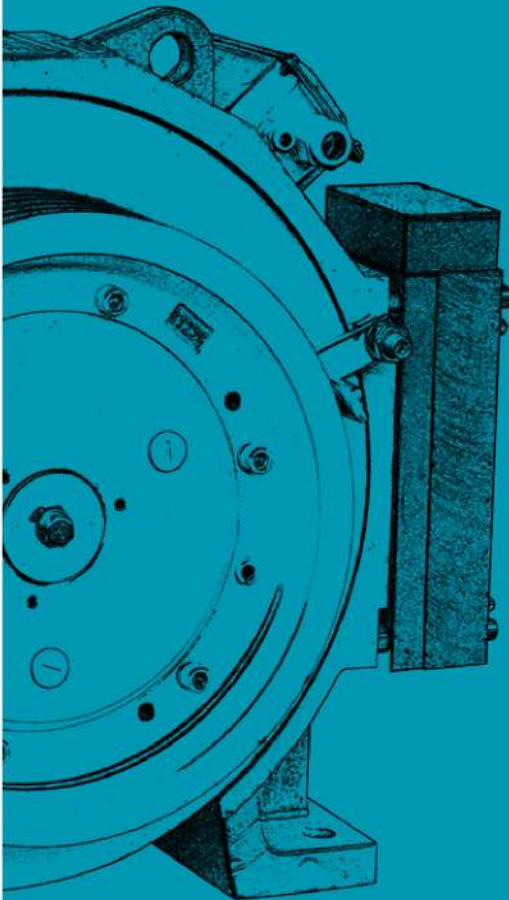
▶ 蓝色
BLUE

推荐表 (GTW 系列) RECOMMENDATION FORM (GTW SERIES)

CATALOG

GTW SERIES

PERMANENT MAGNET SYNCHRONOUS
GEARLESS TRACTION MACHINE



TORINDRIVE

TORINDRIVE strives for
the most excellent elevator components production group
with the intention of providing the personalized supporting
and all-round service for the clients

悬挂比 Suspension : 2:1	梯速 Lift Speed(m/s)						
额定载重 Load(kg)	1.0	1.5	1.6	1.75	2.0	2.5	3.0
320	GTW7A (Φ325)						
450							
550							
630	GTW7A (Φ325)						
	GTW9S(Φ400)						
	GTW9S(Φ400)						
800					GTW9A(Φ480)		
1000/1050	GTW9S(Φ400)						
					GTW9A(Φ480)		
					GTW10L(Φ410)	GTW10L(Φ485)	
1150	GTW9S(Φ340)						
	GTW9A(Φ400)						
					GTW10X(Φ485)		
1250	GTW9A(Φ400)						
					GTW10X(Φ485)		
					GTW10L(Φ410)	GTW10L(Φ485)	
					GTW10XL(Φ550)		
1350	GTW10X(Φ410)						
					GTW10X(Φ485)		
					GTW10L(Φ410)	GTW10L(Φ485)	
					GTW10XL(Φ550)		
1600	GTW10X(Φ410)						
					GTW10X(Φ485)		
					GTW10L(Φ410)	GTW10L(Φ485)	
					GTW10XL(Φ550)		
2000	GTW10X(Φ410)						
					GTW10L(Φ410)	GTW10L(Φ485)	
					GTW10XL(Φ485)		
	GTW12(Φ520)				GTW12(Φ520)		
2250	GTW10L(Φ410)						
2500	GTW10XL(Φ485)						
	GTW10XL(Φ520)						
	GTW12(Φ520)				GTW12(Φ520)		

悬挂比 Suspension : 1:1 额定载重 Load(kg)	梯速 Lift Speed(m/s)					
	1.0	1.5	1.6	1.75	2.0	2.5
630	GTW9A(Φ400)					
800	GTW10X(Φ485)					
1000	GTW10X(Φ485)					
1000/1050	GTW10L(Φ410)					
1150	GTW10XL(Φ520)					
	GTW10L(Φ410)					
1250	GTW10XL(Φ520)					
1350	GTW12(Φ485)	GTW12(Φ485)				

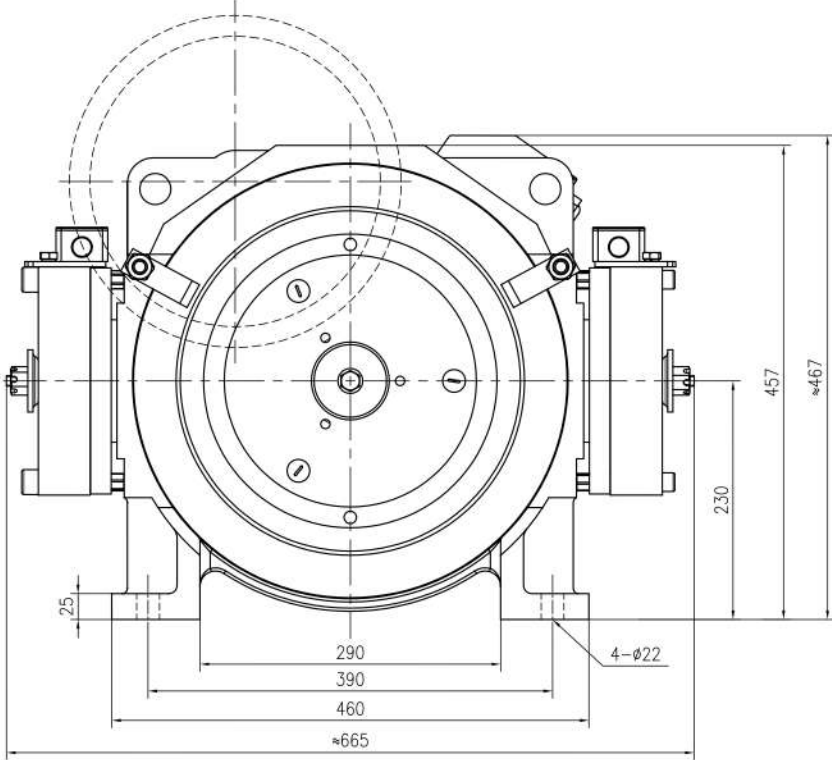
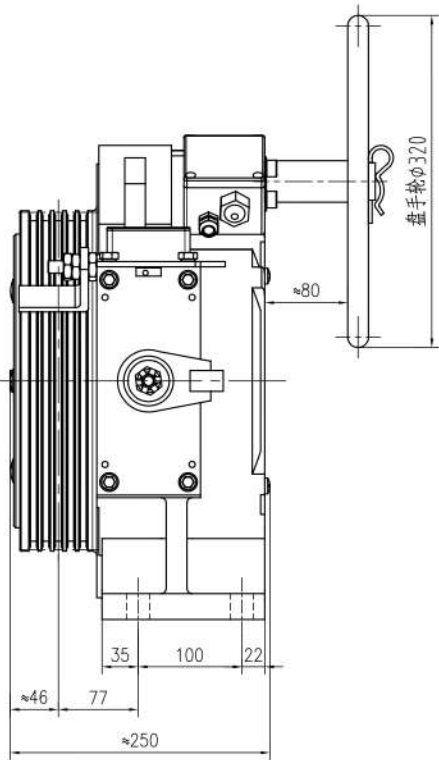
悬挂比 Suspension : 4:1 额定载重 Load(kg)	梯速 Lift Speed(m/s)	
	0.5	1.0
3000	GTW10X(Φ410)	
	GTW10X(Φ485)	

GTW7A



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD10 制动器	Brake	DC110V 2×0.84A(2×1.46A)
最大静态载荷	Max.Static Load	2000kg
自重	Weight	190kg

外形图 MACHINE'S DIMENSION

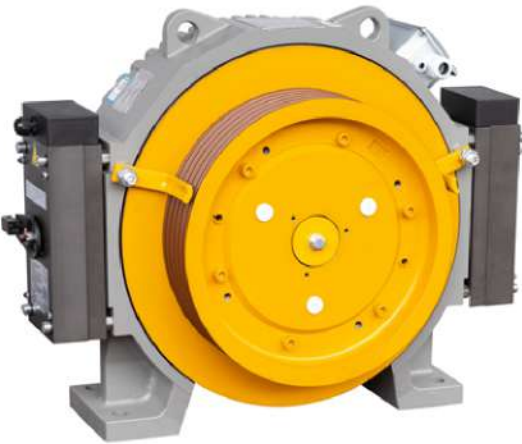


规格参数 TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
GTW7A-31P0A	320	1.0	Φ325	3xΦ8x12	6.3	200	118	31.5	2.5
GTW7A-31P5A		1.5			8.9	200	177	47.2	3.7
GTW7A-31P6A		1.6			9.4	200	189	50.4	4
GTW7A-31P7A		1.75			9.4	200	206	54.9	4.3
GTW7A-41P0A	450	1.0	Φ325	4xΦ8x12	8.3	240	118	31.5	3
GTW7A-41P5A		1.5			11.9	265	177	47.2	4.9
GTW7A-41P6A		1.6			13.7	265	189	50.4	5.2
GTW7A-41P7A		1.75			13.7	265	206	54.9	5.7
GTW7A-51P0A	550	1.0	Φ325	5xΦ8x12	8.6	290	118	31.5	3.6
GTW7A-51P5A		1.5			12.4	290	177	47.2	5.4
GTW7A-51P6A		1.6			14.3	290	189	50.4	5.7
GTW7A-51P7A		1.75			14.3	290	206	54.9	6.3
GTW7A-61P0A	630	1.0	Φ325	5xΦ8x12	9.6	310	118	31.5	3.8
GTW7A-61P5A		1.5			13.9	325	177	47.2	6
GTW7A-61P6A		1.6			16	325	189	50.4	6.4
GTW7A-61P7A		1.75			16	325	206	54.9	7

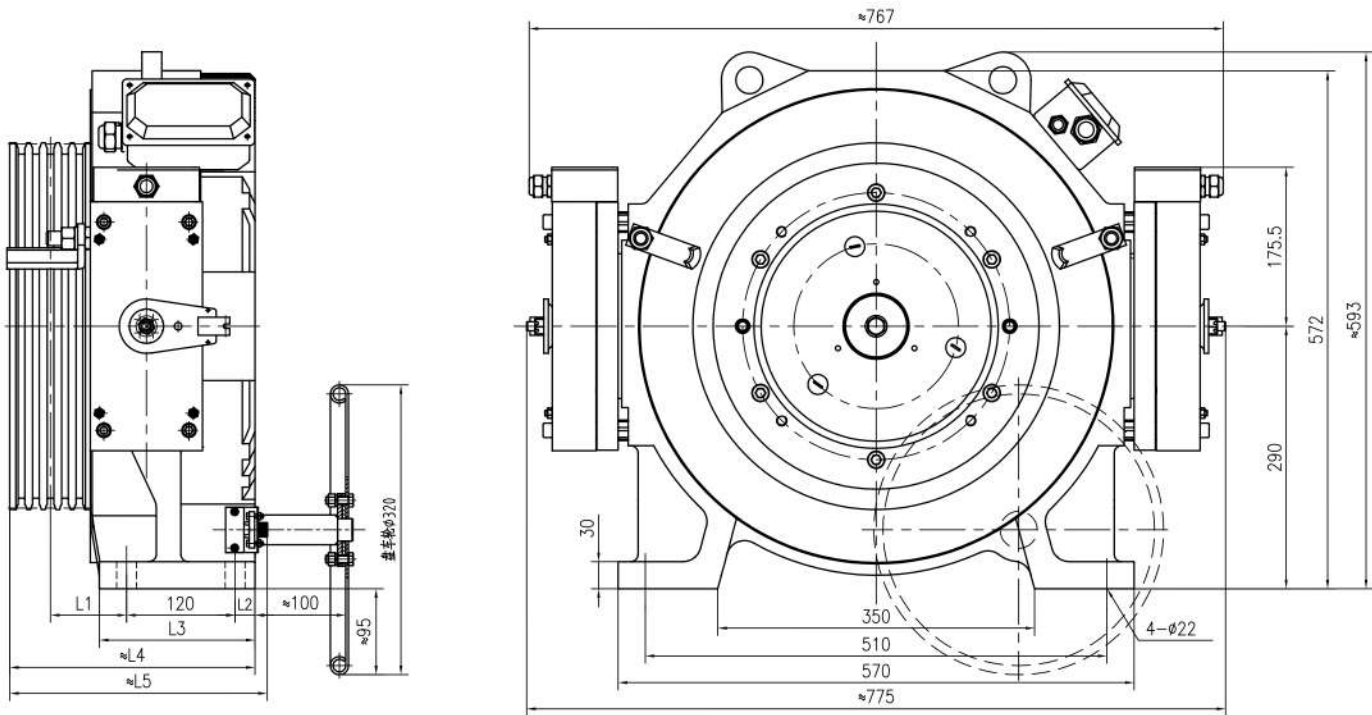
- 注 REMARK
1. 无机房配置时, 本机型标配不含手动远程松闸装置, 请客户自备电动松闸装置。如有需求手动远程松闸装置, 可以选配。
2. 在本机型用于额定载重不大于 450kg 时, 制动器电流为 2×0.84A; 当额定载重大于 450kg 时, 制动器电流为 2×1.46A。
- 1.For machine room less, the standard configuration of this machine does not include manual brake release, customers use electric brake release please. The manual brake release is optional.
- 2.When this machine is used for loading ≤450kg, the current of brakes are 2×0.84A; when this machine is used for loading > 450kg, the current of brakes are 2×1.46A.

GTW9S



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD12A 制动器	Brake	DC110V 2×1.28A
最大静态载荷	Max.Static Load	3000kg
自重	Weight	315kg

外形图
MACHINE'S DIMENSION



规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)	长度 Length L1	长度 Length L2	长度 Length L3	长度 Length L4	长度 Length L5
GTW9S-61P0A	630	1.0	Φ400	4×Φ10×16	9.7	389	96	25.6	3.9	84	22	172	271	285
GTW9S-61P5A		1.5			14.9	420	144	38.4	6.3					
GTW9S-61P6A		1.6			14.9	420	153	40.8	6.7					
GTW9S-61P7A		1.75			15.9	420	167	44.5	7.3					
GTW9S-62P0A		2.0			18.3	420	192	51.2	8.4					
GTW9S-81P0A	800	1.0	Φ400	5×Φ10×16	12.1	502	96	25.6	5	84	22	172	271	285
GTW9S-81P5A		1.5			18.8	530	144	38.4	8					
GTW9S-81P6A		1.6			18.8	530	153	40.8	8.5					
GTW9S-81P7A		1.75			20.7	530	167	44.5	9.3					
GTW9S-82P0A		2.0			23.2	530	192	51.2	10.7					
GTW9S-101P0A	1000/1050	1.0	Φ400	5×Φ10×16	14.7	604	96	25.6	6.1	84	22	172	271	285
GTW9S-101P5A		1.5			22.9	650	144	38.4	9.8					
GTW9S-101P6A		1.6			22.9	650	153	40.8	10.4					
GTW9S-101P7A		1.75			25.1	650	167	44.5	11.4					
GTW9S-102P0A		2.0			28.2	650	192	51.2	13.1					
GTW9S-111P0	1150	1.0	Φ340	8×Φ8×12	17.2	650	112	29.9	7.6	92	44	192	309	323
GTW9S-111P5		1.5			26.3	650	168	44.8	11.4					
GTW9S-111P6		1.6			26.3	650	180	48	12.3					
GTW9S-111P7		1.75			29	650	198	52.8	13.5					
GTW9S-112P0		2.0			33.1	650	225	60	15.3					

注 REMARK

无机房配置时，本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。如有需求手动远程松闸装置，可以选配。

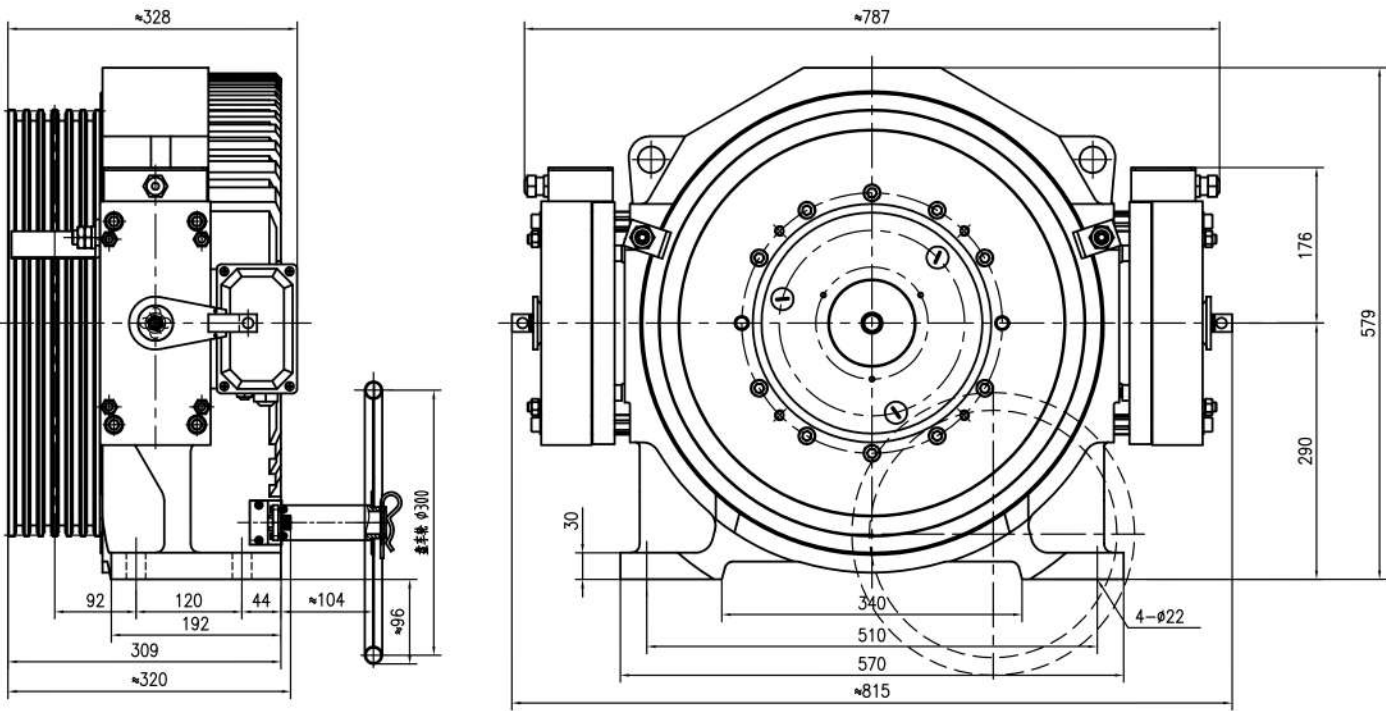
For machine room less, the standard configuration of this machine does not include manual brake release, customers use electric brake release please. The manual brake release is optional.

GTW9A



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1/1 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD12C 制动器	Brake	DC110V 2×1.5A
最大静态载荷	Max.Static Load	3500kg
自重	Weight	350kg

外形图 MACHINE'S DIMENSION



规格参数 TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
曳引比 Suspension2:1									
GTW9A-82P0A	800	2.0	Φ480	5×Φ10×16	22.3	592	159	42.4	9.9
GTW9A-82P5A		2.5			28.4	592	200	53.3	12.4
GTW9A-102P0	1000/1050	2.0	Φ480	6×Φ10×16	30	780	159	42.4	13
GTW9A-102P5		2.5			35.6	780	200	53.3	16.3
GTW9A-111P0	1150	1.0	Φ400	6×Φ10×16	17	750	96	25.6	7.5
GTW9A-111P5		1.5			26	750	144	38.4	11.3
GTW9A-111P6		1.6			26	750	153	40.8	12
GTW9A-111P7		1.75			28	750	167	44.5	13.1
GTW9A-112P0		2.0			33	750	192	51.2	15.1
GTW9A-121P0	1250	1.0	Φ400	6×Φ10×16	18.5	810	96	25.6	8.1
GTW9A-121P5		1.5			28.3	810	144	38.4	12.2
GTW9A-121P6		1.6			28.3	810	153	40.8	13
GTW9A-121P7		1.75			30.3	810	167	44.5	14.2
GTW9A-122P0		2.0			35.6	810	192	51.2	16.3
曳引比 Suspension1:1									
GTW9A-61P5-1	630	1.5	Φ400	6×Φ10×16	16.2	810	72	19.2	6.1
GTW9A-61P6-1		1.6			16.2	810	77	20.5	6.5
GTW9A-61P7-1		1.75			17.2	810	84	22.4	7.1
GTW9A-62P0-1		2.0			18.5	810	96	25.6	8.1

注 REMARK

无机房配置时，本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。如有需求手动远程松闸装置，可以选配。

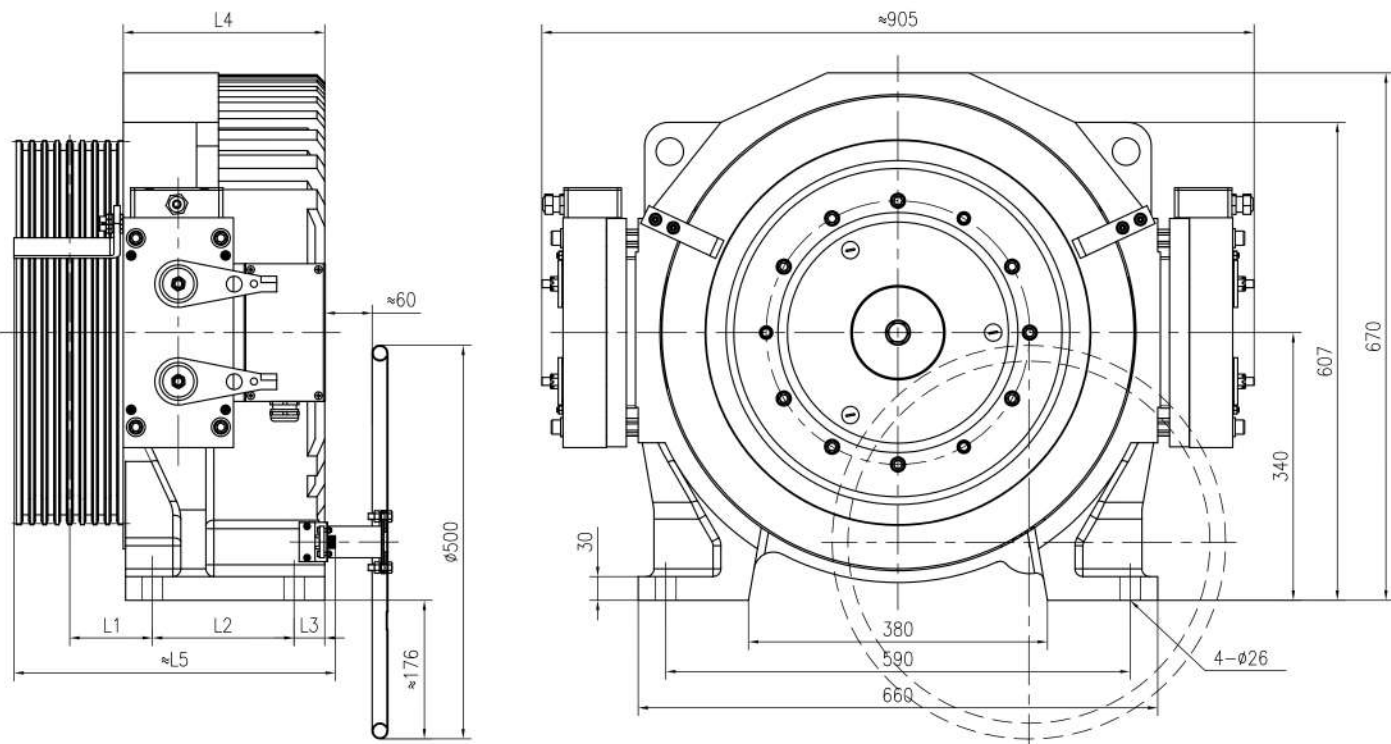
For machine room less, the standard configuration of this machine does not include manual brake release, customers use electric brake release please. The manual brake release is optional.

GTW10X



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1/4 : 1/1 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD14 制动器	Brake	DC110V 2×2A
最大静态载荷	Max.Static Load	6000kg
自重	Weight	580kg

外形图 MACHINE'S DIMENSION



注 REMARK

无机房配置时，本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。如有需求手动远程松闸装置，可以选配。
For machine room less, the standard configuration of this machine does not include manual brake release, customers use electric brake release please. The manual brake release is optional.

规格参数 TECHNICAL DATA

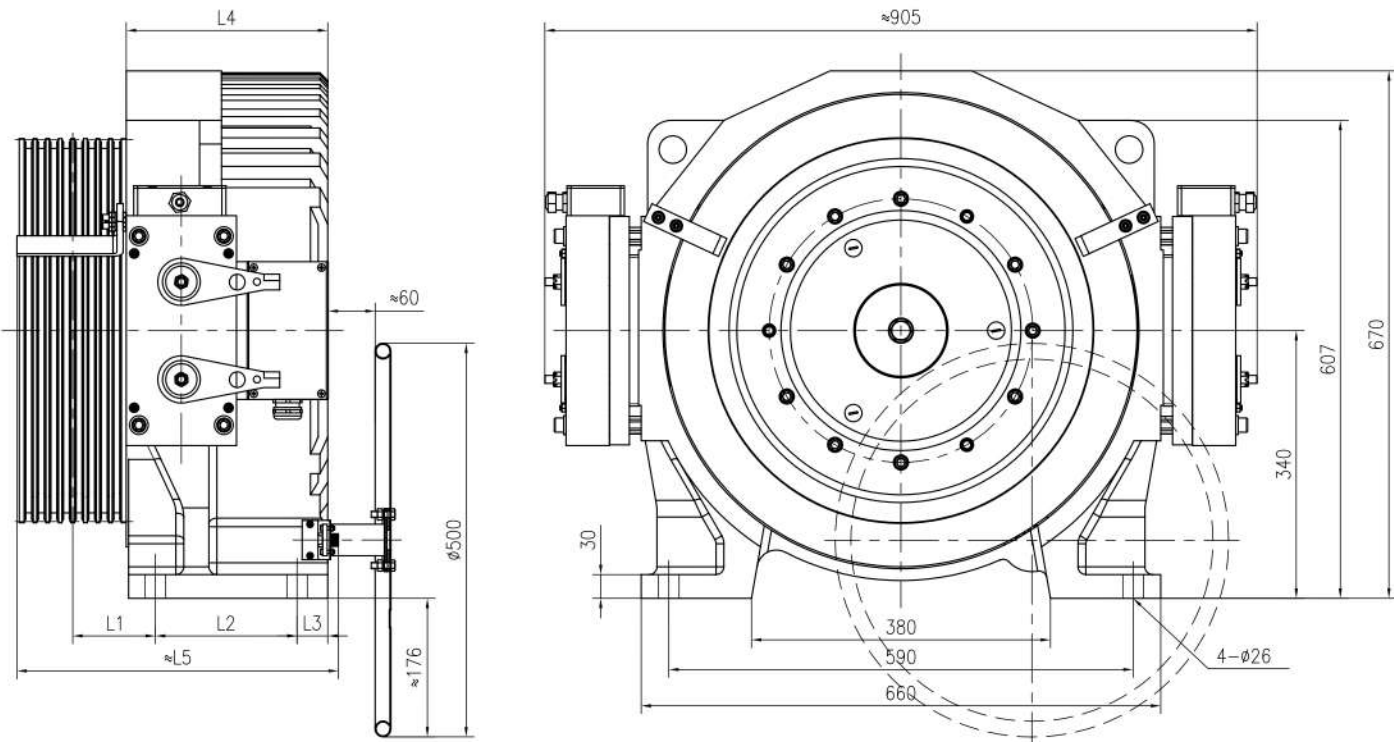
规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)	长度 Length L1	长度 Length L2	长度 Length L3	长度 Length L4	长度 Length L5
曳引比 Suspension2:1														
GTW10X-111P0M	1150	1.0	Φ485	6×Φ10×16	17.4	910	79	21.1	7.5	105	150	35	222	375
GTW10X-111P5M		1.5			26.5	910	118	31.5	11.2					
GTW10X-111P6M		1.6			26.5	910	126	33.6	12					
GTW10X-111P7M		1.75			29.2	910	138	36.8	13.1					
GTW10X-112P0M		2.0			33.3	910	158	42.1	15.1					
GTW10X-112P5M		2.5			41.2	910	197	52.5	18.8					
GTW10X-121P0M	1250	1.0	Φ485	6×Φ10×16	18.9	990	79	21.1	8.2	105	150	35	222	375
GTW10X-121P5M		1.5			28.8	990	118	31.5	12.2					
GTW10X-121P6M		1.6			28.8	990	126	33.6	13.1					
GTW10X-121P7M		1.75			31.8	990	138	36.8	14.3					
GTW10X-122P0M		2.0			36.2	990	158	42.1	16.4					
GTW10X-122P5M		2.5			44.8	990	197	52.5	20.4					
GTW10X-131P0AM	1350	1.0	Φ410	7×Φ10×16	21.3	910	93	24.8	8.9	112	150	35	222	390
GTW10X-131P5AM		1.5			30.8	910	140	37.3	13.3					
GTW10X-131P6AM		1.6			36.3	910	149	39.7	14.2					
GTW10X-131P7AM		1.75			36.3	910	163	43.5	15.5					
GTW10X-132P0AM		2.0			42.4	910	186	49.6	17.7					
GTW10X-131P0		1.0			19.3	1070	79	21.1	8.9	105	180	39	256	409
GTW10X-131P5	1350	1.5	Φ485	7×Φ10×16	29.5	1070	118	31.5	13.2					
GTW10X-131P6		1.6			29.5	1070	126	33.6	14.1					
GTW10X-131P7		1.75			32.2	1070	138	36.8	15.5					
GTW10X-132P0		2.0			37	1070	158	42.1	17.7					
GTW10X-132P5		2.5			45.8	1070	197	52.5	22.1					
GTW10X-161P0AM	1600	1.0	Φ410	8×Φ10×16	26	1070	93	24.8	10.4	112	150	35	222	390
GTW10X-161P5AM		1.5			35.6	1070	140	37.3	15.7					
GTW10X-161P6AM		1.6			41.2	1070	149	39.7	16.7					
GTW10X-161P7AM		1.75			41.2	1070	163	43.5	18.3					
GTW10X-162P0A	1600	2.0	Φ410	8×Φ10×16	45.5	1070	186	49.6	20.8	112	180	39	256	424
GTW10X-161P0	1600	1.0	Φ485	8×Φ10×16	22.8	1270	79	21.1	10.5	105	180	39	256	409
GTW10X-161P5		1.5			35.6	1270	118	31.5	15.7					
GTW10X-161P6		1.6			35.6	1270	126	33.6	16.8					
GTW10X-161P7		1.75			38.7	1270	138	36.8	18.4					
GTW10X-162P0		2.0			44.5	1270	158	42.1	21					
GTW10X-162P5		2.5			55.7	1270	197	52.5	26.2					
GTW10X-201P0A	2000	1.0	Φ410	9×Φ10×16	28.4	1270	93	24.8	12.4	112	180	39	256	424
GTW10X-201P5A		1.5			44.1	1270	140	37.3	18.6					
GTW10X-201P6A		1.6			44.1	1270	149	39.7	19.8					
GTW10X-201P7A		1.75			47.3	1270	163	43.5	21.7					
GTW10X-202P0A		2.0			54.4	1270	186	49.6	24.7					

GTW10X



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1/4 : 1/1 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD14 制动器	Brake	DC110V 2×2A
最大静态载荷	Max.Static Load	6000kg
自重	Weight	580kg

外形图 MACHINE'S DIMENSION



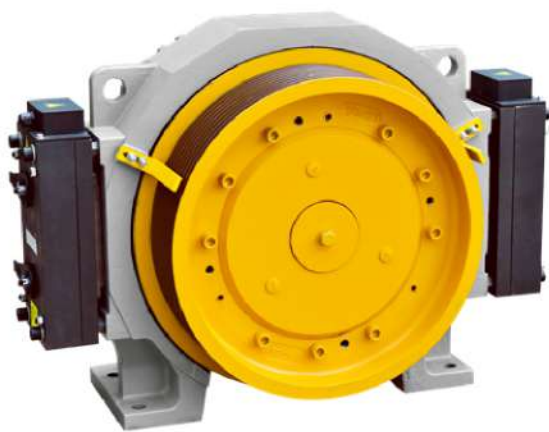
注 REMARK

无机房配置时，本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。如有需求手动远程松闸装置，可以选配。
For machine room less, the standard configuration of this machine does not include manual brake release, customers use electric brake release please. The manual brake release is optional.

规格参数 TECHNICAL DATA

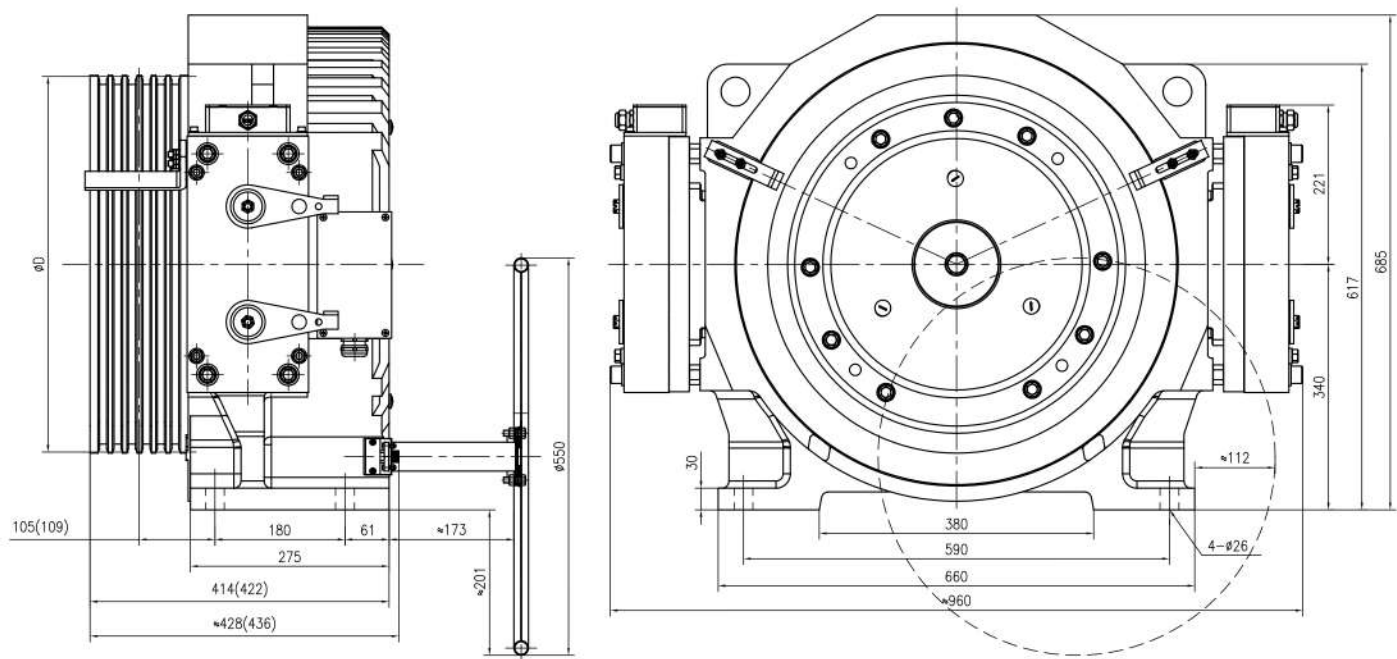
规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)	长度 Length L1	长度 Length L2	长度 Length L3	长度 Length L4	长度 Length L5
曳引比 Suspension4:1														
GTW10X-300P5AM-4	3000	0.5	Φ410	8×Φ10×16	24.6	941	93	24.8	9.2	112	150	35	222	390
GTW10X-301P0AM-4		1.0			43.8	941	186	49.6	18.3					
GTW10X-300P5-4		0.5	Φ485	8×Φ10×16	20.5	1113	79	21.1	9.2	105	180	39	256	409
GTW10X-301P0-4		1.0			39.0	1113	158	42.1	18.4					
曳引比 Suspension1:1														
GTW10X-61P0M-1	630	1	Φ485	6×Φ10×16	10.9	990	39	10.4	4	105	150	35	222	375
GTW10X-61P5M-1		1.5			15.5	990	59	15.7	6.1					
GTW10X-61P6M-1		1.6			17.7	990	63	16.8	6.5					
GTW10X-61P7M-1		1.75			17.7	990	69	18.4	7.2					
GTW10X-62P0M-1		2			18.9	990	79	21.1	8.2					
GTW10X-62P5M-1		2.5			23.6	990	99	26.4	10.3					
GTW10X-81P0-1	800	1.0	Φ485	8×Φ10×16	12.8	1270	39	10.4	5.2	105	180	39	256	409
GTW10X-81P5-1		1.5			18.5	1270	59	15.7	7.8					
GTW10X-81P6-1		1.6			22	1270	63	16.8	8.4					
GTW10X-81P7-1		1.75			22	1270	69	18.4	9.2					
GTW10X-82P0-1		2.0			22.8	1270	79	21.1	10.5					
GTW10X-82P5-1		2.5			30	1270	99	26.4	13.2					

GTW10XL



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1/1 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD15 制动器	Brake	DC110V 2×2.2A
最大静态载荷	Max.Static Load	6000kg
自重	Weight	720kg

外形图 MACHINE'S DIMENSION



注 REMARK

1. 无机房配置时, 本机型标配不含手动远程松闸装置, 请客户自备电动松闸装置。如有需求手动远程松闸装置, 可以选配。

2. 括号内的是当绳槽配置为 $\Phi 485 \times 9 \times \Phi 10 \times 15$ 或 $\Phi 520 \times 7 \times \Phi 13 \times 20$ 时的外形尺寸。
1. For machine room less, the standard configuration of this machine dose not include manual brake release, customers use electric brake release please. The manual brake release is optional.

2. The dimension in bracket is applied to $\Phi 485 \times 9 \times \Phi 10 \times 15$ or $\Phi 520 \times 7 \times \Phi 13 \times 20$ groove arrangement.

规格参数 TECHNICAL DATA

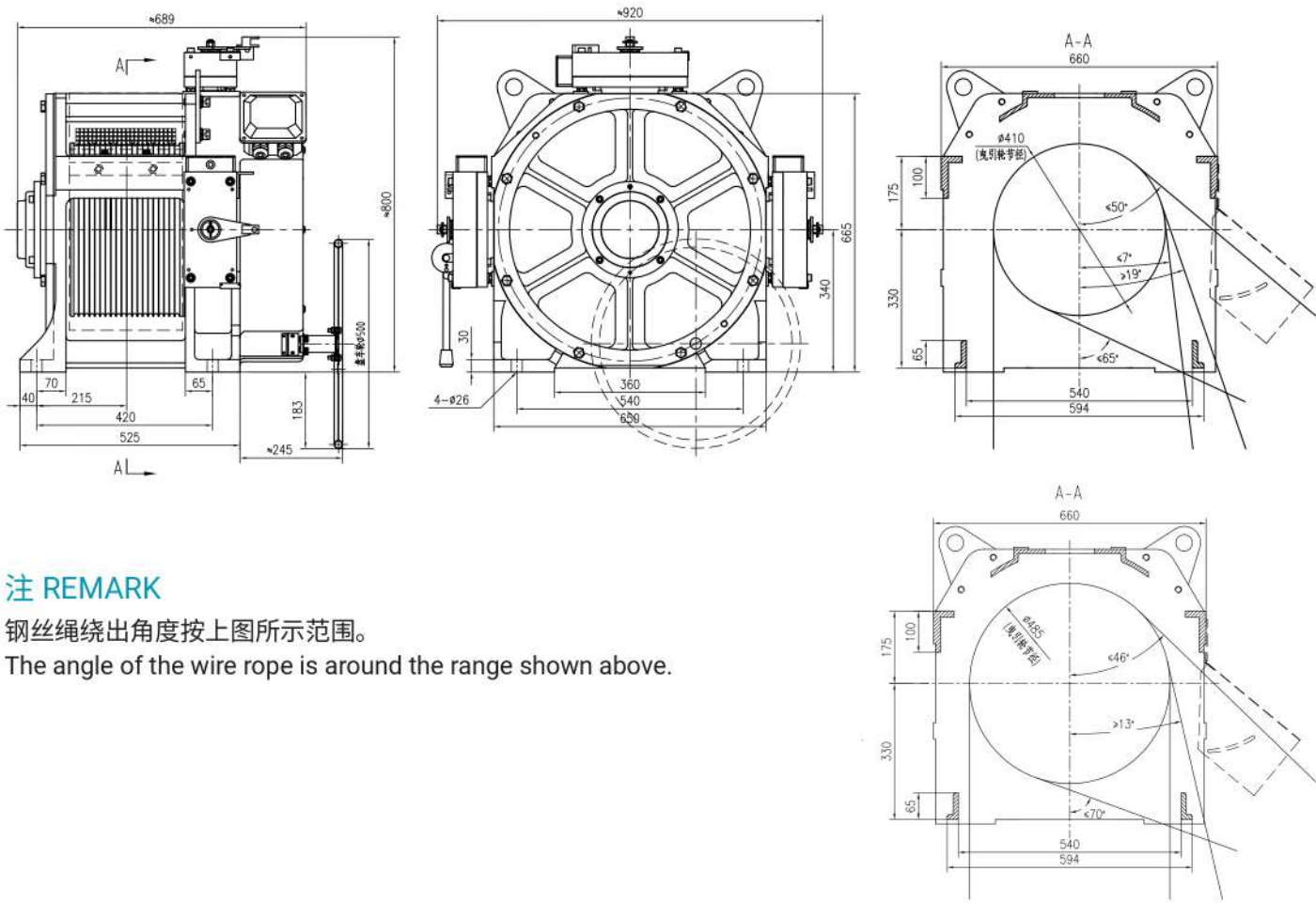
规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
曳引比 Suspension2:1									
GTW10XL-121P0	1250	1.0	Φ550	6×Φ10×16	19.3	1125	69	18.4	8.1
GTW10XL-121P5		1.5			28	1125	104	27.7	12.3
GTW10XL-121P6		1.6			33.5	1125	112	29.9	13.2
GTW10XL-121P7		1.75			33.5	1125	122	32.5	14.4
GTW10XL-122P0		2.0			35.9	1125	139	37.1	16.4
GTW10XL-122P5		2.5			46	1125	174	46.4	20.5
GTW10XL-123P0		3.0			54.6	1125	208	55.5	24.5
GTW10XL-131P0	1350	1.0	Φ550	7×Φ10×16	20.8	1215	69	18.4	8.8
GTW10XL-131P5		1.5			29.7	1215	104	27.7	13.2
GTW10XL-131P6		1.6			34	1215	112	29.9	14.2
GTW10XL-131P7		1.75			34	1215	122	32.5	15.5
GTW10XL-132P0		2.0			39.8	1215	139	37.1	17.7
GTW10XL-132P5		2.5			48.3	1215	174	46.4	22.1
GTW10XL-133P0		3.0			58.6	1215	208	55.5	26.5
GTW10XL-161P0	1600	1.0	Φ550	8×Φ10×16	23.8	1440	69	18.4	10.4
GTW10XL-161P5		1.5			35	1440	104	27.7	15.7
GTW10XL-161P6		1.6			39.9	1440	112	29.9	16.9
GTW10XL-161P7		1.75			39.9	1440	122	32.5	18.4
GTW10XL-162P0		2.0			46	1440	139	37.1	21
GTW10XL-162P5		2.5			58.4	1440	174	46.4	26.2
GTW10XL-163P0		3.0			68	1440	208	55.5	31.4
GTW10XL-201P0	2000	1.0	Φ485	8×Φ10×16	29.1	1520	79	21.1	12.6
GTW10XL-201P5		1.5			43.4	1520	118	31.5	18.8
GTW10XL-201P6		1.6			48.6	1520	126	33.6	20.1
GTW10XL-201P7		1.75			48.6	1520	138	36.8	22
GTW10XL-202P0		2.0			55.5	1520	158	42.1	25.1
GTW10XL-202P5		2.5			69.2	1520	197	52.5	31.4
GTW10XL-251P0		2500			1.0	Φ485	9×Φ10×15	34.8	1820
GTW10XL-251P5	1.5		52	1820	118			31.5	22.5
GTW10XL-251P6	1.6		58.2	1820	126			33.6	24
GTW10XL-251P7	1.75		58.2	1820	138			36.8	26.3
GTW10XL-252P0	2.0		66.5	1820	158			42.1	30.1
GTW10XL-251P0A	2500	1.0	Φ520	7×Φ13×20	33.4	1910	73	19.5	14.6
曳引比 Suspension1:1									
GTW10XL-101P0-1	1000/1050	1.0	Φ520	6×Φ13×20	15.2	1475	37	9.9	5.7
GTW10XL-101P5-1		1.5			21.3	1550	55	14.7	8.9
GTW10XL-101P6-1		1.6			24.6	1550	59	15.7	9.6
GTW10XL-101P7-1		1.75			24.6	1550	64	17.1	10.4
GTW10XL-102P0-1		2.0			27.4	1550	73	19.5	11.8
GTW10XL-102P5-1		2.5			34.3	1550	92	24.5	14.9
GTW10XL-111P5-1	1150	1.5	Φ520	6×Φ13×20	24.8	1790	55	14.7	10.3
GTW10XL-111P6-1		1.6			27.8	1790	59	15.7	11.1
GTW10XL-111P7-1		1.75			27.8	1790	64	17.1	12
GTW10XL-112P0-1		2.0			31.5	1790	73	19.5	13.7
GTW10XL-112P5-1		2.5			40.6	1790	92	24.5	17.2

GTW10L



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1/1 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD12C 制动器	Brake	DC110V 3×1.5A/2×1.5A
最大静态载荷	Max.Static Load	11000kg
自重	Weight	755kg

外形图 MACHINE'S DIMENSION



注 REMARK
钢丝绳绕出角度按上图所示范围。
The angle of the wire rope is around the range shown above.

规格参数 TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	复绕 Double Roping	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)	制动器数量 Quantity of brake
曳引比 Suspension2:1											
GTW10L-102P0	1000	2.0	Φ410	12×Φ10×14	YES	27.8	670	186	49.6	13	2
GTW10L-102P5		2.5	Φ485	12×Φ10×14	YES	34.1	790	197	52.5	16.3	2
GTW10L-121P0	1250	1.0	Φ410	12×Φ10×14	YES	17.8	840	93	24.8	8.2	2
GTW10L-121P5		1.5				28.2	840	140	37.3	12.3	
GTW10L-121P6		1.6				28.2	840	149	39.7	13.1	
GTW10L-121P7		1.75				31	840	163	43.5	14.3	
GTW10L-122P0		2.0				34.5	840	186	49.6	16.4	
GTW10L-122P5		2.5				Φ485	12×Φ10×14	YES	42.6	990	197
GTW10L-131P0	1350	1.0	Φ410	14×Φ10×14	YES	19	910	93	24.8	8.9	2
GTW10L-131P5		1.5				30.2	910	140	37.3	13.3	
GTW10L-131P6		1.6				30.2	910	149	39.7	14.2	
GTW10L-131P7		1.75				33.7	910	163	43.5	15.5	
GTW10L-132P0		2.0				38.1	910	186	49.6	17.7	
GTW10L-132P5		2.5				Φ485	14×Φ10×14	YES	46.7	1070	197
GTW10L-161P0	1600	1.0	Φ410	14×Φ10×14	YES	22.8	1080	93	24.8	10.5	3
GTW10L-161P5		1.5				36.5	1080	140	37.3	15.8	
GTW10L-161P6		1.6				36.5	1080	149	39.7	16.9	
GTW10L-161P7		1.75				39.8	1080	163	43.5	18.4	
GTW10L-162P0		2.0				45.5	1080	186	49.6	21	
GTW10L-162P5		2.5				Φ485	14×Φ10×14	YES	58.1	1270	197
GTW10L-201P0	2000	1.0	Φ410	18×Φ10×14	YES	30.2	1350	93	24.8	13.1	3
GTW10L-201P5		1.5				46.9	1350	140	37.3	19.8	
GTW10L-201P6		1.6				46.9	1350	149	39.7	21.1	
GTW10L-201P7		1.75				50.3	1350	163	43.5	23	
GTW10L-202P0		2.0				57.9	1350	186	49.6	26.3	
GTW10L-202P5		2.5				Φ485	18×Φ10×14	YES	67	1550	197
GTW10L-221P0	2250	1.0	Φ410	18×Φ10×14	YES	34.9	1550	93	24.8	15.1	3
GTW10L-221P5		1.5				53.9	1550	140	37.3	22.7	
GTW10L-221P6		1.6				53.9	1550	149	39.7	24.2	
GTW10L-221P7		1.75				59	1550	163	43.5	26.5	
GTW10L-222P0		2.0				67.4	1550	186	49.6	30.2	
曳引比 Suspension1:1											
GTW10L-101P0-1	1000	1.0	Φ410	18×Φ10×14	YES	16.5	1350	47	12.5	6.6	3
GTW10L-101P5-1		1.5				24.5	1350	70	18.7	9.9	
GTW10L-101P6-1		1.6				24.5	1350	75	20	10.6	
GTW10L-101P7-1		1.75				26	1350	82	21.9	11.6	
GTW10L-102P0-1		2.0				30.2	1350	93	24.8	13.1	
GTW10L-102P5-1		2.5				36.7	1350	116	30.9	16.4	
GTW10L-111P0-1	1150	1.0	Φ410	20×Φ10×12.7	YES	18.5	1550	47	12.5	7.6	3
GTW10L-111P5-1		1.5				27.6	1550	70	18.7	11.4	
GTW10L-111P6-1		1.6				27.6	1550	75	20	12.2	
GTW10L-111P7-1		1.75				30.2	1550	82	21.9	13.3	
GTW10L-112P0-1		2.0				34.9	1550	93	24.8	15.1	
GTW10L-112P5-1		2.5				42.3	1550	116	30.9	18.8	

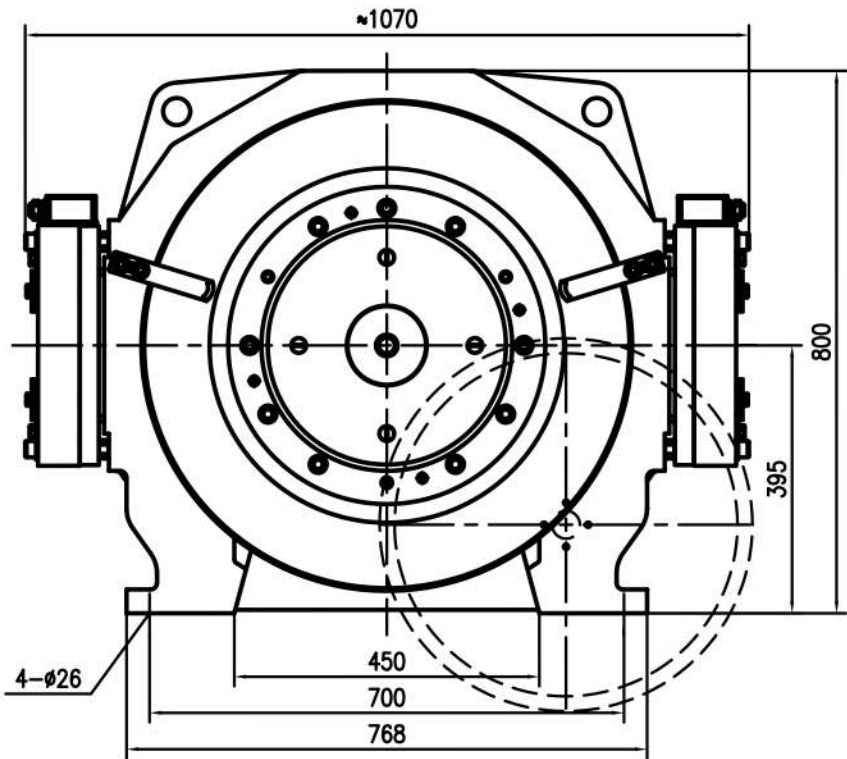
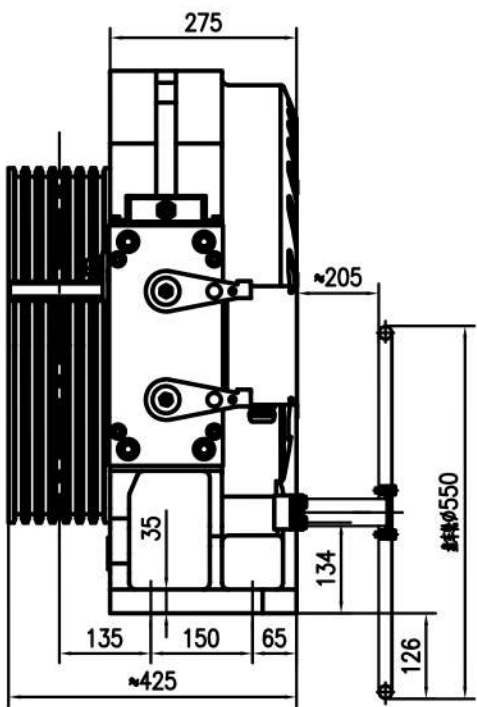
GTW12



电梯曳引机 ELEVATOR TRACTION MACHINE

悬挂比	Suspension	2 : 1/1 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
FZD15 制动器	Brake	DC110V 2x2.2A
最大静态载荷	Max.Static Load	8000kg
自重	Weight	910kg

外形图
MACHINE'S DIMENSION



规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
曳引比 Suspension2:1									
GTW12-201P0	2000	1.0	Φ520	6xΦ13x20	29.2	1735	73	19.5	13.3
GTW12-201P7		1.75			48.7	1735	128	34.1	23.3
GTW12-202P0		2.0			54.6	1735	147	39.2	26.7
GTW12-251P0	2500	1.0	Φ520	7xΦ13x20	35.7	2170	73	19.5	16.6
GTW12-251P7		1.75			59.8	2170	128	34.1	29.1
GTW12-252P0		2.0			68.3	2170	147	39.2	33.4
曳引比 Suspension1:1									
GTW12-121P0-1	1250	1.0	Φ485	8xΦ12x18	19.7	1925	40	10.7	8.1
GTW12-121P6-1		1.6			28.2	1925	63	16.8	12.7
GTW12-121P7-1		1.75			30.4	1925	69	18.4	13.9
GTW12-122P0-1		2.0			35.2	1925	79	21.1	15.9
GTW12-131P0-1	1350	1.0	Φ485	8xΦ12x18	21.3	2080	40	10.7	8.7
GTW12-131P6-1		1.6			30.5	2080	63	16.8	13.7
GTW12-131P7-1		1.75			32.8	2080	69	18.4	15
GTW12-132P0-1		2.0			38	2080	79	21.1	17.2

注 REMARK

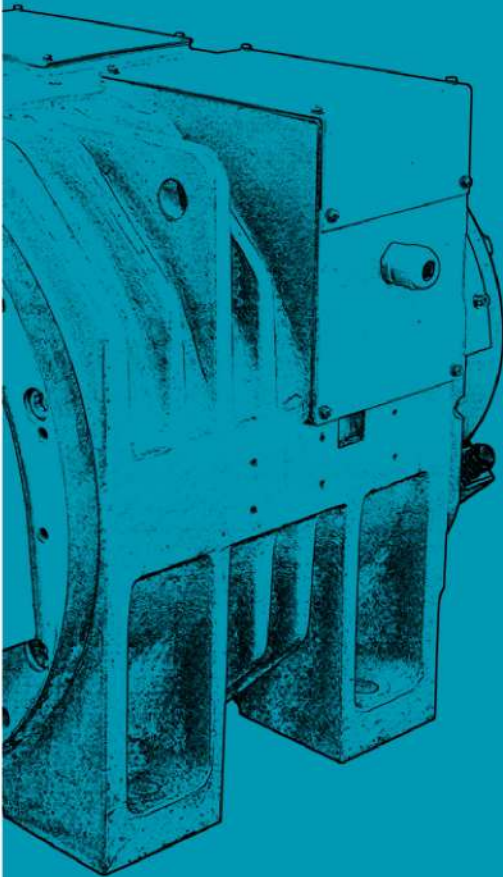
无机房配置时，本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。如有需求手动远程松闸装置，可以选配。

For machine room less, the standard configuration of this machine does not include manual brake release, customers use electric brake release please. The manual brake release is optional.

CATALOG

ER SERIES

PERMANENT MAGNET SYNCHRONOUS
GEARLESS TRACTION MACHINE



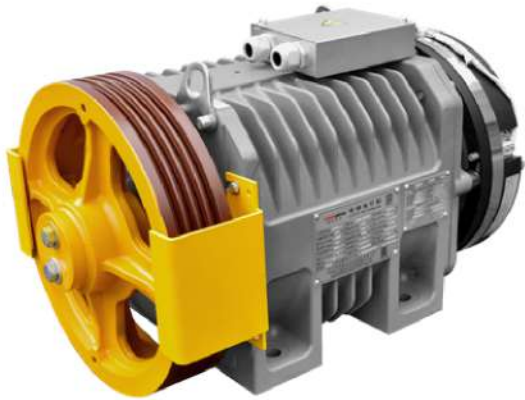
TORINDRIVE

TORINDRIVE strives for
the most excellent elevator components production group
with the intention of providing the personalized supporting
and all-round service for the clients

推荐表 (ER 系列) RECOMMENDATION FORM (ER SERIES)

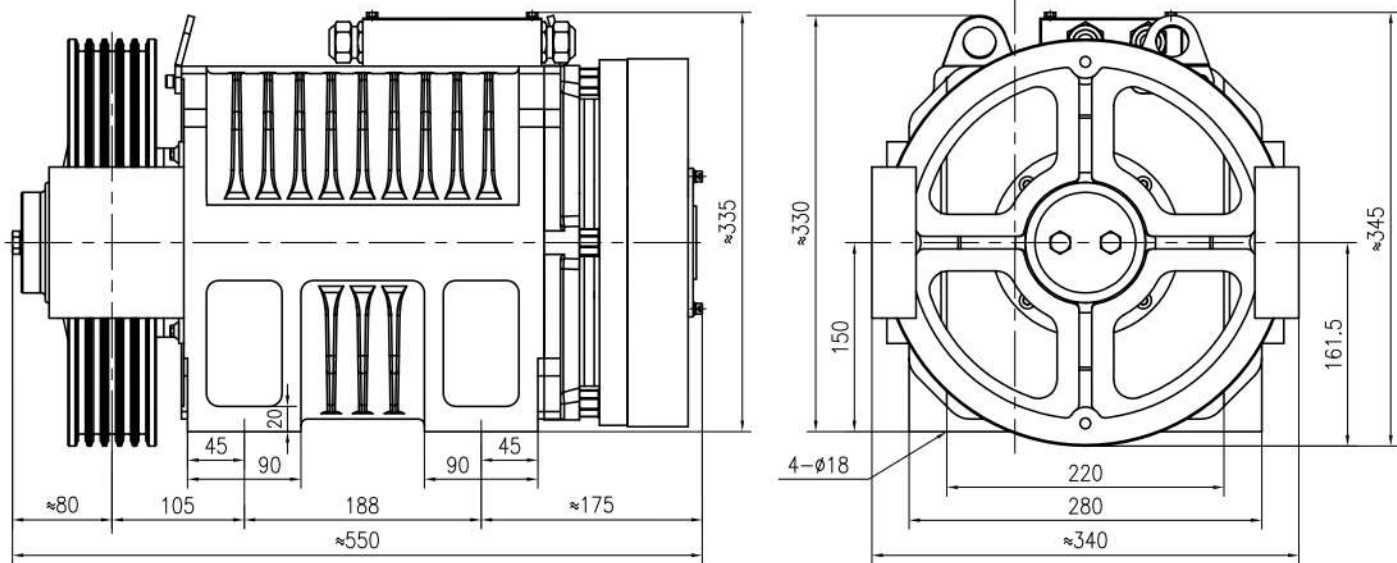
悬挂比 Suspension : 2:1	梯速 Lift Speed(m/s)						
额定载重 Load(kg)	1.0	1.5	1.6	1.75	2.0	2.5	3.0
450	ERSL(Φ320)						
630	ERSL(Φ320)						
800	ER1L(Φ320)						
1000							
1050							
1150	ER1L(Φ320)						
	ER2D(Φ320)						
	ER5(Φ400)						ER5(Φ450)
1250	ER2D(Φ320)						
	ER5(Φ400)						ER5(Φ450)
	ER6D(Φ440)		ER6D(Φ440)				
1350	ER3(Φ320)						
	ER5(Φ400)						ER5(Φ450)
	ER6D(Φ440)		ER6D(Φ440)				
1600	ER3(Φ320)						
	ER5(Φ400)						
	ER6D(Φ440)		ER6D(Φ440)				
2250	ER6D(Φ440)		ER6D(Φ440)				

ERSL



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	20
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
PZ1000B 制动器	Brake	DC110V 2×1.41A
最大静态载荷	Max.Static Load	2000kg
自重	Weight	175kg

外形图
MACHINE'S DIMENSION



规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
ERSL-41P0A	450	1.0	Φ320	4×Φ8×12	8.3	228	120	20	2.9
ERSL-41P5A		1.5			10.8	240	179	29.8	4.5
ERSL-41P6A		1.6			12.5	240	192	32	4.8
ERSL-41P7A		1.75			12.5	240	209	34.8	5.3
ERSL-61P0A	630	1.0	Φ320	5×Φ8×12	11	318	120	20	4
ERSL-61P5A		1.5			14.9	336	179	29.8	6.3
ERSL-61P6A		1.6			18	336	192	32	6.8
ERSL-61P7A		1.75			18	336	209	34.8	7.4

注 REMARK

本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。
如有需求手动远程松闸装置，可以选配。

The standard configuration of this machine does not include manual brake release, customers use electric brake release please.
The manual brake release is optional.

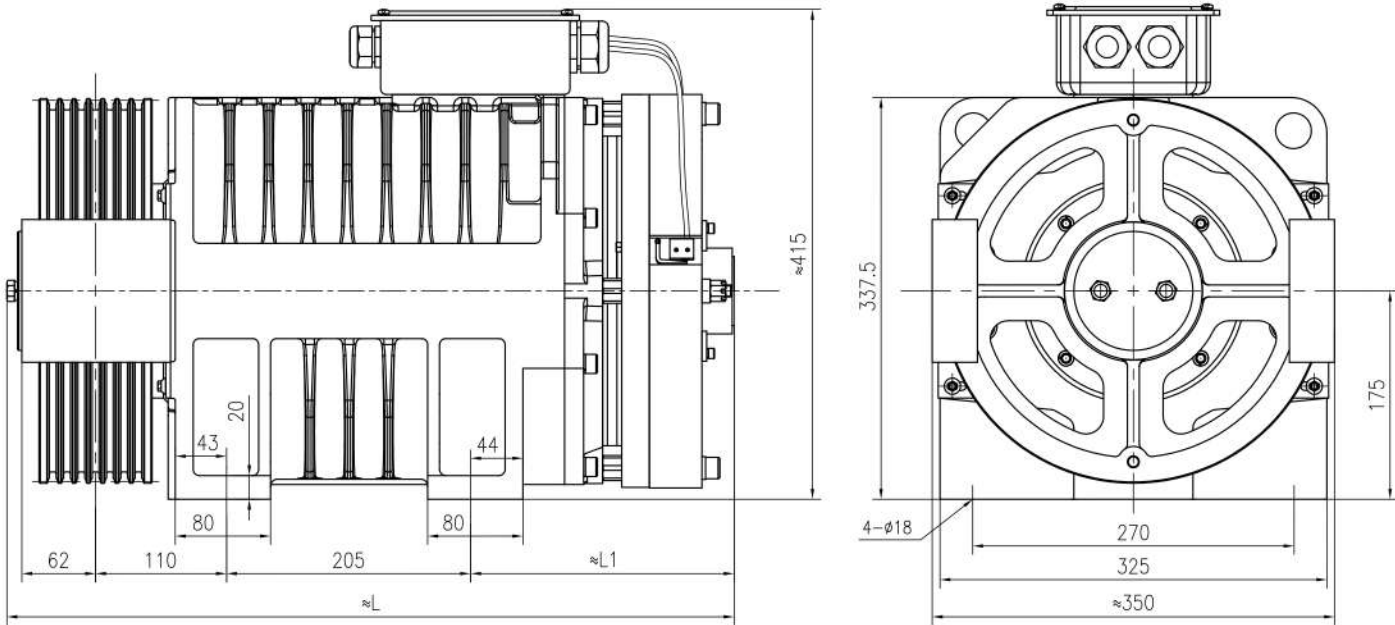
ER1L



电梯曳引机 ELEVATOR TRACTION MACHINE

悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	20
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
PZ1400B 制动器	Brake	DC110V 2×0.9A
最大静态载荷	Max.Static Load	3500kg
自重	Weight	245kg

外形图 MACHINE'S DIMENSION



规格参数 TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)	长度 Length L1	长度 Length L
ER1L-61P0A	630	1.0	Φ320	5×Φ8×12	9.5	318	120	20	4	223	615
ER1L-61P5A		1.5			15	330	179	29.8	6.2		
ER1L-61P6A		1.6			15	330	192	32	6.6		
ER1L-61P7A		1.75			15.8	330	209	34.8	7.2		
ER1L-62P0A		2.0			18	330	239	39.8	8.3		
ER1L-81P0A	800	1.0	Φ320	6×Φ8×12	14	401	120	20	5	223	615
ER1L-81P5A		1.5			20.2	420	179	29.8	7.9		
ER1L-81P6A		1.6			20.2	420	192	32	8.4		
ER1L-81P7A		1.75			21.7	420	209	34.8	9.2		
ER1L-82P0A		2.0			23.5	420	239	39.8	10.5		
ER1L-101P0AD	1000	1.0	Φ320	7×Φ8×12	15.4	482	120	20	6.1	223	615
ER1L-101P5AD		1.5			22.3	506	179	29.8	9.5		
ER1L-101P6AD		1.6			26.8	506	192	32	10.2		
ER1L-101P7AD		1.75			26.8	506	209	34.8	11.1		
ER1L-102P0AD		2.0			28.3	506	239	39.8	12.7		
ER1L-101P0A	1050	1.0	Φ320	7×Φ8×12	17.6	506	120	20	6.4	223	615
ER1L-101P5A		1.5			26	525	179	29.8	9.8		
ER1L-101P6A		1.6			26	525	192	32	10.6		
ER1L-101P7A		1.75			27.5	525	209	34.8	11.5		
ER1L-102P0A		2.0			29.4	525	239	39.8	13.1		
ER1L-111P0A	1150	1.0	Φ320	7×Φ8×12	18.2	615	120	20	7.7	265	657
ER1L-111P5A		1.5			30	615	179	29.8	11.5		
ER1L-111P6A		1.6			30	615	192	32	12.4		
ER1L-111P7A		1.75			30	615	209	34.8	13.5		
ER1L-112P0A		2.0			33.6	615	239	39.8	15.4		

注 REMARK

- 1. 载重 1050kg 及以下机型，最大静态载荷 3000kg。
- 2. 本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。如有需求手动远程松闸装置，可以选配。

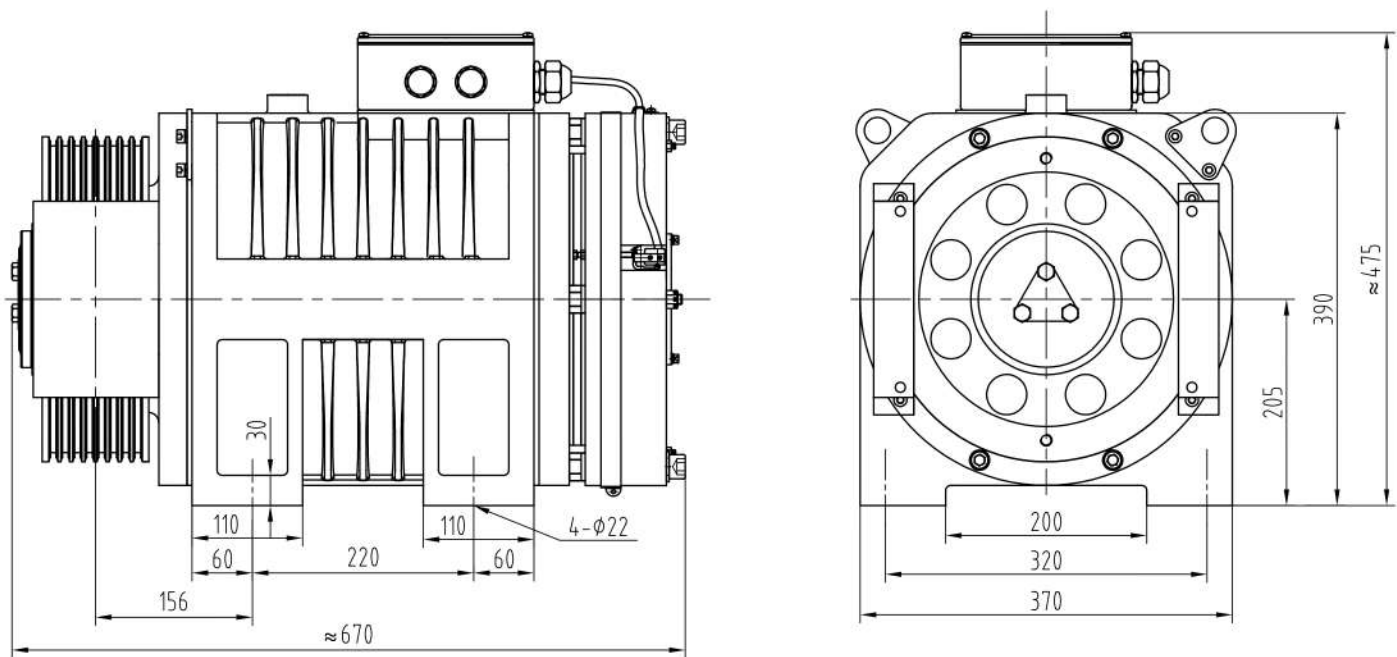
- 1.The max.static load is 3000kg, when the spec with a load ≤1050kg.
 - 2.The standard configuration of this machine does not include manual brake release, customers use electric brake release please.
- The manual brake release is optional.

ER2D



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	20
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
PZ1600B 制动器	Brake	DC110V 2×1.8A
最大静态载荷	Max.Static Load	3800kg
自重	Weight	360kg

外形图
MACHINE'S DIMENSION



规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
ER2D-111P0C	1150	1.0	Φ320	8×Φ8×12	18.3	630	119	19.9	7.8
ER2D-111P5C		1.5			28	630	179	29.8	11.8
ER2D-111P6C		1.6			28	630	192	32	12.7
ER2D-111P7C		1.75			30.5	630	209	34.8	13.8
ER2D-112P0C		2.0			33.5	630	239	39.8	15.8
ER2D-121P0C	1250	1.0	Φ320	8×Φ8×12	19.8	680	119	19.9	8.5
ER2D-121P5C		1.5			30.3	680	179	29.8	12.7
ER2D-121P6C		1.6			30.3	680	192	32	13.8
ER2D-121P7C		1.75			32.8	680	209	34.8	14.9
ER2D-122P0C		2.0			38.9	680	239	39.8	17

注 REMARK
本机型标配不含手动远程松闸装置，请客户自备电动松闸装置。
如有需求手动远程松闸装置，可以选配。

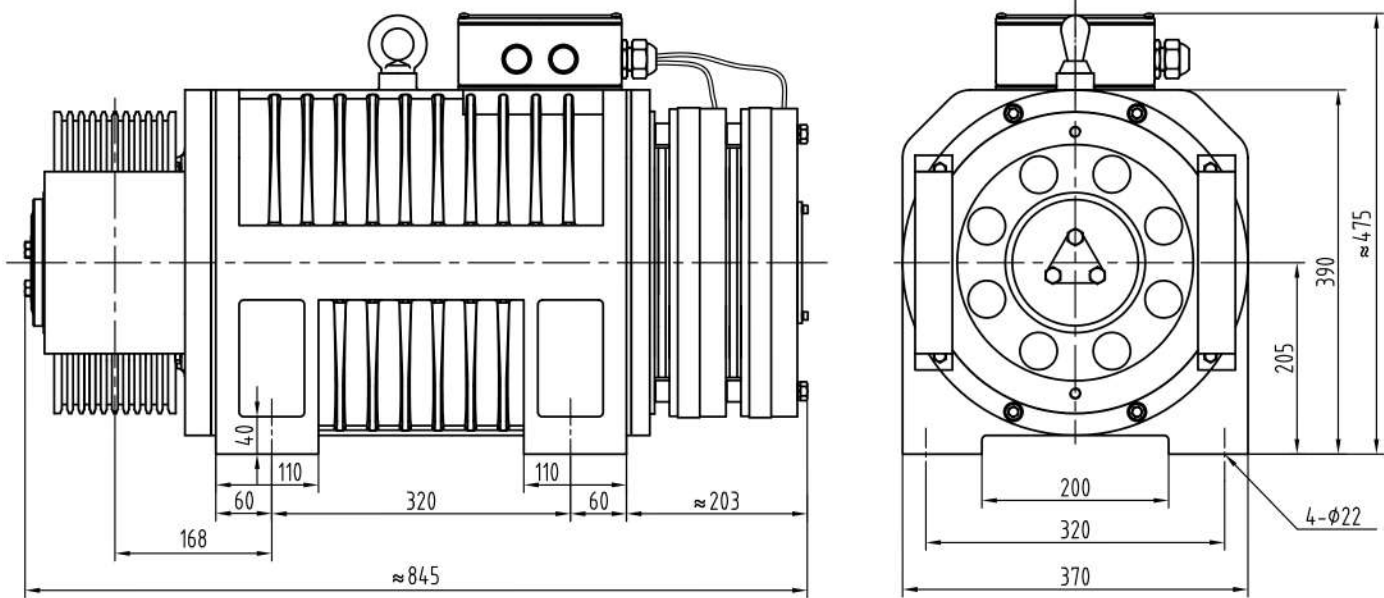
The standard configuration of this machine does not include manual brake release, customers use electric brake release please.
The manual brake release is optional.

ER3



电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	20
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
SPZ800B 制动器	Brake	DC110V 2×1.5A
最大静态载荷	Max.Static Load	4500kg
自重	Weight	455kg

外形图
MACHINE'S DIMENSION



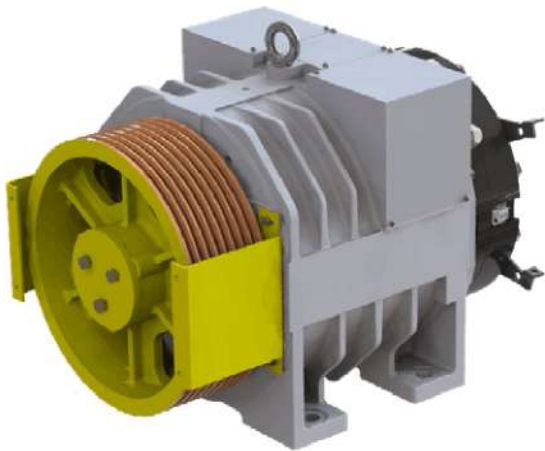
规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
ER3-131P0B	1350	1.0	Φ320	9×Φ8×12	22.8	735	119	19.9	9.2
ER3-131P5B		1.5			33	735	179	29.8	13.8
ER3-131P6B		1.6			33	735	192	32	14.8
ER3-131P7B		1.75			36.8	735	209	34.8	16.1
ER3-132P0B		2.0			41.5	735	239	39.8	18.4
ER3-161P0B	1600	1.0	Φ320	10×Φ8×12	27	870	119	19.9	10.8
ER3-161P5B		1.5			39	870	179	29.8	16.3
ER3-161P6B		1.6			39	870	192	32	17.5
ER3-161P7B		1.75			43.5	870	209	34.8	19
ER3-162P0B		2.0			49	870	239	39.8	21.8

注 REMARK

本机型无手动松闸装置，客户需自配电动松闸。

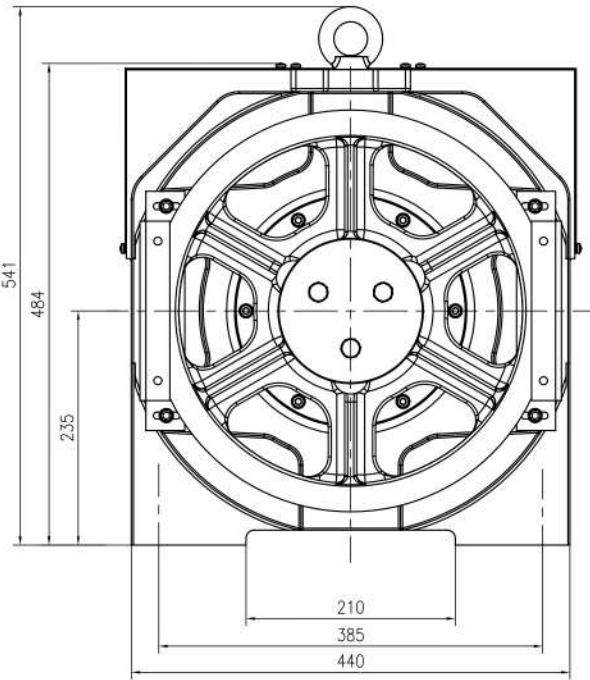
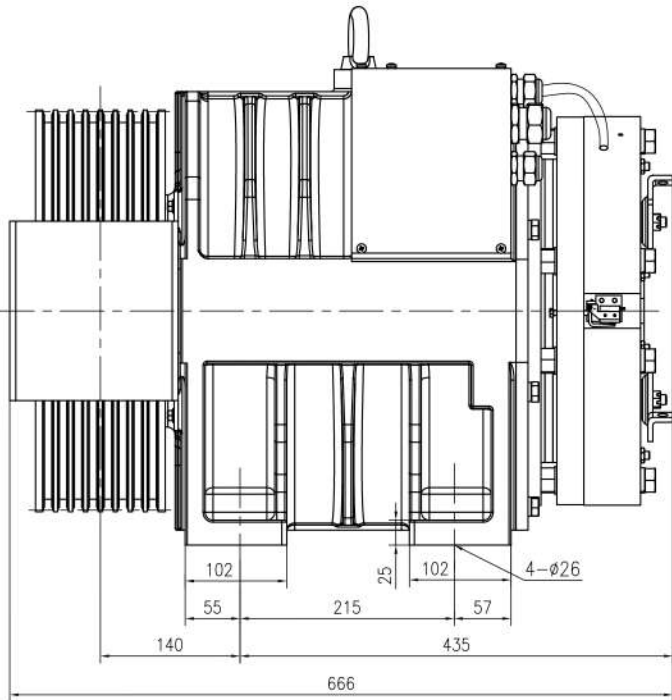
This machine without manual brake release,customers with electric brake release.



ER5

电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
PZ2500B 制动器	Brake	DC110V 2×2.1A
最大静态载荷	Max.Static Load	5500kg
自重	Weight	450kg

外形图
MACHINE'S DIMENSION



规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
ER5-111P0	1150	1.0	Φ400	6×Φ10×16	19.3	730	96	25.6	7.3
ER5-111P5		1.5			33	730	143	38.1	10.9
ER5-111P6		1.6			33	730	153	40.8	11.7
ER5-111P7		1.75			33	730	167	44.5	12.8
ER5-112P0		2.0			37.2	730	191	50.9	14.6
ER5-112P5		2.5			47	730	239	63.7	18.3
ER5-113P0	1250	3.0	Φ450	6×Φ10×16	56.2	820	255	68	21.9
ER5-121P0		1.0	Φ400	7×Φ10×16	22.3	795	96	25.6	8
ER5-121P5		1.5			37.5	795	143	38.1	11.9
ER5-121P6		1.6			37.5	795	153	40.8	12.7
ER5-121P7		1.75			37.5	795	167	44.5	13.9
ER5-122P0		2.0			41	795	191	50.9	15.9
ER5-122P5		2.5			50.7	795	239	63.7	19.9
ER5-123P0	1350	3.0	Φ450	7×Φ10×16	57.5	890	255	68	23.8
ER5-131P0		1.0	Φ400	7×Φ10×16	24	855	96	25.6	8.6
ER5-131P5		1.5			40.3	855	143	38.1	12.8
ER5-131P6		1.6			40.3	855	153	40.8	13.7
ER5-131P7		1.75			40.3	855	167	44.5	15
ER5-132P0		2.0			44.1	855	191	50.9	17.1
ER5-132P5		2.5			54.5	855	239	63.7	21.4
ER5-133P0	1600	3.0	Φ450	7×Φ10×16	62.3	965	255	68	25.8
ER5-161P0		1.0	Φ400	8×Φ10×16	27	1015	96	25.6	10.2
ER5-161P5		1.5			47	1015	143	38.1	15.2
ER5-161P6		1.6			47	1015	153	40.8	16.3
ER5-161P7		1.75			47	1015	167	44.5	17.7
ER5-162P0		2.0			50.4	1015	191	50.9	20.3
ER5-162P5		2.5			64	1015	239	63.7	25.4

注 REMARK

本机型无手动松闸装置，客户需自配电动松闸。

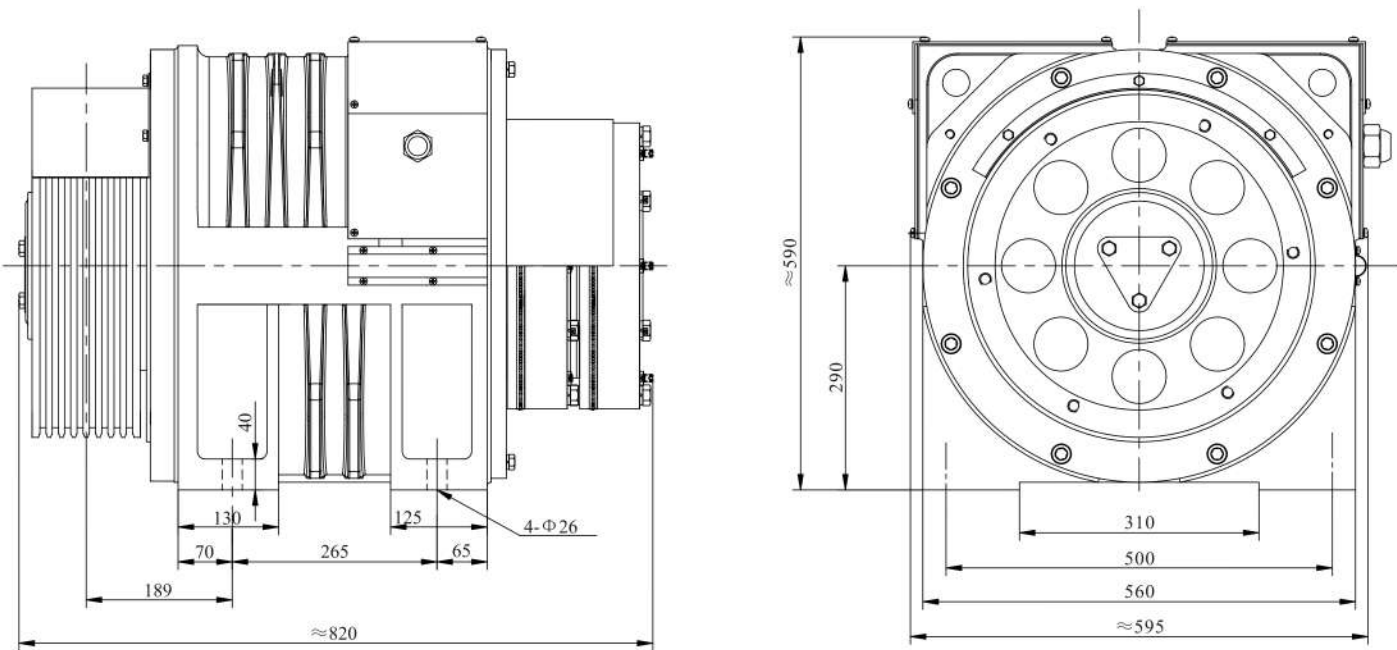
This machine without manual brake release,customers with electric brake release.



ER6D

电梯曳引机 ELEVATOR TRACTION MACHINE		
悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	20
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
SPZ1600 制动器	Brake	DC110V 2×2.1A
最大静态载荷	Max.Static Load	6000kg
自重	Weight	880kg

外形图
MACHINE'S DIMENSION



规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
ER6D-121P0	1250	1.0	Φ440	7×Φ10×16	20.2	860	87	14.5	7.8
ER6D-121P6		1.6			30.6	860	139	23.2	12.6
ER6D-121P7		1.75			33	860	153	25.5	13.8
ER6D-122P0		2.0			36.8	860	174	29	15.7
ER6D-131P0	1350	1.0	Φ440	7×Φ10×16	21.8	920	87	14.5	8.4
ER6D-131P6		1.6			33.1	920	139	23.2	13.4
ER6D-131P7		1.75			35.5	920	153	25.5	14.8
ER6D-132P0		2.0			39.8	920	174	29	16.8
ER6D-161P0	1600	1.0	Φ440	8×Φ10×16	26.3	1120	87	14.5	10.2
ER6D-161P6		1.6			39.8	1120	139	23.2	16.3
ER6D-161P7		1.75			42.9	1120	153	25.5	17.9
ER6D-162P0		2.0			47.9	1120	174	29	20.5
ER6D-221P0	2250	1.0	Φ440	8×Φ10×16	36.2	1530	87	14.5	13.9
ER6D-221P6		1.6			53.7	1530	139	23.2	22.3
ER6D-221P7		1.75			59.5	1530	153	25.5	24.5
ER6D-222P0		2.0			66.7	1530	174	29	27.9

注 REMARK

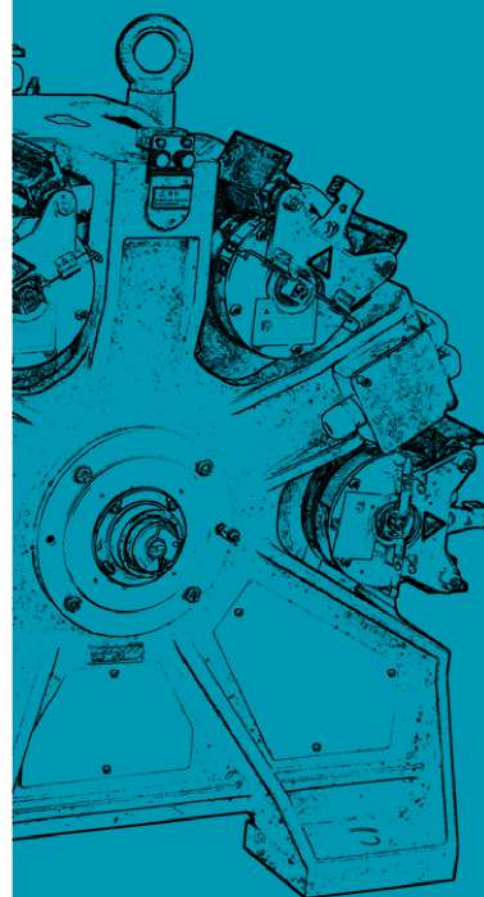
本机型无手动松闸装置，客户需自配电动松闸。

This machine without manual brake release,customers with electric brake release.

CATALOG

GTN SERIES

PERMANENT MAGNET SYNCHRONOUS
GEARLESS TRACTION MACHINE



TORINDRIVE

TORINDRIVE strives for
the most excellent elevator components production group
with the intention of providing the personalized supporting
and all-round service for the clients

推荐表 (GTN 系列) RECOMMENDATION FORM (GTN SERIES)

悬挂比 Suspension : 2:1	梯速 Lift Speed(m/s)							
额定载重 Load(kg)	1.0	1.5	1.75	2.0	2.5	3.0	4.0	
1000						GTNH2(Φ560)		
1250								
1350								
1600					GTNH2(Φ560)			
2000								
3000	GTN2C(Φ520)							
4000								
5000								

悬挂比 Suspension : 1:1	梯速 Lift Speed(m/s)			
额定载重 Load(kg)	5.0	6.0	7.0	8.0
1600	GTN3(Φ700)			
2000				



GTNH2

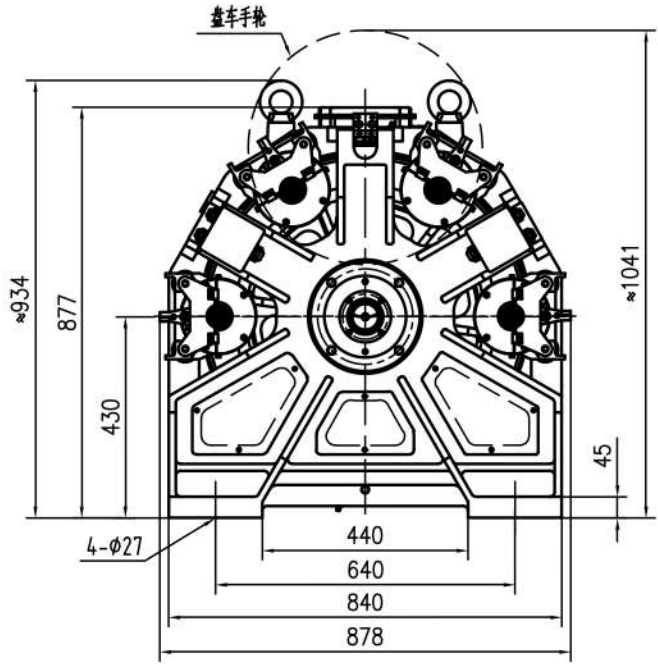
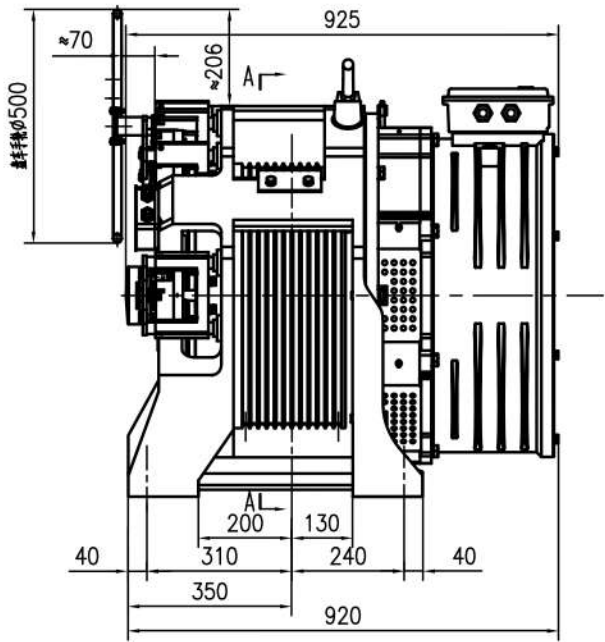
电梯曳引机 ELEVATOR TRACTION MACHINE

悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	20
工作制	Rating	S5 (50%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP21
PZD140B 制动器	Brake	DC110V 2×0.89A
PZD140 制动器		DC110V 4×0.69A
最大静态载荷	Max.Static Load	14000kg
自重	Weight	1120kg

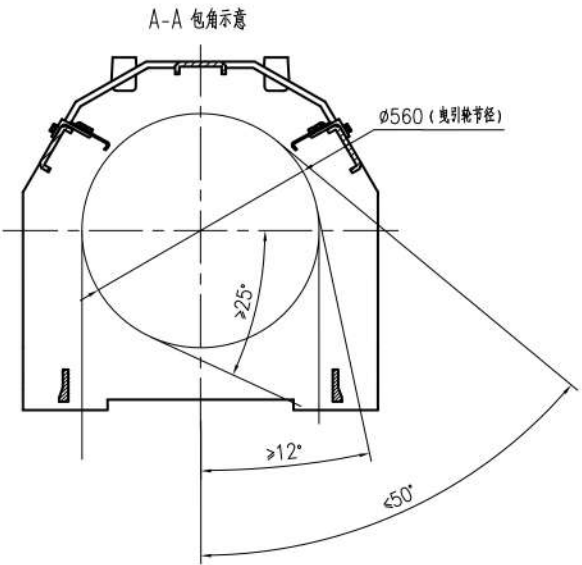
规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	复绕 Double Roping	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
GTNH2-103P0	1000	3.0	Φ560	10xΦ13x18	YES	42.8	955	205	34.2	20.5
GTNH2-104P0		4.0				56.5	955	273	45.5	27.3
GTNH2-123P0	1250	3.0	Φ560	10xΦ13x18	YES	53.3	1190	205	34.2	25.5
GTNH2-124P0		4.0				72	1190	273	45.5	34
GTNH2-133P0	1350	3.0	Φ560	10xΦ13x18	YES	57.2	1290	205	34.2	27.7
GTNH2-134P0		4.0				75.5	1290	273	45.5	36.9
GTNH2-162P5	1600	2.5	Φ560	12xΦ13x18	YES	56.5	1525	171	28.5	27.3
GTNH2-163P0		3.0				69.5	1525	205	34.2	32.7
GTNH2-164P0		4.0				93	1525	273	45.5	43.6
GTNH2-202P5	2000	2.5	Φ560	12xΦ13x18	YES	72	1910	171	28.5	34.2
GTNH2-203P0		3.0				90	1910	205	34.2	41
GTNH2-204P0		4.0				120	1910	273	45.5	54.3

外形图
MACHINE'S DIMENSION



注 REMARK
1000-1350kg 配 2 组 PZD140B 制动器；1600-2000kg 配 4 组 PZD140 制动器。
PZD140B for 1000-1350kg; PZD140 for 1600-2000kg.





GTN2C

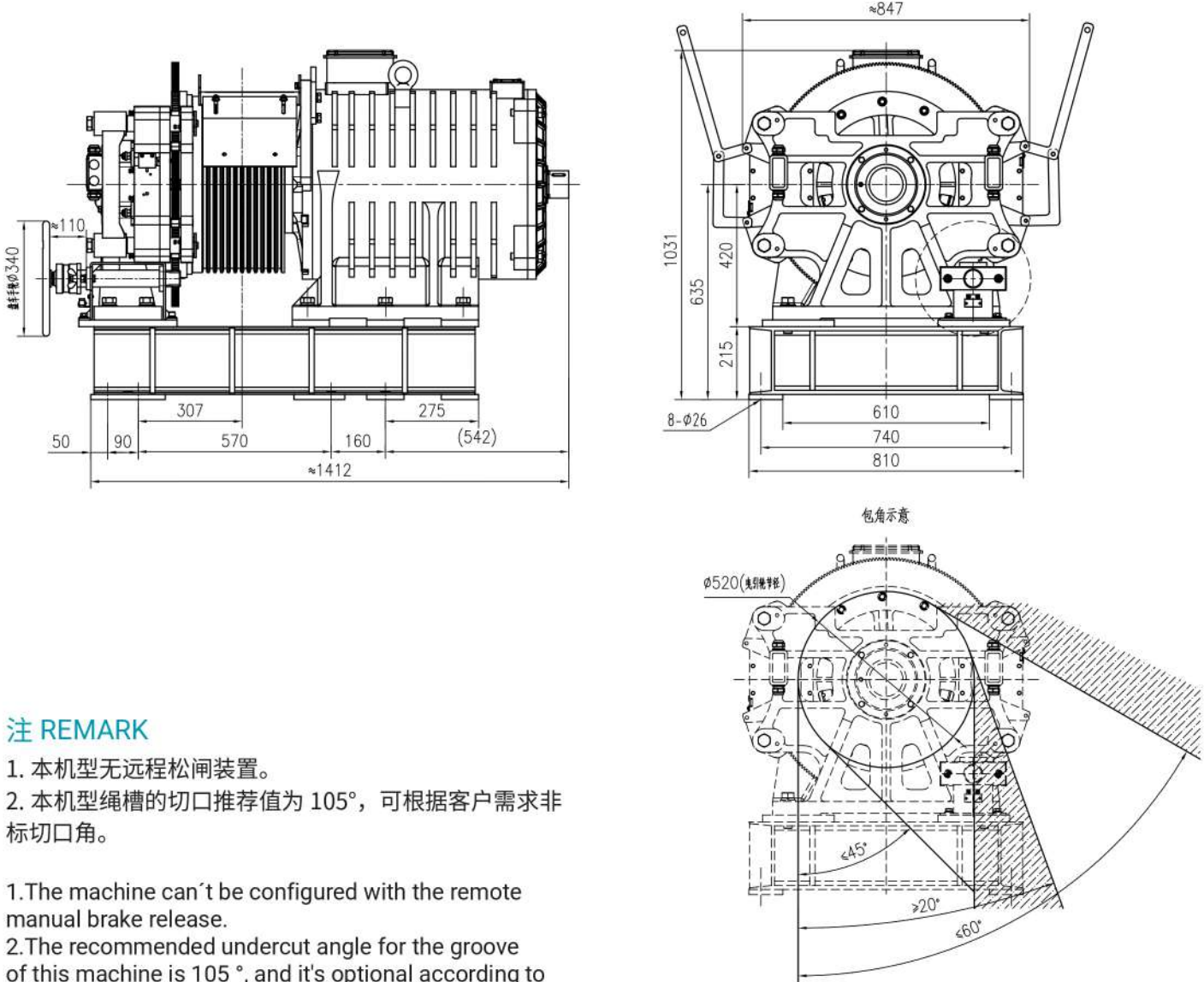
电梯曳引机 ELEVATOR TRACTION MACHINE

悬挂比	Suspension	2 : 1
电源电压	Voltage	380V
级数	Ploe	32
工作制	Rating	S5 (40%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
PZD360 制动器	Brake	DC110V 2×2.2A
最大静态载荷	Max.Static Load	14000kg
自重	Weight	1900kg

规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
GTN2C-301P0	3000	1.0	Φ520	8×Φ13×20	48	2400	73	19.5	18.3
GTN2C-301P5		1.5			69	2400	110	29.3	27.6
GTN2C-301P7		1.75			79	2400	128	34.1	32.2
GTN2C-302P0		2.0			90	2400	147	39.2	36.9
GTN2C-401P0	4000	1.0	Φ520	10×Φ13×20	60	3200	73	19.5	24.5
GTN2C-401P5		1.5			88	3200	110	29.3	36.9
GTN2C-401P7		1.75			101	3200	128	34.1	42.9
GTN2C-402P0		2.0			118	3200	147	39.2	49.3
GTN2C-501P0	5000	1.0	Φ520	12×Φ13×20	72	4000	73	19.5	30.6
GTN2C-501P5		1.5			105	4000	110	29.3	46.1
GTN2C-501P7		1.75			124	4000	128	34.1	53.6
GTN2C-502P0		2.0			142	4000	147	39.2	61.6

外形图
MACHINE'S DIMENSION



- 注 REMARK
1. 本机型无远程松闸装置。
 2. 本机型绳槽的切口推荐值为 105°，可根据客户需求非标切口角。
- 1.The machine can't be configured with the remote manual brake release.
- 2.The recommended undercut angle for the groove of this machine is 105 °, and it's optional according to practical condition.



GTN3

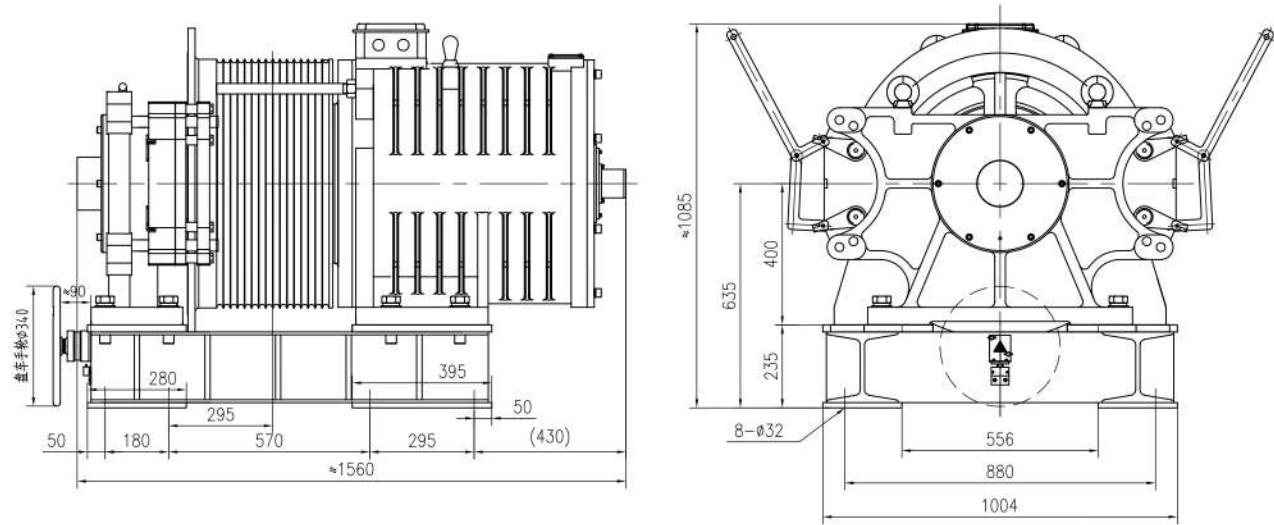
电梯曳引机 ELEVATOR TRACTION MACHINE

悬挂比	Suspension	1 : 1
电源电压	Voltage	380V
级数	Ploe	24
工作制	Rating	S5 (60%)
绝缘等级	INS.Class	F
防护等级	IP Code	IP41
PZD360 制动器	Brake	DC110V 2×2.2A
最大静态载荷	Max.Static Load	36000kg
自重	Weight	3000kg

规格参数
TECHNICAL DATA

规格号 Spec	载重 Load (kg)	梯速 Lift Speed (m/s)	曳引轮直径 Sheave Diam(mm)	绳轮 Rope Sheave (mm)	复绕 Double Roping	额定电流 Current (A)	额定转矩 Torque (Nm)	额定转速 Rated Speed (rpm)	额定频率 Frequency (Hz)	功率 Power (kW)
GTN3-165P0-1	1600	5.0	Φ700	14×Φ16×20	YES	123	3750	137	27.4	53.9
GTN3-166P0-1		6.0				141	3750	164	32.8	64.6
GTN3-167P0-1		7.0				165	3750	192	38.4	75.4
GTN3-168P0-1		8.0				195	3750	218	43.6	85.6
GTN3-205P0-1	2000	5.0	Φ700	16×Φ16×20	YES	147	4700	137	27.4	67.2
GTN3-206P0-1		6.0				174	4700	164	32.8	80.6
GTN3-207P0-1		7.0				213	4700	192	38.4	94
GTN3-208P0-1		8.0				238	4700	218	43.6	107

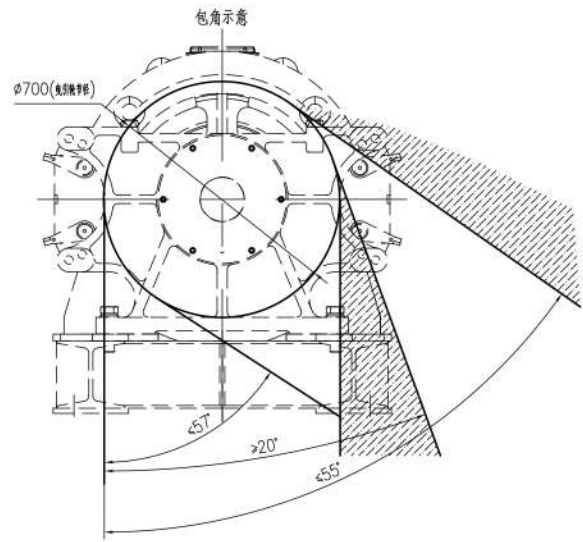
外形图
MACHINE'S DIMENSION



注 REMARK

本机无远程松闸装置。

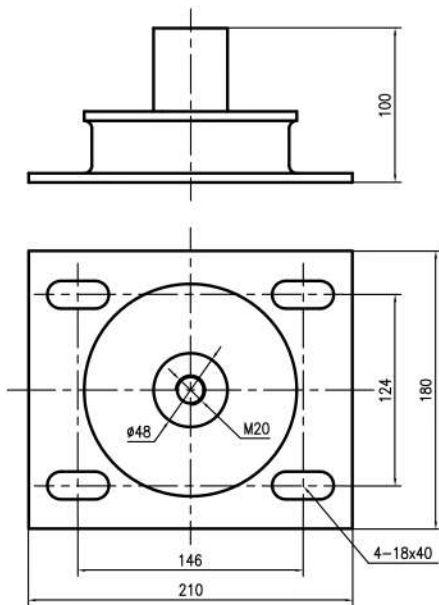
The machine can't be configured with the remote manual brake release.



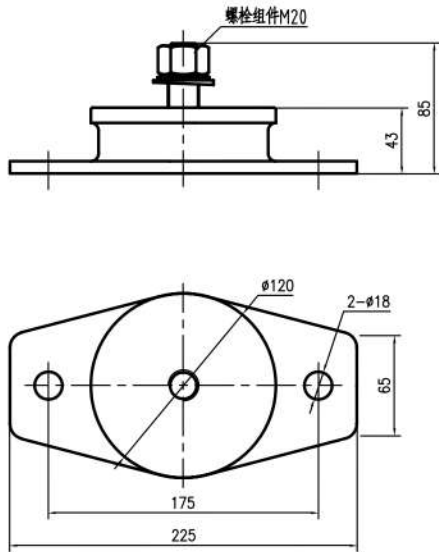
注：钢丝绳绕出角度按上图所示范围，避开阴影部分。
Note: the angle of the wire rope is around the range shown above, avoiding the shadow part.

减震垫 ABSORBER

硬度	Hardness	邵氏 80±5
变形量	Defurmentation	1200kg/2mm
极限载荷	Max Load	6000kg
粘合力	Agglutinated Power	≥25kg/cm²

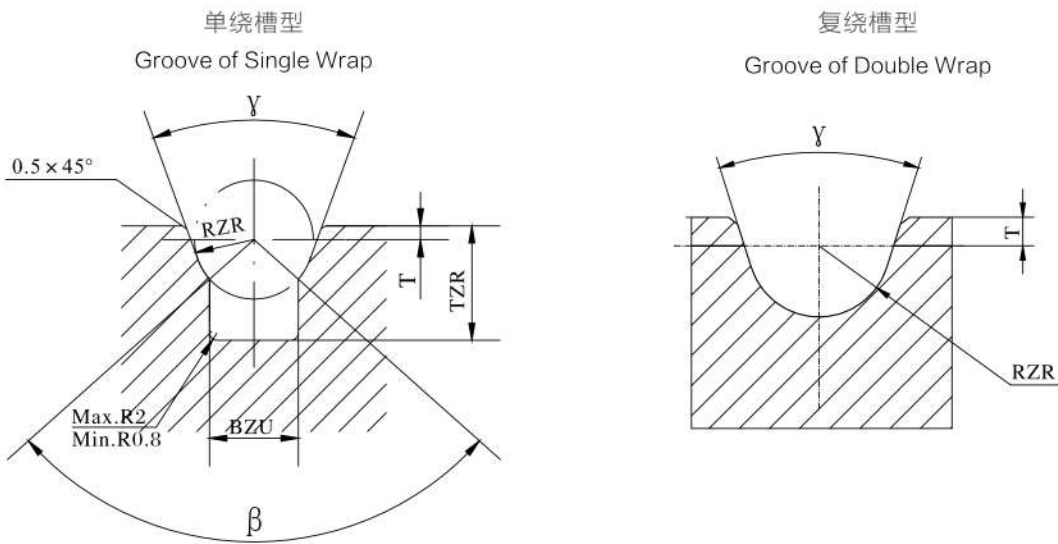


A型减震垫



B型减震垫

绳槽图 ROPE GROOVE



槽型 Groove	绳径 Rope	β 角	γ 角	BZU	RZR	TZR	T
单绕 Single Wrap	8	90	30	5.66	4	9.5	1.5
	10	95	30	7.37	5	12.5	1.5
	11	95	30	8.11	5.5	12.5	1.5
	12	95	30	8.85	6	12.5	1.5
	13	96.5	30	9.70	6.5	12.5	1.5
复绕 Double Wrap	10	-	35	-	5.2	-	2
	12	-	35	-	6.2	-	2
	13	-	35	-	6.7	-	2
	16	-	35	-	8.2	-	2

注 REMARK
推荐使用我司常规槽型，选用应按电梯实际参数计算曳引能力及钢丝绳安全系数。

This is our factory standard configuration groove.
The user should calculate according to the elevator traction condition and the safety factor of rope.



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