

MONADrive®

蒙 纳 智 造 驱 动 未 来

电梯驱动主机系统解决方案提供商
LIFT TRACTION MACHINE SYSTEM SOLUTION PROVIDER



微信公众号

MONADrive®

苏州蒙特纳利驱动设备有限公司

2024

**MONA
DRIVE**

蒙纳智造 驱动未来
MONA INTELLIGENCE DRIVE THE FUTURE

永磁同步无齿轮曳引机选型册 **2024**
PMS GEARLESS TRACTION MACHINE SELECTION GUIDE

MONADrive® 2024版

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SUZHOU MONA DRIVE EQUIPMENT CO.,LTD.

COMPANY INTRODUCTION

公司简介

专注 · 创新 · 卓越 FOCE · INNOVATION · EXCELLENT

MONADRIVE® 苏州蒙特纳利驱动设备有限公司（以下简称“蒙纳驱动”）坐落于长三角生态绿色一体化发展示范区，是行业知名的永磁同步无齿轮曳引机制造商。蒙纳驱动苏州生产基地占地60000余平方米，集技术研发、生产制造、产品销售和售后服务于一体，致力于为客户量身定制电梯驱动主机系统解决方案。

蒙纳驱动注重自主研发并不断创新，公司建有江苏省企业技术中心，苏州市工业设计中心，苏州市工程技术研究中心，先后荣获高新技术企业、智能工业示范企业、省级民营科技企业和省级专精特新企业等荣誉。

经过20年的发展，蒙纳驱动凭借专业的技术、卓越的产品、稳定的质量和优秀的服务得到了国内外客户的广泛认可，与众多国内外知名的电梯企业建立了长期良好的合作关系。

2022年蒙纳驱动自动化铸造工厂全面投产，新增多条生产装配线，搭载先进的生产加工设备，助力公司向“智造”迈向新台阶，实现了质的跨越。为实现公司全面可持续发展，立足中国，走向世界注入了全新的活力，让更多客户享受到“蒙纳智造”的技术服务，开启“驱动未来”的新篇章。

Monadrive is a leading manufacturer of PMS gearless traction machine with its headquarter located in the Yangtze River Delta demonstration area and covered about 60,000 square meters. Integrating technology research, product manufacturing and sales, and after-sales service, Monadrive is committed to providing customized drive machine solutions with advanced technology.

Focusing on independent research and innovation, it establishes Jiangsu Province Enterprise Technology Center, Suzhou Industrial Design Center and Engineering Technology Research Center, and is awarded many honors like High-Tech Enterprise, Intelligent Industrial Demonstration Enterprise and Provincial Private Technology Enterprise.

For 20 years' development and with professional technology, high quality and excellent service, Monadrive has been widely recognized by customers and has established long-term good cooperation with many well-known elevator companies at home and abroad.

In 2022, Monadrive's Automated Casting Factory starts full operation, increasing new production lines with advanced equipment, to promote the company for a higher intelligent level and a qualitative leap. Based on China and going to the world, Monadrive devotes itself to achieving comprehensive and sustainable development, create smarter technical service and open a new chapter of "MONA Intelligence, Drive the Future".

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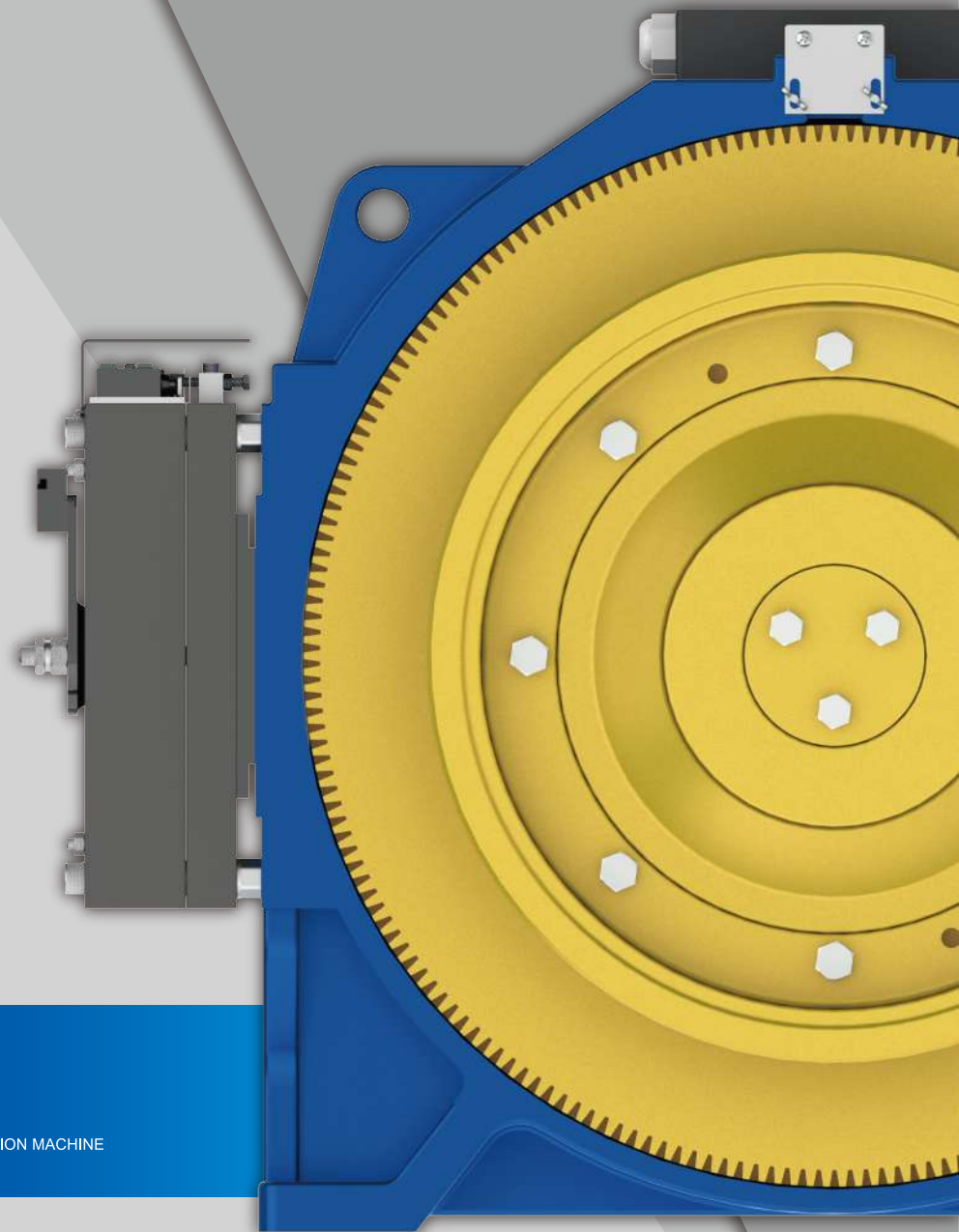


MONADRIVE®

MCK 系列
SERIES

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



MONADRIVE®

MCK SERIES INCLUDES MCK系列包括

额定载重Load(320~1000)kg
额定速度Speed(1.0~1.75)m/s

MCK100 ●

额定载重Load(630~1250)kg
额定速度Speed(1.0~2.5)m/s

MCK200 ●

额定载重Load(1250~1600)kg
额定速度Speed(1.0~2.5)m/s

MCK300 ●

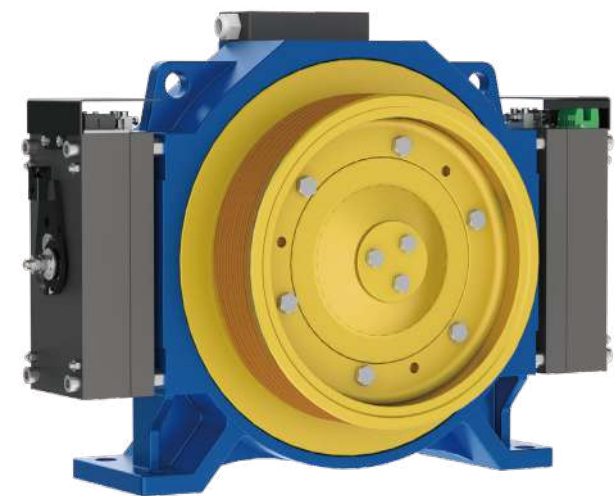
额定载重Load(1600~3000)kg
额定速度Speed(1.0~2.5)m/s

MCK500 ●

后置盘车REAR HANDWHEEL

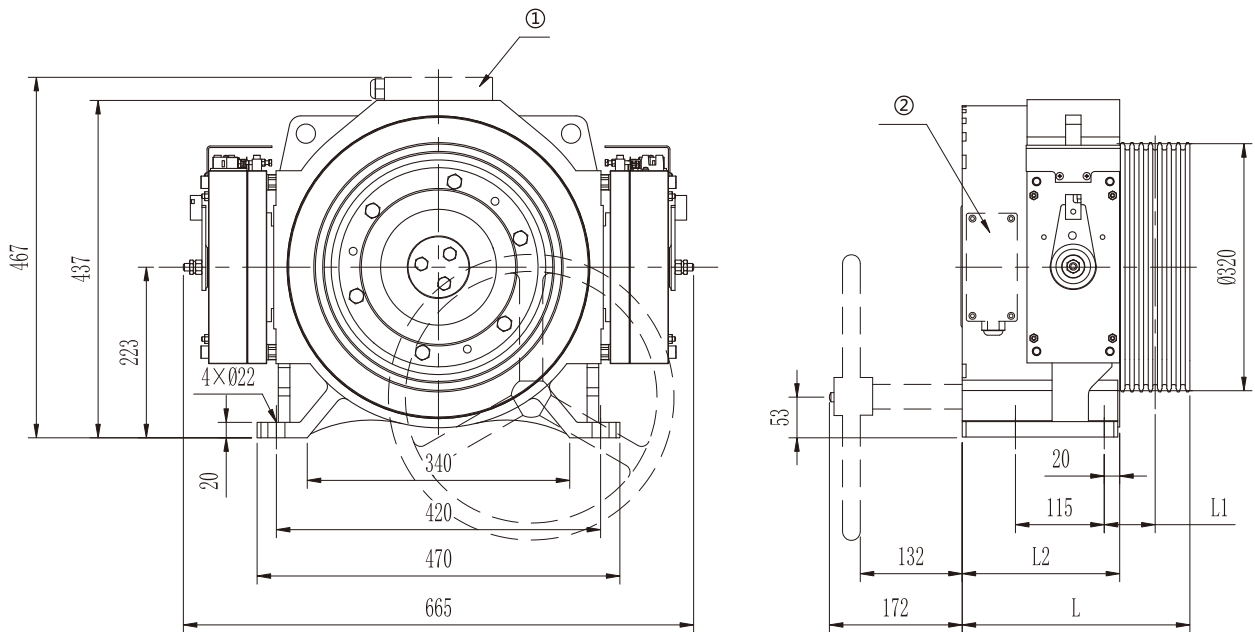
MCK100E

永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(320~1000)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ320mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	210kg
☉ 制动器型号 Brake Type EMK7K 电压U / 电流I DC110V / 2×1.3A		

安装尺寸图DIMENSIONS



- 注 Notes:
- ① 额定载重≤800kg时接线盒位置。 Terminal box position when load ≤800kg.
- ② 额定载重=1000kg时接线盒位置。 Terminal box position when load =1000kg.

规格表SPEC.SHEET

型号	Type	MCK100													
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	L2	切口角 ³	
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles				β Angle	
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	°	
320-1.0	320	1.0	320	3×Φ8×12	5	2.2	119	23.8	180	24	225	52	163	95	
320-1.5	320	1.5		3×Φ8×12	8	3.4	179	35.8	180	24					
450-1.0	450	1.0	320	4×Φ8×12	7	2.7	119	23.8	220	24	225	52	163		
450-1.5	450	1.5		4×Φ8×12	11	4.1	179	35.8	220	24					
450-1.6	450	1.6		4×Φ8×12	11	4.4	191	38.2	220	24					
450-1.75	450	1.75		4×Φ8×12	11	4.8	209	41.8	220	24					
630-1.0	630	1.0	320	5×Φ8×12	10	3.9	119	23.8	310	24	235	57	163		
630-1.5	630	1.5		5×Φ8×12	16	5.8	179	35.8	310	24					
630-1.6	630	1.6		5×Φ8×12	16	6.2	191	38.2	310	24					
630-1.75	630	1.75		5×Φ8×12	16	6.8	209	41.8	310	24					
800-1.0	800	1.0	320	6×Φ8×12	13	5.1	119	23.8	410	24	245	61	163		
800-1.5	800	1.5		6×Φ8×12	22	7.7	179	35.8	410	24					
800-1.6	800	1.6		6×Φ8×12	22	8.2	191	38.2	410	24					
800-1.75	800	1.75		6×Φ8×12	22	9.0	209	41.8	410	24					
1000-1.0	1000	1.0	320	7×Φ8×12	16	6.4	119	23.8	510	24	295	66	204		
1000-1.5	1000	1.5		7×Φ8×12	26	9.6	179	35.8	510	24					
1000-1.6	1000	1.6		7×Φ8×12	26	10.2	191	38.2	510	24					
1000-1.75	1000	1.75		7×Φ8×12	26	11.2	209	41.8	510	24					

- 注 Notes:
- ✍ *1、本机型可用于无机房。The machine can also be used for machine roomless.
- ✍ *2、本机型可选配前置盘车。Front handwheel is applicable for this model.
- ✍ *3、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

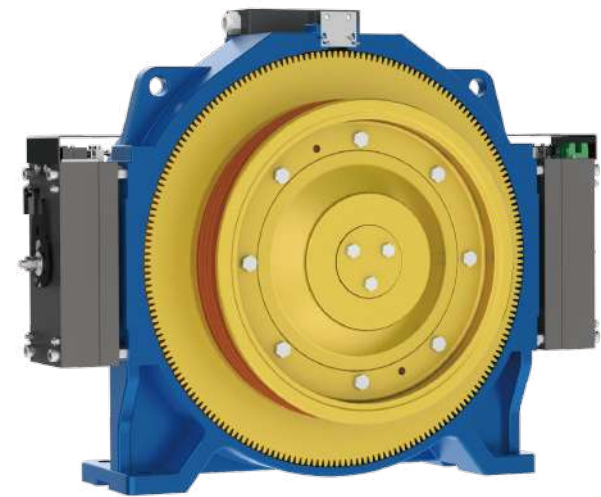
前置盘车 FRONT HANDWHEEL

MCK200

MONADRIVE®

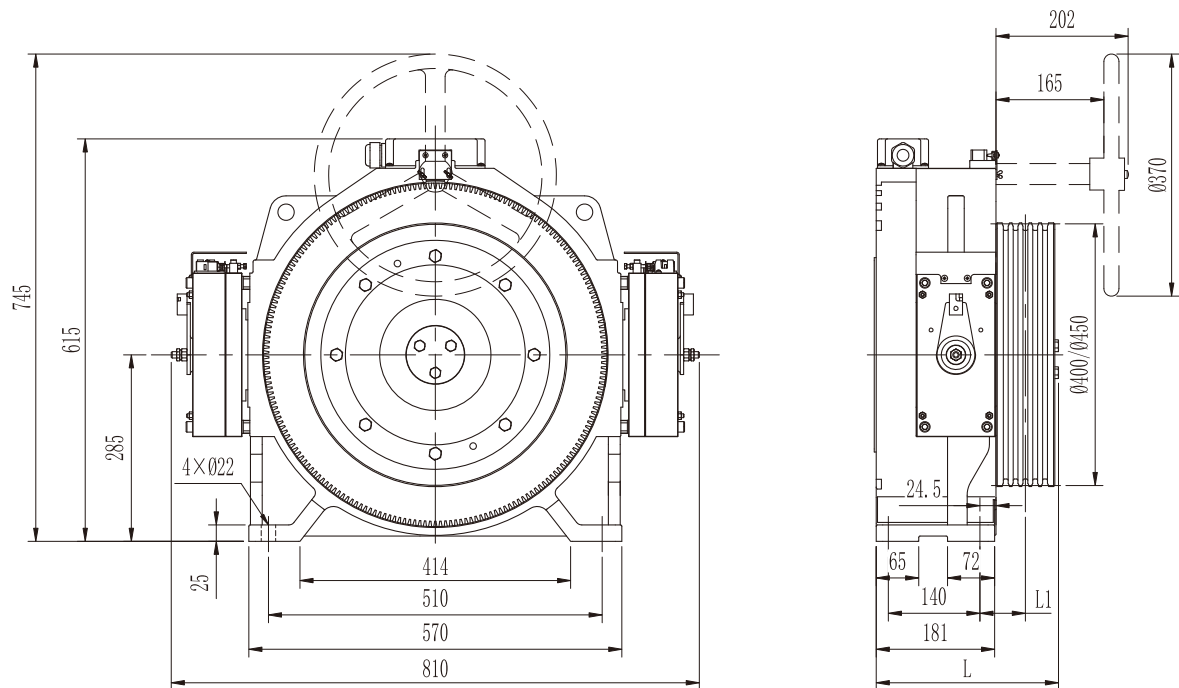
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1 / 4:1
● 额定载重	Load	(630~1150)kg
● 额定梯速	Elev. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Diam.	Φ400mm / Φ450mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	305kg
☉ 制动器型号 Brake Type EMK9K 电压U / 电流I DC110V / 2×1.3A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCK200											
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	切口角 ^{*3}
Spec.	Load	Elev. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles			β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	°
Roping 曳引比 2:1													
630-1.0	630	1.0	400	4×Φ10×15	10	4.2	95	25.3	420	32	280	69.5	95
630-1.5	630	1.5		4×Φ10×15	14	6.3	143	38.1	420	32			
630-1.6	630	1.6		4×Φ10×15	16	6.7	153	40.8	420	32			
630-1.75	630	1.75		4×Φ10×15	16	7.3	167	44.5	420	32			
630-2.0	630	2.0		4×Φ10×15	18	8.4	191	50.9	420	32			
800-1.0	800	1.0	400	5×Φ10×15	12	5.2	95	25.3	520	32	280	69.5	
800-1.5	800	1.5		5×Φ10×15	18	7.8	143	38.1	520	32			
800-1.6	800	1.6		5×Φ10×15	20	8.3	153	40.8	520	32			
800-1.75	800	1.75		5×Φ10×15	20	9.1	167	44.5	520	32			
800-2.0A	800	2.0		5×Φ10×15	23	10.4	191	50.9	520	32			
800-2.5A	800	2.5		6×Φ10×15	28	13.0	239	63.7	520	32	292	75.5	
1000-1.0	1000	1.0	400	5×Φ10×15	15	6.5	95	25.3	650	32	280	69.5	
1000-1.5	1000	1.5		5×Φ10×15	23	9.7	143	38.1	650	32			
1000-1.6	1000	1.6		5×Φ10×15	26	10.4	153	40.8	650	32			
1000-1.75	1000	1.75		5×Φ10×15	26	11.4	167	44.5	650	32			
1000-2.0A	1000	2.0		5×Φ10×15	28	13.0	191	50.9	650	32			
1000-2.5A	1000	2.5		6×Φ10×15	34	16.3	239	63.7	650	32	292	75.5	
1150-1.0	1150	1.0	400	5×Φ10×15	17	7.5	95	25.3	750	32	280	69.5	
1150-1.5	1150	1.5		6×Φ10×15	25	11.2	143	38.1	750	32	292	75.5	
1150-1.6	1150	1.6		6×Φ10×15	29	12.0	153	40.8	750	32			
1150-1.75	1150	1.75		6×Φ10×15	29	13.1	167	44.5	750	32			
1150-2.0	1150	2.0		6×Φ10×15	33	15.0	191	50.9	750	32			
800-2.0B	800	2.0	450	5×Φ10×15	23	10.5	170	45.3	590	32	280	69.5	
800-2.5B	800	2.5		5×Φ10×15	29	13.1	212	56.5	590	32			
1000-2.0B	1000	2.0	450	5×Φ10×15	28	13.0	170	45.3	730	32	280	69.5	
1000-2.5B	1000	2.5		6×Φ10×15	36	16.2	212	56.5	730	32	292	75.5	
Roping 曳引比 4:1													
2000-0.5	2000	0.5	400	5×Φ8×12	15	6.5	95	25.3	650	32	280	69.5	根据工况
2000-1.0	2000	1.0		6×Φ8×12	28	13.0	191	50.9	650	32			

注 Notes:

*1、本机型可用于无机房。The machine can also be used for machine roomless.

*2、本机型可选配后置盘车。Rear handwheel is applicable for this model.

*3、此切口角为推荐值。The undercut angle is recommended value.

1) 可根据客户需求非标切口角度。Undercut angle can be customized according to practical requirements.

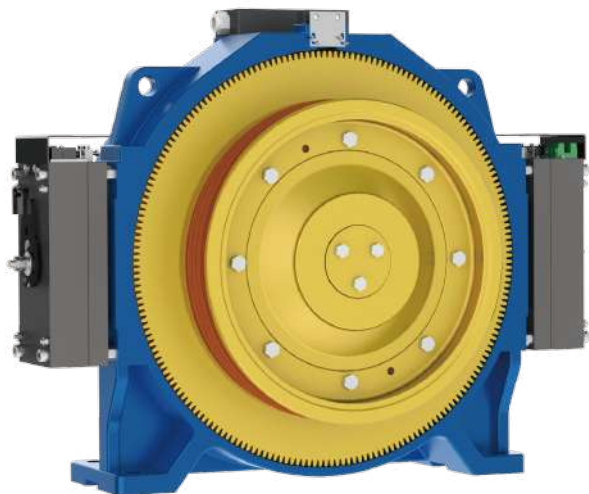
2) 额定速度>1.0m/s的有机房机型，建议增大切口角度。Elev. speed>1.0m/s in machine room, can increase undercut angle appropriately.

前置盘车 FRONT HANDWHEEL

MCK200 E

永磁同步无齿轮曳引机

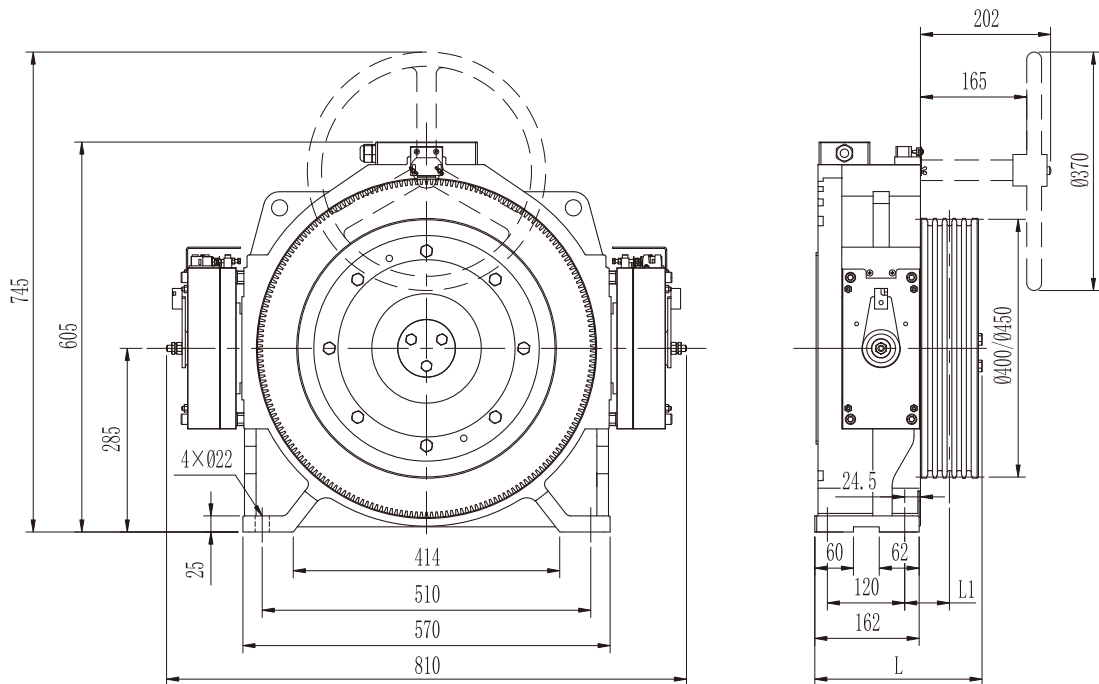
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1 / 4:1
● 额定载重	Load	(630~1250)kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Diam.	Φ400mm / Φ450mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	290kg

制动器型号 Brake Type **EMK9K** 电压U / 电流I DC110V / 2×1.3A

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCK200											
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	切口角 ³
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles			β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	°
Roping 曳引比 2:1													
630-1.0	630	1.0	400	4×Φ10×15	10	4.2	95	25.3	420	32	260	69.5	95
630-1.5	630	1.5		4×Φ10×15	14	6.3	143	38.1	420	32			
630-1.6	630	1.6		4×Φ10×15	16	6.7	153	40.8	420	32			
630-1.75	630	1.75		4×Φ10×15	16	7.3	167	44.5	420	32			
630-2.0	630	2.0		4×Φ10×15	18	8.4	191	50.9	420	32			
800-1.0	800	1.0	400	5×Φ10×15	12	5.2	95	25.3	520	32	260	69.5	
800-1.5	800	1.5		5×Φ10×15	18	7.8	143	38.1	520	32			
800-1.6	800	1.6		5×Φ10×15	20	8.3	153	40.8	520	32			
800-1.75	800	1.75		5×Φ10×15	20	9.1	167	44.5	520	32			
800-2.0	800	2.0		5×Φ10×15	23	10.4	191	50.9	520	32			
800-2.5	800	2.5		6×Φ10×15	28	13.0	239	63.7	520	32	272	75.5	
1000-1.0A	1000	1.0	400	5×Φ10×15	15	6.5	95	25.3	650	32	260	69.5	
1000-1.5A	1000	1.5		5×Φ10×15	23	9.7	143	38.1	650	32			
1000-1.6A	1000	1.6		5×Φ10×15	26	10.4	153	40.8	650	32			
1000-1.75A	1000	1.75		5×Φ10×15	26	11.4	167	44.5	650	32			
1000-2.0A	1000	2.0		5×Φ10×15	28	13.0	191	50.9	650	32			
1000-2.5A	1000	2.5		6×Φ10×15	34	16.3	239	63.7	650	32	272	75.5	
1150-1.0A	1150	1.0	400	5×Φ10×15	17	7.5	95	25.3	750	32	260	69.5	
1150-1.5A	1150	1.5		6×Φ10×15	25	11.2	143	38.1	750	32	272	75.5	
1150-1.6A	1150	1.6		6×Φ10×15	29	12.0	153	40.8	750	32			
1150-1.75A	1150	1.75		6×Φ10×15	29	13.1	167	44.5	750	32			
1150-2.0A	1150	2.0		6×Φ10×15	33	15.0	191	50.9	750	32			
1250-1.0	1250	1.0	400	6×Φ10×15	20	8.0	95	25.3	800	32	272	75.5	
1250-1.5	1250	1.5		6×Φ10×15	30	12.0	143	38.1	800	32			
1250-1.6	1250	1.6		6×Φ10×15	30	12.8	153	40.8	800	32			
1250-1.75	1250	1.75		6×Φ10×15	30	14.0	167	44.5	800	32			
1250-2.0	1250	2.0		6×Φ10×15	38	16.0	191	50.9	800	32			
1000-1.0B	1000	1.0	450	5×Φ10×15	15	6.5	85	22.7	730	32	260	69.5	
1000-1.5B	1000	1.5		5×Φ10×15	25	9.7	127	33.9	730	32			
1000-1.6B	1000	1.6		5×Φ10×15	25	10.4	136	36.3	730	32			
1000-1.75B	1000	1.75		5×Φ10×15	25	11.4	149	39.7	730	32			
1000-2.0B	1000	2.0		5×Φ10×15	28	13.0	170	45.3	730	32			
1000-2.5B	1000	2.5		6×Φ10×15	36	16.2	212	56.5	730	32	272	75.5	
1150-1.0B	1150	1.0	450	5×Φ10×15	18	7.1	85	22.7	800	32	260	69.5	
1150-1.5B	1150	1.5		6×Φ10×15	30	10.6	127	33.9	800	32	272	75.5	
1150-1.6B	1150	1.6		6×Φ10×15	30	11.4	136	36.3	800	32			
1150-1.75B	1150	1.75		6×Φ10×15	30	12.5	149	39.7	800	32			
1150-2.0B	1150	2.0		6×Φ10×15	33	14.2	170	45.3	800	32			
Roping 曳引比 4:1													
2000-0.5A	2000	0.5	400	5×Φ8×12	15	6.5	95	25.3	650	32	260	69.5	根据工况
2000-1.0A	2000	1.0		6×Φ8×12	28	13.0	191	50.9	650	32			
2000-0.5B	2000	0.5	450	5×Φ8×12	15	6.5	85	22.7	730	32	260	69.5	
2000-1.0B	2000	1.0		6×Φ8×12	28	13.0	170	45.3	730	32			

注 Notes:

✎ *1、本机型可用于无机房。The machine can also be used for machine roomless.

✎ *2、本机型可选配后置盘车。Rear handwheel is applicable for this model.

✎ *3、此切口角为推荐值。The undercut angle is recommended value.

📄 1) 可根据客户需求非标切口角度。Undercut angle can be customized according to practical requirements.

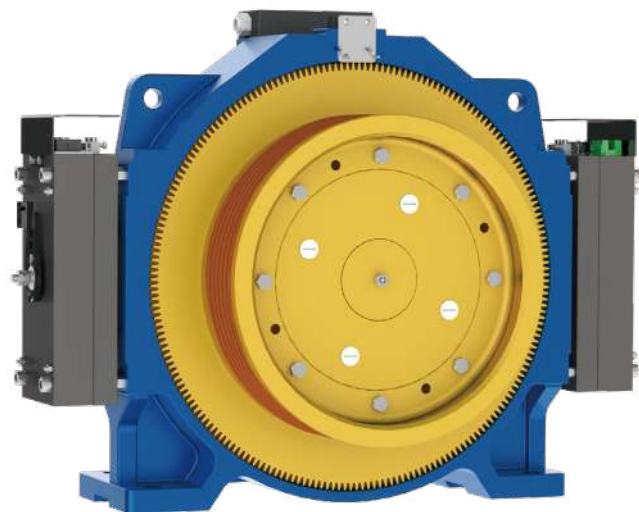
📄 2) 额定速度>1.0m/s的有机房机型，建议增大切口角度。Elv. speed>1.0m/s in machine room, can increase undercut angle appropriately.

前置盘车 FRONT HANDWHEEL

MCK300 E

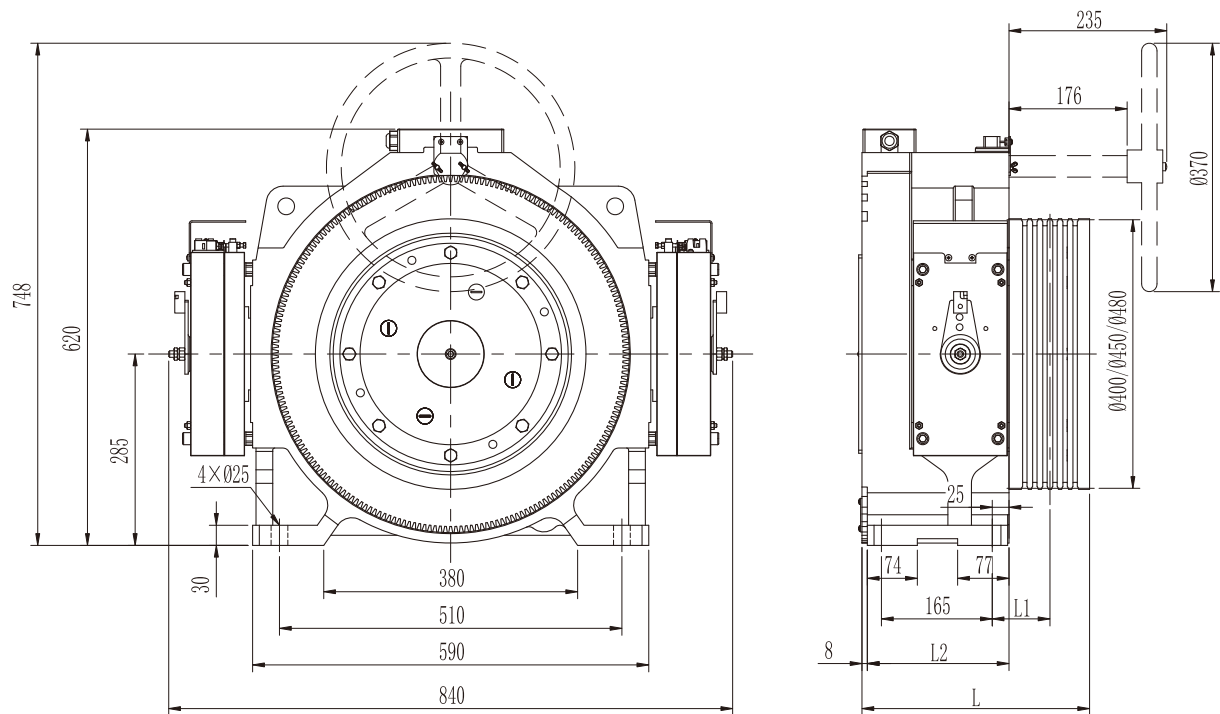
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1 / 4:1
● 额定载重	Load	(1250~1600)kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Diam.	(Φ400/Φ450/Φ480)mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	6000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	450kg
⊙ 制动器型号 Brake Type	EMK12K	电压U / 电流I DC110V / 2×1.6A ^{•3}

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCK300												
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	L2	切口角 [°]
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles				β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	°
Roping 曳引比 2:1														
1250-1.0	1250	1.0	400	6×Φ10×15	20	8.0	95	25.3	800	32	345	86	211	
1250-1.5	1250	1.5		6×Φ10×15	30	12.0	143	38.1	800	32				
1250-1.6	1250	1.6		6×Φ10×15	30	12.8	153	40.8	800	32				
1250-1.75	1250	1.75		6×Φ10×15	30	14.0	167	44.5	800	32				
1250-2.0	1250	2.0		6×Φ10×15	38	16.0	191	50.9	800	32				
1350-1.0A	1350	1.0	400	7×Φ10×15	21	8.6	95	25.3	860	32	345	86	211	
1350-1.5A	1350	1.5		7×Φ10×15	30	12.9	143	38.1	860	32				
1350-1.6A	1350	1.6		7×Φ10×15	35	13.8	153	40.8	860	32				
1350-1.75A	1350	1.75		7×Φ10×15	35	15.0	167	44.5	860	32				
1350-2.0A	1350	2.0		7×Φ10×15	40	17.2	191	50.9	860	32				
1600-1.0A	1600	1.0	400	7×Φ10×15	24	10.3	95	25.3	1040	32	345	86	211	
1600-1.5A	1600	1.5		8×Φ10×15	35	15.6	143	38.1	1040	32				
1600-1.6A	1600	1.6		8×Φ10×15	40	16.7	153	40.8	1040	32				
1600-1.75A	1600	1.75		8×Φ10×15	40	18.2	167	44.5	1040	32				
1600-2.0A	1600	2.0		8×Φ10×15	45	20.8	191	50.9	1040	32				
1600-2.5A	1600	2.5		8×Φ10×15	55	26.0	239	63.7	1040	32				
1350-1.0B	1350	1.0	450	7×Φ10×15	22	8.6	85	22.7	970	32	345	86	211	95
1350-1.5B	1350	1.5		7×Φ10×15	30	12.9	127	33.9	970	32				
1350-1.6B	1350	1.6		7×Φ10×15	35	13.8	136	36.3	970	32				
1350-1.75B	1350	1.75		7×Φ10×15	35	15.1	149	39.7	970	32				
1350-2.0B	1350	2.0		7×Φ10×15	38	17.3	170	45.3	970	32				
1350-2.5B	1350	2.5		7×Φ10×15	49	21.5	212	56.5	970	32				
1350-1.0C	1350	1.0	480	7×Φ10×15	22	8.6	80	21.3	1030	32	345	86	211	
1350-1.5C	1350	1.5		7×Φ10×15	30	12.8	119	31.7	1030	32				
1350-1.6C	1350	1.6		7×Φ10×15	35	13.7	127	33.9	1030	32				
1350-1.75C	1350	1.75		7×Φ10×15	35	15.0	139	37.1	1030	32				
1350-2.0C	1350	2.0		7×Φ10×15	38	17.1	159	42.4	1030	32				
1350-2.5C	1350	2.5		7×Φ10×15	52	21.5	199	53.1	1030	32				
1600-1.0B	1600	1.0	450	7×Φ10×15	24	10.4	85	22.7	1170	32	372	91	233	
1600-1.5B	1600	1.5		8×Φ10×15	35	15.6	127	33.9	1170	32				
1600-1.6B	1600	1.6		8×Φ10×15	40	16.7	136	36.3	1170	32				
1600-1.75B	1600	1.75		8×Φ10×15	40	18.3	149	39.7	1170	32				
1600-2.0B	1600	2.0		8×Φ10×15	45	20.8	170	45.3	1170	32				
1600-2.5B	1600	2.5		8×Φ10×15	55	26.0	212	56.5	1170	32				
1600-1.0C	1600	1.0	480	7×Φ10×15	24	10.5	80	21.3	1250	32	372	91	233	
1600-1.5C	1600	1.5		8×Φ10×15	35	15.6	119	31.7	1250	32				
1600-1.6C	1600	1.6		8×Φ10×15	40	16.6	127	33.9	1250	32				
1600-1.75C	1600	1.75		8×Φ10×15	40	18.2	139	37.1	1250	32				
1600-2.0C	1600	2.0		8×Φ10×15	45	20.8	159	42.4	1250	32				
1600-2.5C	1600	2.5		8×Φ10×15	55	26.0	199	53.1	1250	32				
Roping 曳引比 4:1														
3000-0.5A	3000	0.5	400	7×Φ10×15	23	9.5	95	25.3	960	32	345	86	211	根据工况
3000-1.0A	3000	1.0		7×Φ10×15	42	19.2	191	50.9	960	32				
3000-0.5B	3000	0.5	450	7×Φ10×15	23	9.5	85	22.7	1070	32	345	86	211	
3000-1.0B	3000	1.0		7×Φ10×15	42	19.0	170	45.3	1070	32				
3000-0.5C	3000	0.5	480	6×Φ10×15	25	9.6	80	21.3	1150	32	345	86	211	
3000-1.0C	3000	1.0		7×Φ10×15	42	19.1	159	42.4	1150	32				
3500-0.5A	3500	0.5	400	7×Φ10×15	25	11.3	95	25.3	1140	32	345	86	211	
3500-1.0A	3500	1.0		8×Φ10×15	51	22.8	191	50.9	1140	32				
3500-0.5B	3500	0.5	450	7×Φ10×15	27	11.4	85	22.7	1280	32	372	91	233	
3500-1.0B	3500	1.0		8×Φ10×15	51	22.8	170	45.3	1280	32				

• 注 Notes:

✎ *1、本机型可用于无机房。The machine can also be used for machine roomless.

✎ *2、本机型可选配后置盘车。Rear handwheel is applicable for this model.

✎ *3、额定转矩≥1140Nm时，制动器电流2×2.6A。Rated torque≥1140Nm,brake current 2×2.6A.

✎ *4、此切口角为推荐值。The undercut angle is recommended value.

📄 1) 可根据客户需求非标切口角度。Undercut angle can be customized according to practical requirements.

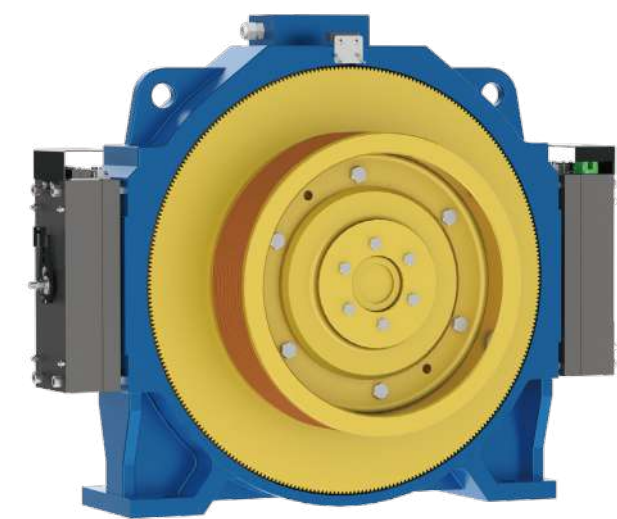
📄 2) 额定速度>1.0m/s的有机房机型，建议增大切口角度。Elv. speed>1.0m/s in machine room, can increase undercut angle appropriately.

前置盘车 FRONT HANDWHEEL

MCK500 E

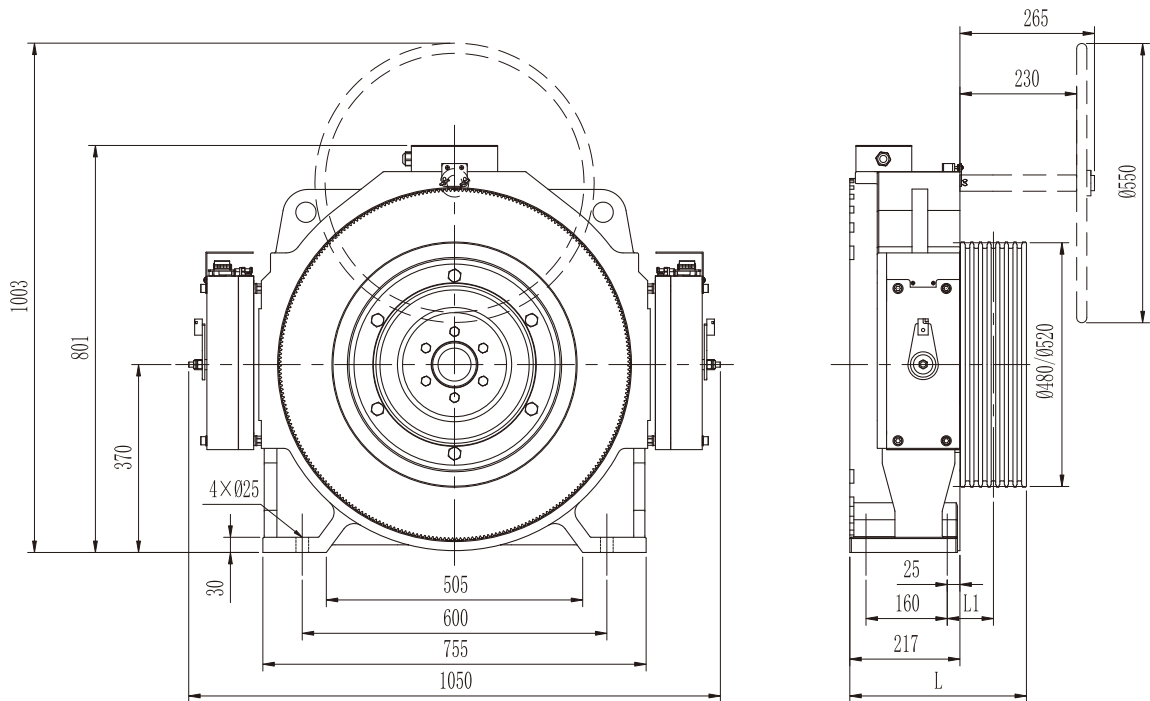
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1 / 4:1
● 额定载重	Load	(1600~2500)kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Diam.	Φ480mm / Φ520mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	10000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	740kg
⊙ 制动器型号 Brake Type	EMK18K	电压U / 电流I DC110V / 2×2.6A

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCK500											
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	切口角 [°]
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles			β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	°
Roping 曳引比 2:1													
1600-1.0A	1600	1.0	480	6×Φ12×17	25	10.5	80	26.7	1250	40	350	91	95
1600-1.5A	1600	1.5		6×Φ12×17	35	15.6	119	39.7	1250	40			
1600-1.6A	1600	1.6		6×Φ12×17	42	16.6	127	42.3	1250	40			
1600-1.75A	1600	1.75		6×Φ12×17	42	18.2	139	46.3	1250	40			
1600-2.0A	1600	2.0		6×Φ12×17	47	20.8	159	53.0	1250	40			
1600-2.5A	1600	2.5		6×Φ12×17	57	26.0	199	66.3	1250	40			
2000-1.0A	2000	1.0	480	7×Φ12×17	30	13.1	80	26.7	1560	40	350	91	
2000-1.5A	2000	1.5		7×Φ12×17	43	19.4	119	39.7	1560	40			
2000-1.6A	2000	1.6		7×Φ12×17	51	20.7	127	42.3	1560	40			
2000-1.75A	2000	1.75		7×Φ12×17	51	22.7	139	46.3	1560	40			
2000-2.0A	2000	2.0		7×Φ12×17	59	26.0	159	53.0	1560	40			
2000-2.5A	2000	2.5			8×Φ12×17	71	32.5	199	66.3	1560	40	365	
2500-1.0A	2500	1.0	480	8×Φ12×17	38	16.3	80	26.7	1950	40	365	98.5	
2500-1.5A	2500	1.5		8×Φ12×17	53	24.3	119	39.7	1950	40			
2500-1.6A	2500	1.6		8×Φ12×17	66	25.9	127	42.3	1950	40			
2500-1.75A	2500	1.75		8×Φ12×17	66	28.4	139	46.3	1950	40			
2500-2.0A	2500	2.0		8×Φ12×17	71	32.5	159	53.0	1950	40			
2500-2.5A	2500	2.5			9×Φ12×17	83	40.6	199	66.3	1950	40	390	
1600-1.0B	1600	1.0	520	5×Φ13×18	24	9.7	73	24.3	1270	40	350	91	
1600-1.5B	1600	1.5		5×Φ13×18	35	14.6	110	36.7	1270	40			
1600-1.6B	1600	1.6		5×Φ13×18	40	15.7	118	39.3	1270	40			
1600-1.75B	1600	1.75		5×Φ13×18	40	17.2	129	43.0	1270	40			
1600-2.0B	1600	2.0		5×Φ13×18	43	19.5	147	49.0	1270	40			
1600-2.5B	1600	2.5		5×Φ13×18	55	24.5	184	61.3	1270	40			
2000-1.0B	2000	1.0	520	6×Φ13×18	32	12.2	73	24.3	1590	40	350	91	
2000-1.5B	2000	1.5		6×Φ13×18	43	18.3	110	36.7	1590	40			
2000-1.6B	2000	1.6		6×Φ13×18	53	19.6	118	39.3	1590	40			
2000-1.75B	2000	1.75		6×Φ13×18	53	21.5	129	43.0	1590	40			
2000-2.0B	2000	2.0		6×Φ13×18	55	24.5	147	49.0	1590	40			
2000-2.5B	2000	2.5			7×Φ13×18	71	30.6	184	61.3	1590	40	365	
2500-1.0B	2500	1.0	520	7×Φ13×18	36	15.2	73	24.3	1990	40	365	98.5	
2500-1.5B	2500	1.5		7×Φ13×18	53	22.9	110	36.7	1990	40			
2500-1.6B	2500	1.6		7×Φ13×18	63	24.6	118	39.3	1990	40			
2500-1.75B	2500	1.75		7×Φ13×18	63	26.9	129	43.0	1990	40			
2500-2.0B	2500	2.0		7×Φ13×18	71	30.6	147	49.0	1990	40			
2500-2.5B	2500	2.5		7×Φ13×18	83	38.3	184	61.3	1990	40			
Roping 曳引比 4:1													
4000-0.5A	4000	0.5	480	7×Φ10×15	30	13.1	80	26.7	1560	40	350	91	根据工况
4000-1.0A	4000	1.0		8×Φ10×15	59	26.0	159	53.0	1560	40			
4000-0.5B	4000	0.5	520	7×Φ10×15	32	12.2	73	24.3	1590	40	350	91	
4000-1.0B	4000	1.0		8×Φ10×15	55	24.5	147	49.0	1590	40			
5000-0.5A	5000	0.5	480	8×Φ10×15	38	16.3	80	26.7	1950	40	350	91	
5000-1.0A	5000	1.0		9×Φ10×15	71	32.5	159	53.0	1950	40			
5000-0.5B	5000	0.5	520	8×Φ10×15	36	15.2	73	24.3	1990	40	350	91	
5000-1.0B	5000	1.0		9×Φ10×15	71	30.6	147	49.0	1990	40			

• 注 Notes:

✍ *1、本机型可用于无机房。The machine can also be used for machine roomless.

✍ *2、本机型可选配后置盘车。Rear handwheel is applicable for this model.

✍ *3、此切口角为推荐值。The undercut angle is recommended value.

📖 1) 可根据客户需求非标切口角度。Undercut angle can be customized according to practical requirements.

📖 2) 额定速度>1.0m/s的有机房机型，建议增大切口角度。Elv. speed>1.0m/s in machine room, can increase undercut angle appropriately.

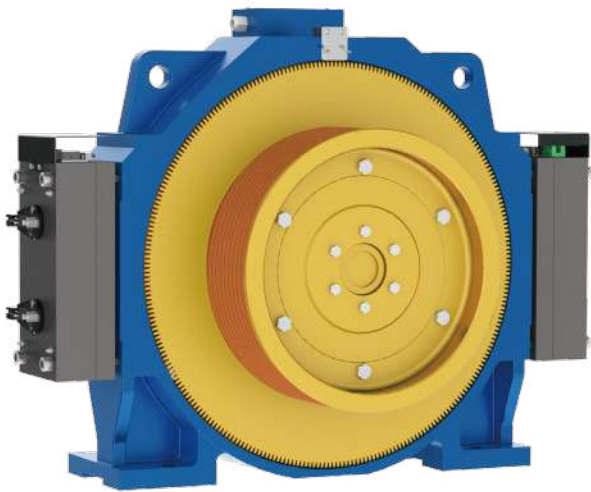
前置盘车 FRONT HANDWHEEL

MCK500

MONADRIVE®

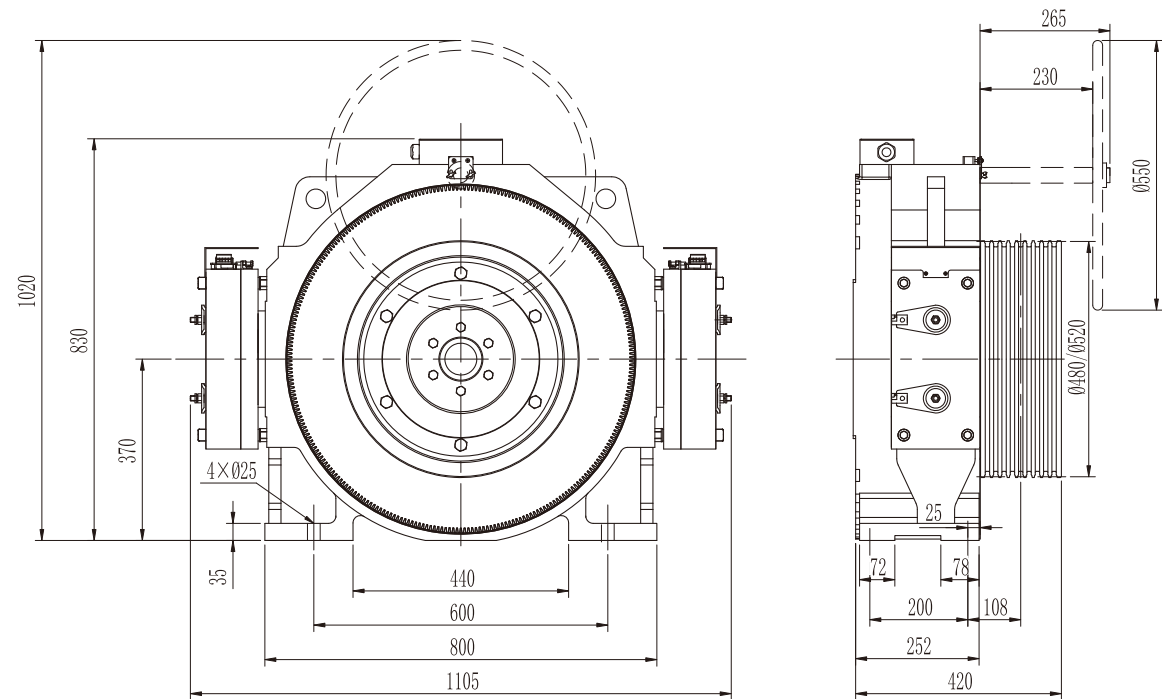
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	3000kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Diam.	Φ480mm / Φ520mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	10000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	865kg
⊙ 制动器型号 Brake Type EMK18K 电压U / 电流I DC110V / 2×3.0A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCK500									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	切口角
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		°
3000-1.0A	3000	1.0	480	8×Φ12×17	46	19.6	80	26.7	2340	40	95
3000-1.5A	3000	1.5		8×Φ12×17	70	29.2	119	39.7	2340	40	
3000-1.6A	3000	1.6		8×Φ12×17	78	31.1	127	42.3	2340	40	
3000-1.75A	3000	1.75		8×Φ12×17	78	34.1	139	46.3	2340	40	
3000-2.0A	3000	2.0		9×Φ12×17	83	39.0	159	53.0	2340	40	
3000-2.5A	3000	2.5		9×Φ12×17	108	48.8	199	66.3	2340	40	
3000-1.0B	3000	1.0	520	8×Φ13×18	43	18.2	73	24.3	2380	40	
3000-1.5B	3000	1.5		8×Φ13×18	70	27.4	110	36.7	2380	40	
3000-1.6B	3000	1.6		8×Φ13×18	75	29.4	118	39.3	2380	40	
3000-1.75B	3000	1.75		8×Φ13×18	75	32.1	129	43.0	2380	40	
3000-2.0B	3000	2.0		8×Φ13×18	82	36.6	147	49.0	2380	40	
3000-2.5B	3000	2.5		8×Φ13×18	106	45.9	184	61.3	2380	40	

注 Notes:

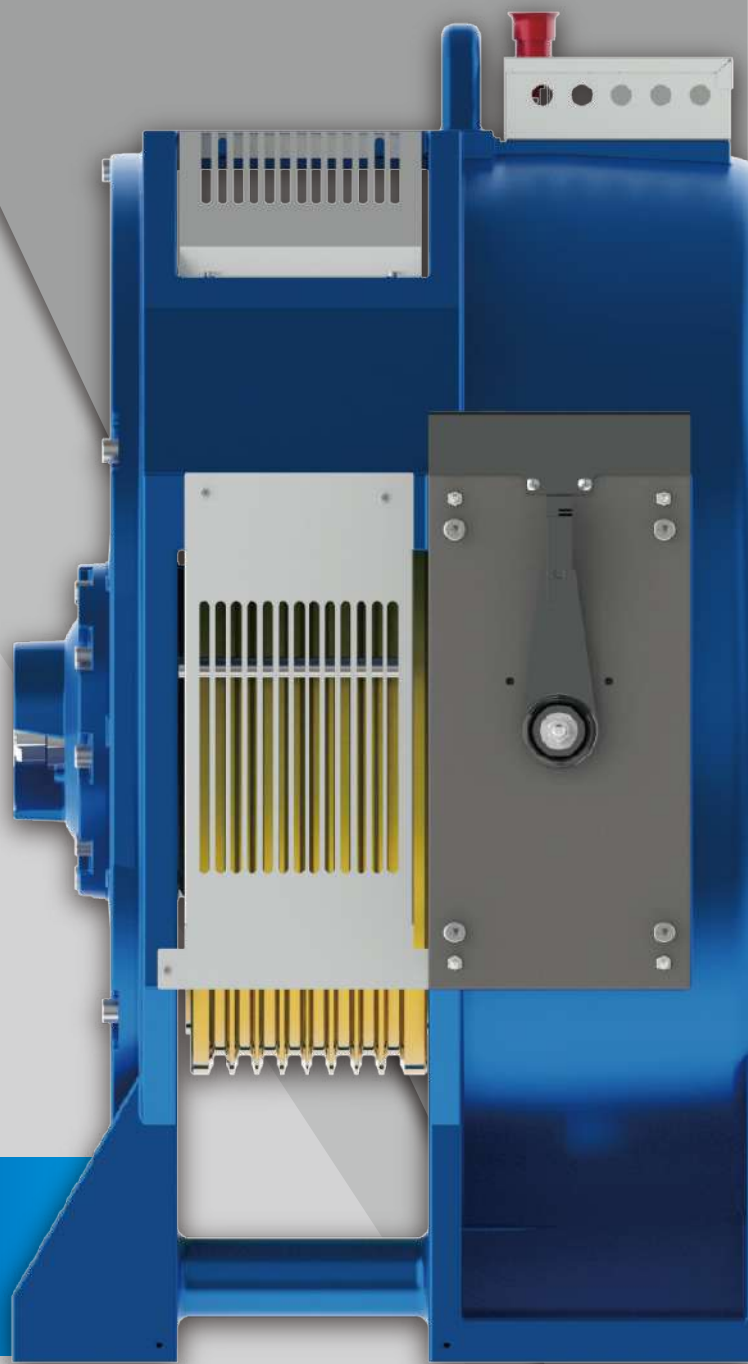
✎ *1、本机型可用于无机房。The machine can also be used for machine roomless.

✎ *2、本机型可选配后置盘车。Rear handwheel is applicable for this model.

✎ *3、此切口角为推荐值。The undercut angle is recommended value.

📄 1) 可根据客户需求非标切口角度。Undercut angle can be customized according to practical requirements.

📄 2) 额定速度>1.0m/s的有机房机型，建议增大切口角度。Elv. speed>1.0m/s in machine room, can increase undercut angle appropriately.



MONADRIVE®

MGK SERIES INCLUDES MGK系列包括

额定载重Load(3000~3500)kg 额定速度Speed(1.0~3.0)m/s	MGK520 ●
额定载重Load(4000~6000)kg 额定速度Speed(1.0~3.0)m/s	MGK640 ●
额定载重Load 10000kg 额定速度Speed(1.0~2.0)m/s	MGK750 ●

MONADRIVE®

MGK 系列

永磁同步无齿轮曳引机

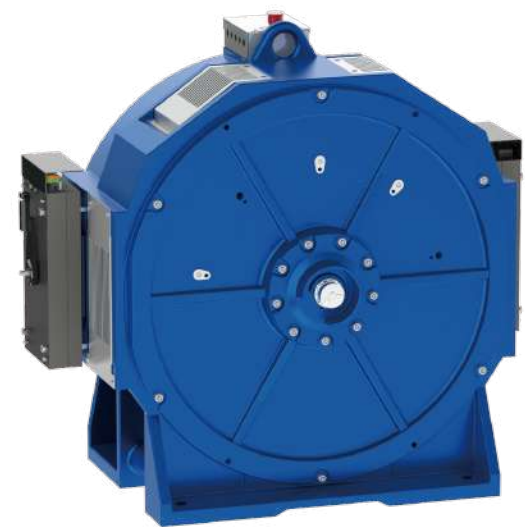
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MGK520

MONADRIVE®

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	1:1 / 2:1 / 6:1
● 额定载重	Load	(3000~3500)kg
● 额定梯速	Elv. Speed	(1.0~3.0)m/s
● 曳引轮节径	Sheave Diam.	Φ520mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	10000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	1200kg

◎ 制动器型号 Brake Type	EMK26K	启动电压U / 启动电流I	DC198V / 2×2.4A
		维持电压U / 维持电流I	DC99V / 2×1.2A

规格表 SPEC.SHEET

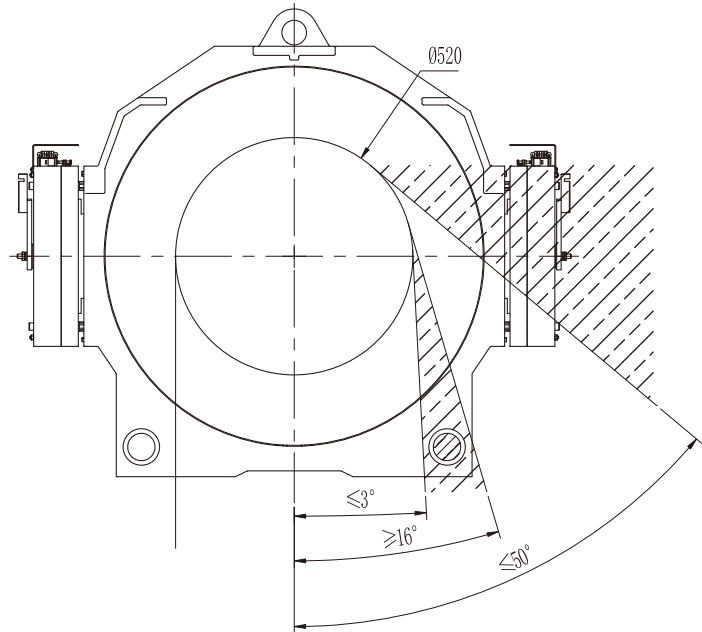
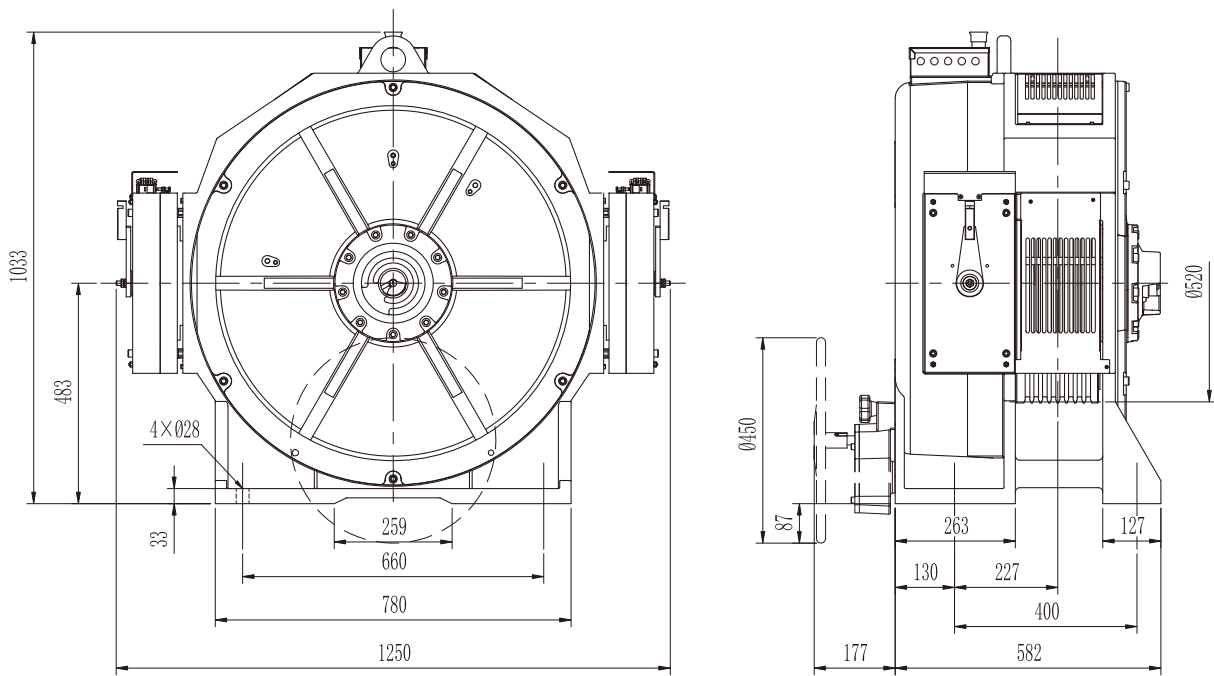
型号	Type	MGK520										
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	切口角 ^{●*2}	
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	β Angle	
	kg	m/s	mm		A	kW	r/min	Hz	N·m		°	
Roping 曳引比 1:1												
1600-1.0	1600	1.0	520	8×Φ13×18	26	10.5	37	14.8	2700	48	105	
1600-1.5	1600	1.5		8×Φ13×18	38	15.6	55	22.0	2700	48		
1600-1.75	1600	1.75		8×Φ13×18	42	18.1	64	25.6	2700	48		
1600-2.0	1600	2.0		8×Φ13×18	47	20.6	73	29.2	2700	48		
1600-2.5	1600	2.5		8×Φ13×18	57	26.0	92	36.8	2700	48		
1600-3.0	1600	3.0		8×Φ13×18	67	31.1	110	44.0	2700	48		
Roping 曳引比 2:1												
3000-1.0	3000	1.0	520	8×Φ13×18	45	19.3	73	29.2	2530	48	105	
3000-1.5	3000	1.5		8×Φ13×18	68	29.1	110	44.0	2530	48		
3000-1.75	3000	1.75		8×Φ13×18	71	34.2	129	51.6	2530	48		
3000-2.0	3000	2.0		8×Φ13×18	85	38.9	147	58.8	2530	48		
3000-2.5	3000	2.5		8×Φ13×18	106	48.7	184	73.6	2530	48		
3000-3.0	3000	3.0		8×Φ13×18	128	58.3	220	88.0	2530	48		
3500-1.0	3500	1.0	520	8×Φ13×18	52	22.5	73	29.2	2950	48	105	
3500-1.5	3500	1.5		8×Φ13×18	87	34.0	110	44.0	2950	48		
3500-1.75	3500	1.75		8×Φ13×18	87	39.9	129	51.6	2950	48		
3500-2.0	3500	2.0		8×Φ13×18	99	45.4	147	58.8	2950	48		
3500-2.5	3500	2.5		8×Φ13×18	124	56.8	184	73.6	2950	48		
3500-3.0	3500	3.0		8×Φ13×18	150	68.0	220	88.0	2950	48		
Roping 曳引比 6:1												
10000-0.5	10000	0.5	520	8×Φ13×18	87	34.0	110	44.0	2950	48	根据工况	
10000-1.0	10000	1.0		8×Φ13×18	150	68.0	220	88.0	2950	48		

● 注 Notes:

⚡ *1、本机型只用于有机房。The machine is only used for machine room.

⚡ *2、此切口角为推荐值，可根据客户需求非标切口角度。The above is recommended value of cut angle, it's optional according to practical condition.

安装尺寸图 DIMENSIONS



● 注 Notes:

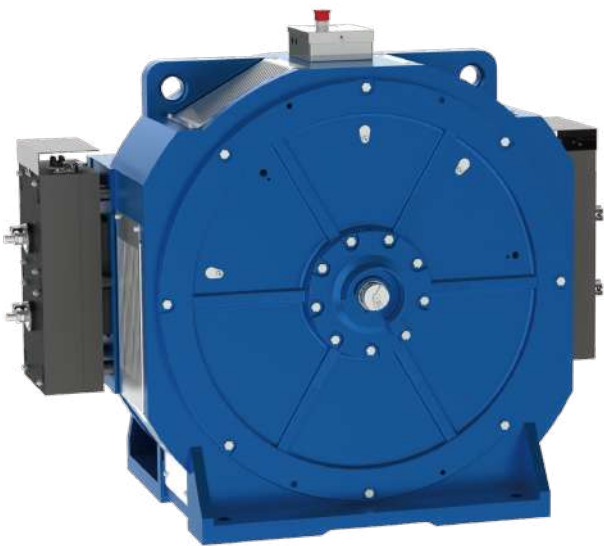
钢丝绳绕出角度按图示部分，避开阴影范围。

The angle of wire rope shall be within the range shown as above, avoiding the shadow part.

MGK640

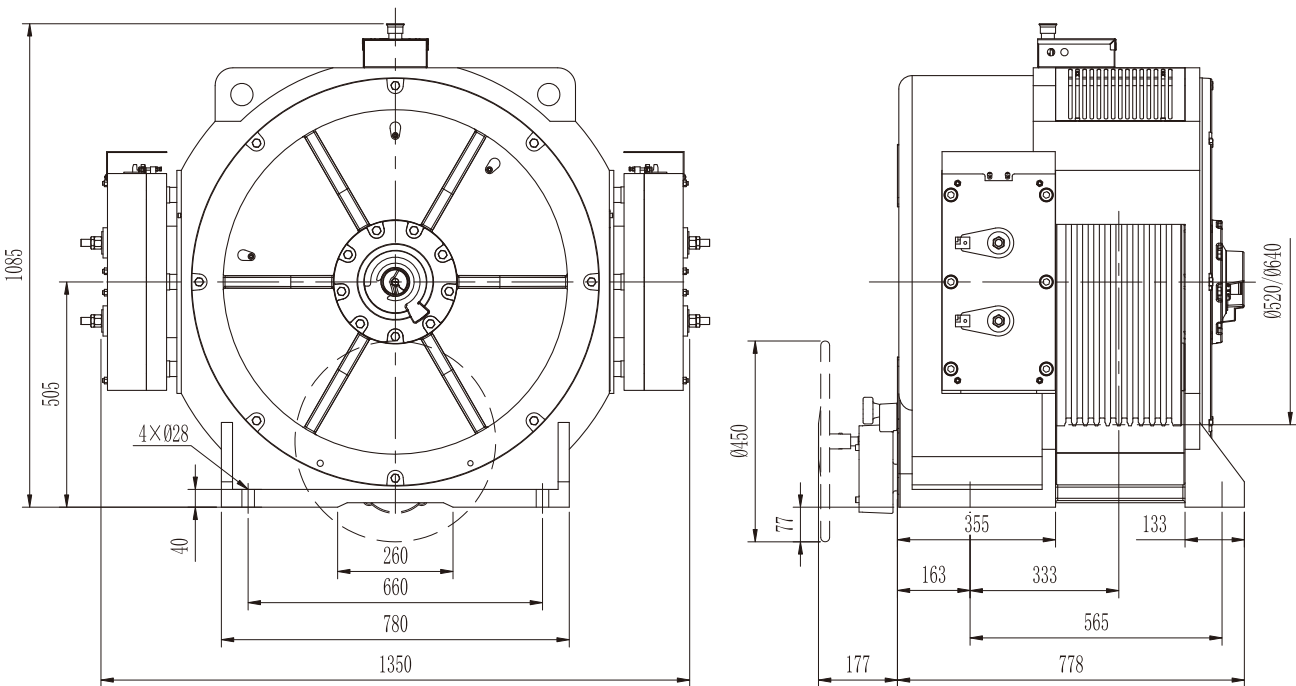
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1 / 4:1
● 额定载重	Load	(4000~6000)kg
● 额定梯速	Elv. Speed	(1.0~3.0)m/s
● 曳引轮节径	Sheave Diam.	Φ520mm / Φ640mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	18000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	1800kg
⊙ 制动器型号 Brake Type	EMK43K	电压U / 电流I DC110V / 2×3.3A

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MGK640								
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Roping 曳引比 2:1										
4000-1.0A	4000	1.0	520	12×Φ13×18	63	25.8	73	29.2	3380	48
4000-1.5A	4000	1.5		12×Φ13×18	103	38.9	110	44.0	3380	48
4000-1.75A	4000	1.75		12×Φ13×18	103	45.7	129	51.6	3380	48
4000-2.0A	4000	2.0		12×Φ13×18	112	52.0	147	58.8	3380	48
4000-2.5A	4000	2.5		12×Φ13×18	143	65.1	184	73.6	3380	48
4000-3.0A	4000	3.0		12×Φ13×18	172	77.9	220	88.0	3380	48
5000-1.0A	5000	1.0	520	14×Φ13×18	79	32.3	73	29.2	4220	48
5000-1.5A	5000	1.5		14×Φ13×18	130	48.6	110	44.0	4220	48
5000-1.75A	5000	1.75		14×Φ13×18	130	57.0	129	51.6	4220	48
5000-2.0A	5000	2.0		14×Φ13×18	140	65.0	147	58.8	4220	48
5000-2.5A	5000	2.5		14×Φ13×18	178	81.3	184	73.6	4220	48
5000-3.0A	5000	3.0		14×Φ13×18	215	97.2	220	88.0	4220	48
6000-1.0	6000	1.0	520	16×Φ13×18	96	38.7	73	29.2	5060	48
6000-1.5	6000	1.5		16×Φ13×18	155	58.3	110	44.0	5060	48
6000-1.75	6000	1.75		16×Φ13×18	155	68.3	129	51.6	5060	48
6000-2.0	6000	2.0		16×Φ13×18	171	77.9	147	58.8	5060	48
6000-2.5	6000	2.5		16×Φ13×18	205	97.5	184	73.6	5060	48
6000-3.0	6000	3.0		16×Φ13×18	245	116.6	220	88.0	5060	48
4000-1.0B	4000	1.0	640	8×Φ16×24	65	26.1	60	24.0	4160	48
4000-1.5B	4000	1.5		8×Φ16×24	103	39.2	90	36.0	4160	48
4000-1.75B	4000	1.75		8×Φ16×24	103	45.3	104	41.6	4160	48
4000-2.0B	4000	2.0		8×Φ16×24	116	51.8	119	47.6	4160	48
4000-2.5B	4000	2.5		8×Φ16×24	142	64.9	149	59.6	4160	48
4000-3.0B	4000	3.0		8×Φ16×24	170	78.0	179	71.6	4160	48
5000-1.0B	5000	1.0	640	10×Φ16×24	81	32.6	60	24.0	5190	48
5000-1.5B	5000	1.5		10×Φ16×24	128	48.9	90	36.0	5190	48
5000-1.75B	5000	1.75		10×Φ16×24	128	56.5	104	41.6	5190	48
5000-2.0B	5000	2.0		10×Φ16×24	146	64.7	119	47.6	5190	48
5000-2.5B	5000	2.5		10×Φ16×24	175	81.0	149	59.6	5190	48
5000-3.0B	5000	3.0		10×Φ16×24	210	97.3	179	71.6	5190	48
Roping 曳引比 4:1										
8000-0.5A	8000	0.5	520	12×Φ13×18	63	25.8	73	29.2	3380	48
8000-1.0A	8000	1.0		12×Φ13×18	112	52.0	147	58.8	3380	48
10000-0.5A	10000	0.5	520	14×Φ13×18	79	32.3	73	29.2	4220	48
10000-1.0A	10000	1.0		14×Φ13×18	140	65.0	147	58.8	4220	48
12000-0.5A	12000	0.5	520	16×Φ13×18	96	38.7	73	29.2	5060	48
12000-1.0A	12000	1.0		16×Φ13×18	171	77.9	147	58.8	5060	48
8000-0.5B	8000	0.5	640	8×Φ16×24	65	26.1	60	24.0	4160	48
8000-1.0B	8000	1.0		8×Φ16×24	116	51.8	119	47.6	4160	48
10000-0.5B	10000	0.5	640	10×Φ16×24	81	32.6	60	24.0	5190	48
10000-1.0B	10000	1.0		10×Φ16×24	146	64.7	119	47.6	5190	48

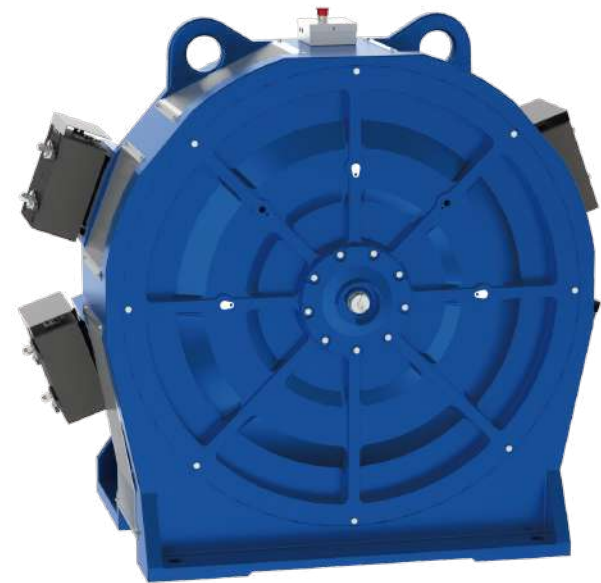
● 注 Notes:
✍ *1、本机型只用于有机房。 The machine is only used for machine room.
✍ *2、绳槽切口角度需根据工况计算。 Cutting angle to be calculated according to working condition.

MGK750

MONADRIVE®

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



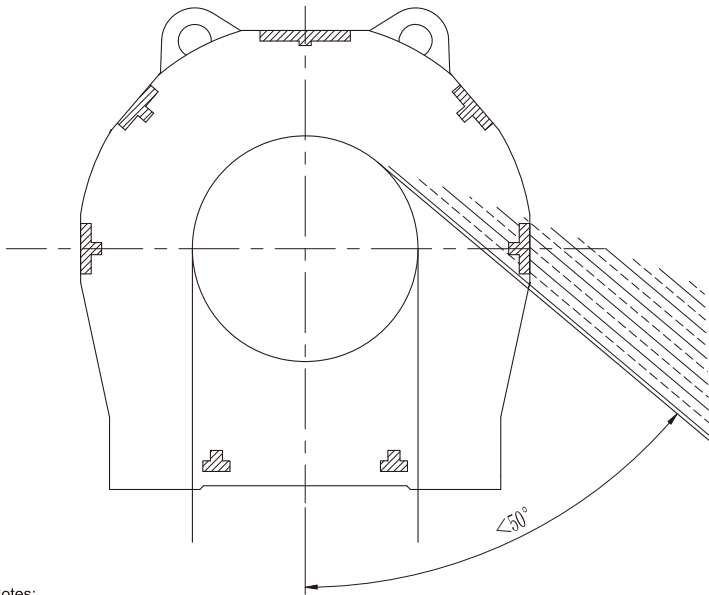
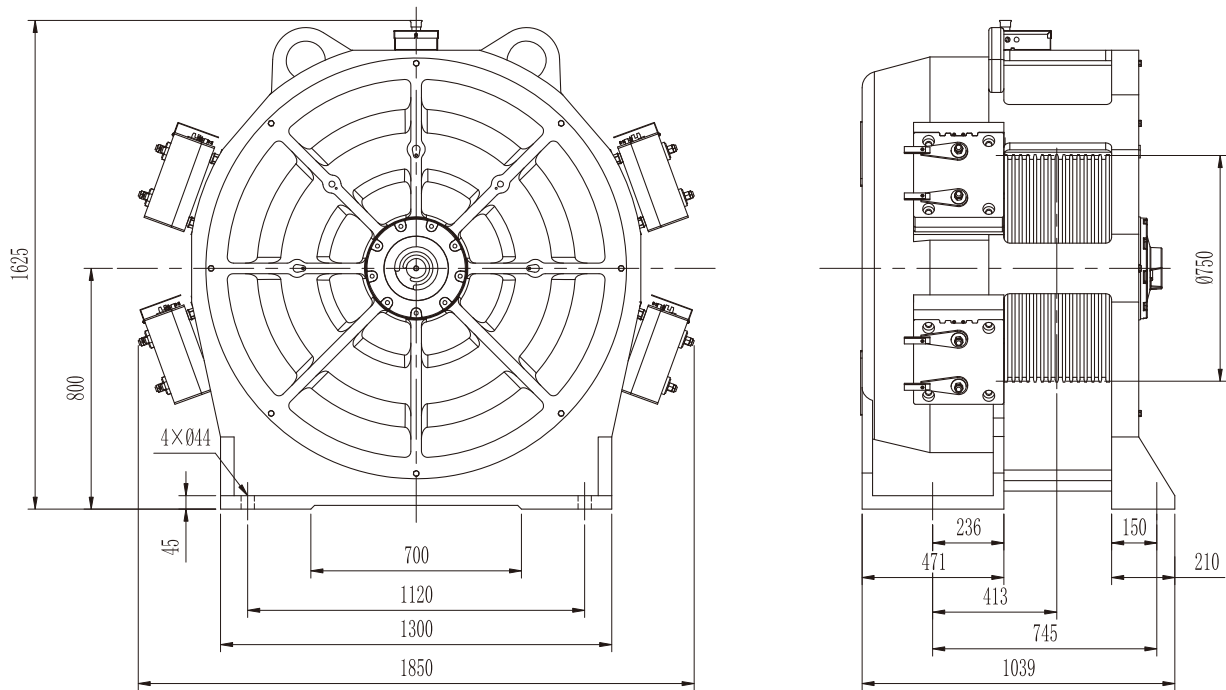
● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	10000kg
● 额定梯速	Elv. Speed	(1.0~2.0)m/s
● 曳引轮节径	Sheave Diam.	Φ750mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	30000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	5200kg
⊙ 制动器型号 Brake Type EMK33K 电压U / 电流I DC110V / 4×2.2A		

规格表 SPEC.SHEET

型号	Type	MGK750								
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
10000-1.0	10000	1.0	750	12×Φ16×24	150	65.0	51	20.4	12170	48
10000-1.5	10000	1.5	750	12×Φ16×24	215	96.9	76	30.4	12170	48
10000-1.6	10000	1.6	750	12×Φ16×24	255	103.2	81	32.4	12170	48
10000-1.75	10000	1.75	750	12×Φ16×24	255	113.4	89	35.6	12170	48
10000-2.0	10000	2.0	750	12×Φ16×24	280	130.0	102	40.8	12170	48

- 注 Notes:
- ✍ *1、本机型只用于有机房。The machine is only used for machine room.
- ✍ *2、本机型需选用电动松闸装置。The machine is equipped with electrical brake release device.

安装尺寸图 DIMENSIONS



- 注 Notes:
- 钢丝绳绕出角度按图示部分，避开阴影范围。
The angle of wire rope shall be within the range shown as above, avoiding the shadow part.

MDD410

MONADRIVE®

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(1000~1600)kg
● 额定梯速	Elv. Speed	(2.5~4.0)m/s
● 曳引轮节径	Sheave Diam.	Φ410mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	12000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	770kg
⊙ 制动器型号 Brake Type EMK13K 电压U / 电流I DC110V / 2×1.6A		

规格表 SPEC.SHEET

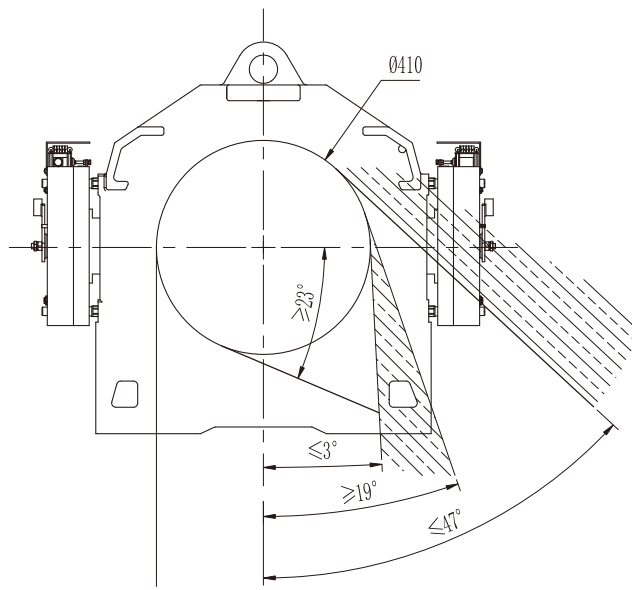
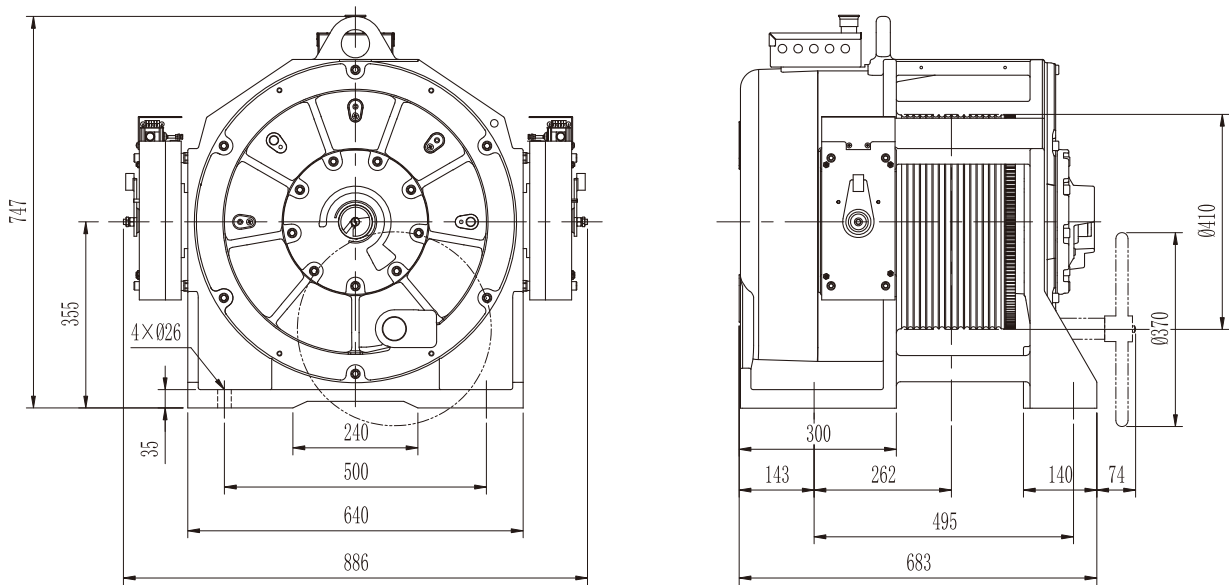
型号	Type	MDD410								
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数
Spec.	Load	Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
1000-2.5	1000	2.5	410	12×Φ10×12	35	15.9	233	58.3	650	30
1000-3.0	1000	3.0		12×Φ10×12	41	19.0	279	69.8	650	30
1000-3.5	1000	3.5		12×Φ10×12	48	22.2	326	81.5	650	30
1000-4.0	1000	4.0		12×Φ10×12	54	25.4	373	93.3	650	30
1150-2.5	1150	2.5	410	14×Φ10×12	39	18.3	233	58.3	750	30
1150-3.0	1150	3.0		14×Φ10×12	47	21.9	279	69.8	750	30
1150-3.5	1150	3.5		14×Φ10×12	55	25.6	326	81.5	750	30
1150-4.0	1150	4.0		14×Φ10×12	64	29.3	373	93.3	750	30
1250-2.5	1250	2.5	410	14×Φ10×12	44	20.0	233	58.3	820	30
1250-3.0	1250	3.0		14×Φ10×12	52	24.0	279	69.8	820	30
1250-3.5	1250	3.5		14×Φ10×12	61	28.0	326	81.5	820	30
1250-4.0	1250	4.0		14×Φ10×12	68	32.0	373	93.3	820	30
1350-2.5	1350	2.5	410	14×Φ10×12	46	21.5	233	58.3	880	30
1350-3.0	1350	3.0		14×Φ10×12	54	25.7	279	69.8	880	30
1350-3.5	1350	3.5		14×Φ10×12	66	30.0	326	81.5	880	30
1350-4.0	1350	4.0		14×Φ10×12	71	34.4	373	93.3	880	30
1600-2.5	1600	2.5	410	16×Φ10×12	55	25.9	233	58.3	1060	30
1600-3.0	1600	3.0		16×Φ10×12	65	31.0	279	69.8	1060	30
1600-3.5	1600	3.5		16×Φ10×12	79	36.2	326	81.5	1060	30
1600-4.0	1600	4.0		16×Φ10×12	85	41.4	373	93.3	1060	30

● 注 Notes:

✎ *1、本机型只用于有机房。The machine is only used for machine room.

✎ *2、本机型绕绳方式为复绕。Double wrapping.

安装尺寸图 DIMENSIONS



● 注 Notes:

钢丝绳绕出角度按图示部分，避开阴影范围。

The angle of wire rope shall be within the range shown as above, avoiding the shadow part.

MDD540

MONADRIVE®

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(1350~2500)kg
● 额定梯速	Elv. Speed	(3.0~6.0)m/s
● 曳引轮节径	Sheave Diam.	Φ540mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	20000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	1250kg

☑ 制动器型号 Brake Type	EMD540	启动电压U / 启动电流I	DC198V / 3×2.2 A
		维持电压U / 维持电流I	DC99V / 3×1.1 A

规格表 SPEC.SHEET

型号	Type	MDD540									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	
	kg	m/s	mm		A	kW	r/min	Hz	N·m		
1350-3.0	1350	3.0	540	10×Φ13×18	59	26.6	212	35.3	1200	20	
1350-3.5	1350	3.5		10×Φ13×18	69	31.2	248	41.3	1200	20	
1350-4.0	1350	4.0		10×Φ13×18	77	35.6	283	47.2	1200	20	
1350-5.0	1350	5.0		10×Φ13×18	95	44.5	354	59.0	1200	20	
1350-6.0	1350	6.0		10×Φ13×18	115	53.3	424	70.7	1200	20	
1600-3.0	1600	3.0	540	12×Φ13×18	69	31.1	212	35.3	1400	20	
1600-3.5	1600	3.5		12×Φ13×18	80	36.4	248	41.3	1400	20	
1600-4.0	1600	4.0		12×Φ13×18	90	41.5	283	47.2	1400	20	
1600-5.0	1600	5.0		12×Φ13×18	111	51.9	354	59.0	1400	20	
1600-6.0	1600	6.0		12×Φ13×18	135	62.2	424	70.7	1400	20	
2000-3.0	2000	3.0	540	12×Φ13×18	86	38.8	212	35.3	1750	20	
2000-3.5	2000	3.5		12×Φ13×18	101	45.4	248	41.3	1750	20	
2000-4.0	2000	4.0		12×Φ13×18	113	51.9	283	47.2	1750	20	
2000-5.0	2000	5.0		12×Φ13×18	139	64.9	354	59.0	1750	20	
2000-6.0	2000	6.0		12×Φ13×18	170	77.7	424	70.7	1750	20	
2500-3.0	2500	3.0	540	12×Φ13×18	108	48.8	212	35.3	2200	20	
2500-3.5	2500	3.5		12×Φ13×18	126	57.1	248	41.3	2200	20	
2500-4.0	2500	4.0		12×Φ13×18	142	65.2	283	47.2	2200	20	
2500-5.0	2500	5.0		12×Φ13×18	175	81.5	354	59.0	2200	20	
2500-6.0	2500	6.0		12×Φ13×18	215	97.7	424	70.7	2200	20	

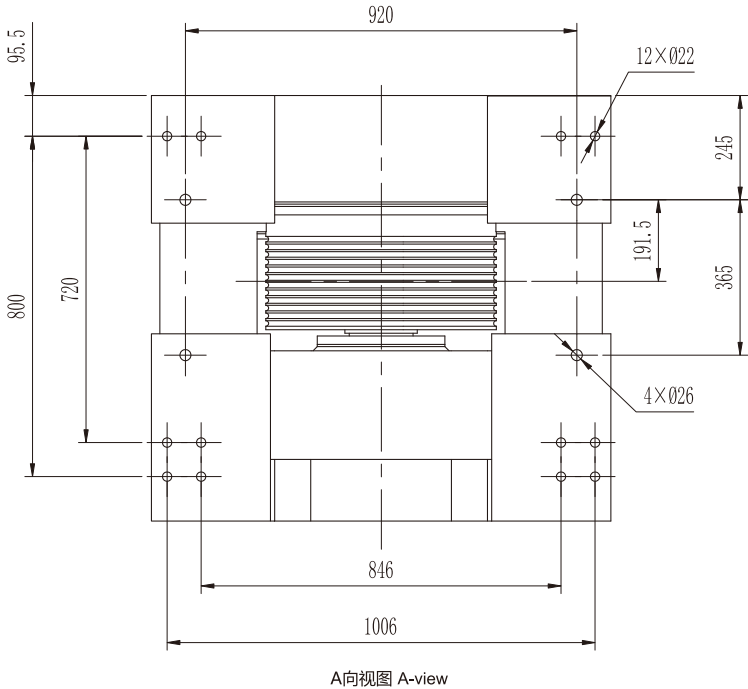
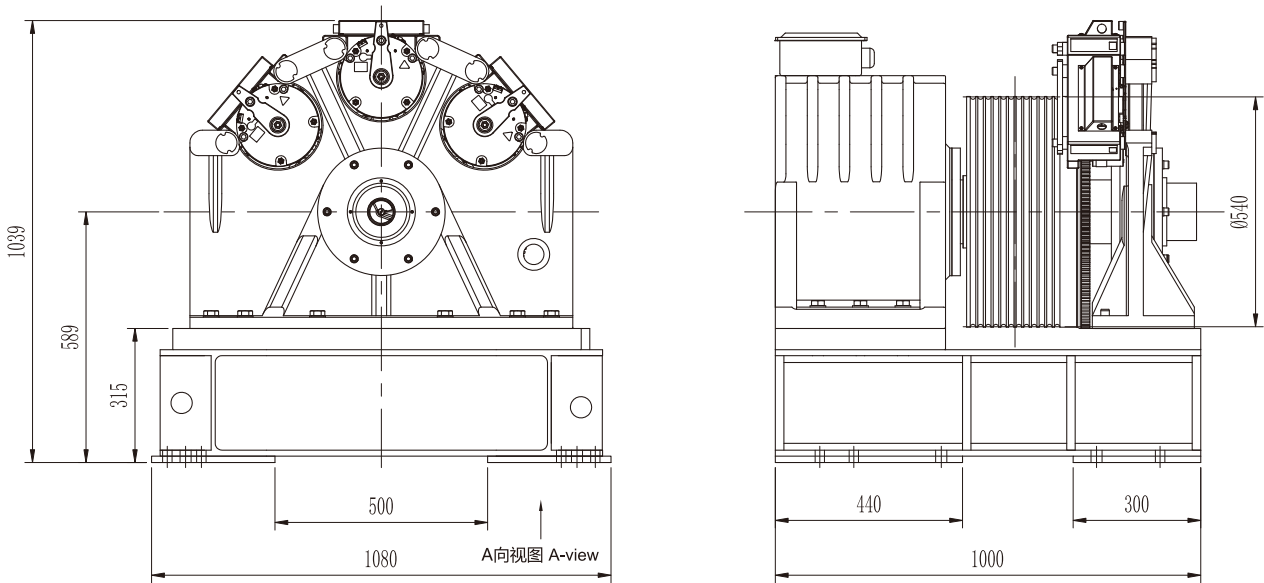
● 注 Notes:

✍ *1、本机型只用于有机房。 The machine is only used for machine room.

✍ *2、本机型绕绳方式为复绕。 Double wrapping.

✍ *3、本机型需选用电动松闸装置。 The machine is equipped with electrical brake release device.

安装尺寸图 DIMENSIONS



MDD710

MONADRIVE®

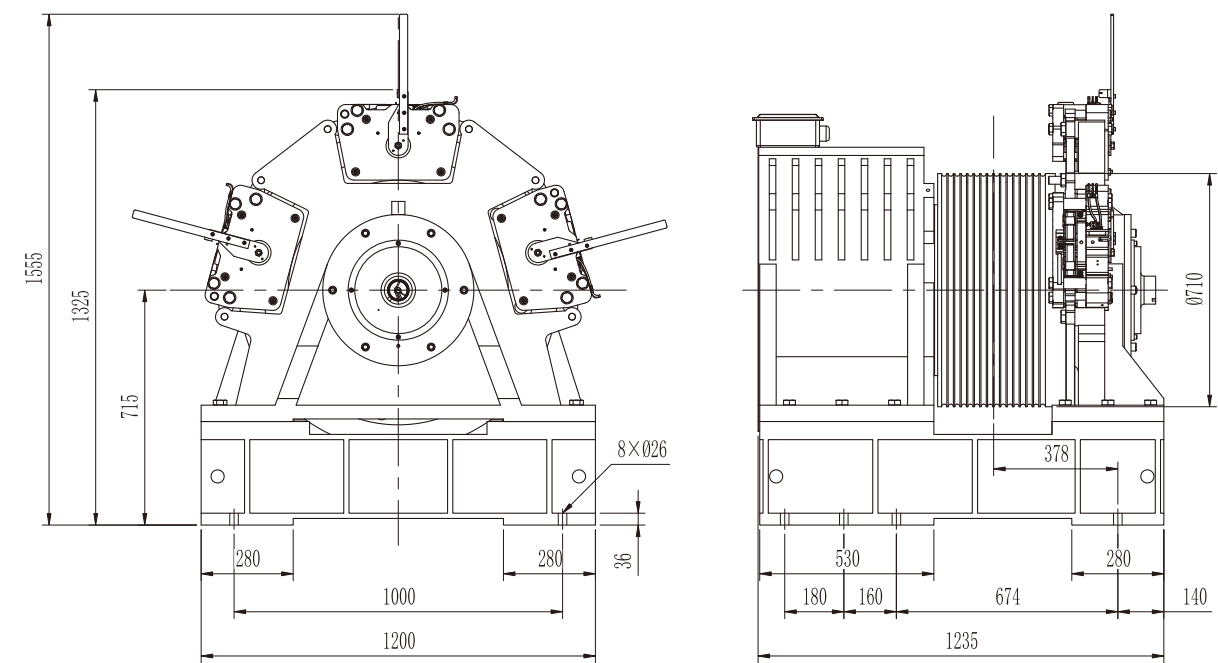
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	1:1
● 额定载重	Load	(1600~2000)kg
● 额定梯速	Elv. Speed	(5.0~8.0)m/s
● 曳引轮节径	Sheave Diam.	Φ710mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	40000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	3500kg
☉ 制动器型号 Brake Type EMD710 电压U / 电流I AC220V / 3×3.0A		

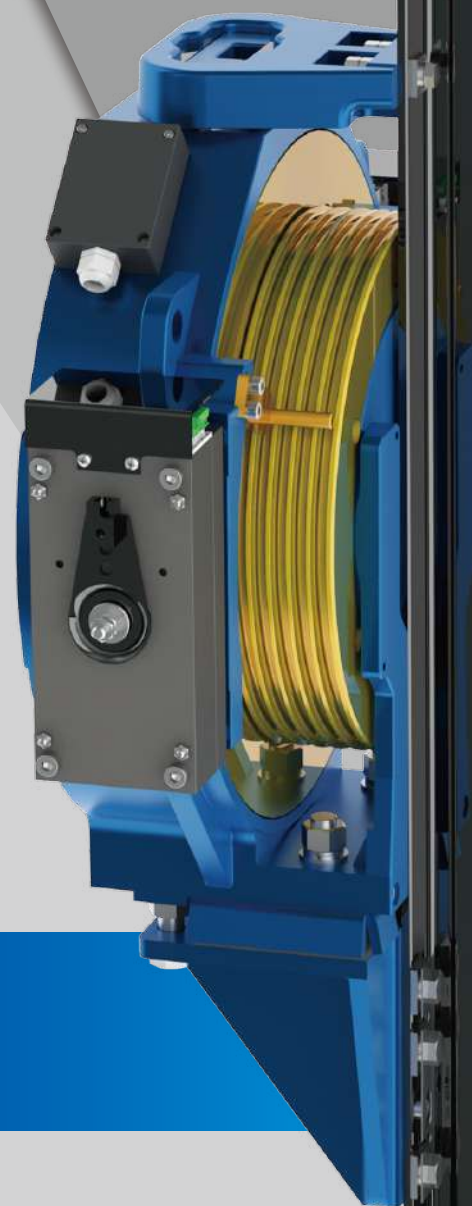
安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MDD710								
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
1600-5.0	1600	5.0	710	16×Φ16×20	108	52.6	134	35.7	3750	32
1600-6.0	1600	6.0		16×Φ16×20	135	63.2	161	42.9	3750	32
1600-7.0	1600	7.0		16×Φ16×20	150	73.8	188	50.1	3750	32
1600-8.0	1600	8.0		16×Φ16×20	175	84.4	215	57.3	3750	32
2000-5.0	2000	5.0	710	16×Φ16×20	135	65.9	134	35.7	4700	32
2000-6.0	2000	6.0		16×Φ16×20	167	79.2	161	42.9	4700	32
2000-7.0	2000	7.0		16×Φ16×20	190	92.5	188	50.1	4700	32
2000-8.0	2000	8.0		16×Φ16×20	218	105.8	215	57.3	4700	32

- 注 Notes:
- ✍ *1、本机型只用于有机房。 The machine is only used for machine room.
- ✍ *2、本机型绕绳方式为复绕。 Double wrapping.
- ✍ *3、本机型需选用电动松闸装置。 The machine is equipped with electrical brake release device.



MONADRIVE®

MCB 系列
SERIES

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®

MCB SERIES INCLUDES **MCB系列包括**

额定载重 Load (630~1000) kg
额定速度 Speed (1.0~1.75) m/s

MCB100 ●

额定载重 Load (800~1250) kg
额定速度 Speed (1.0~1.75) m/s

MCB200 ●

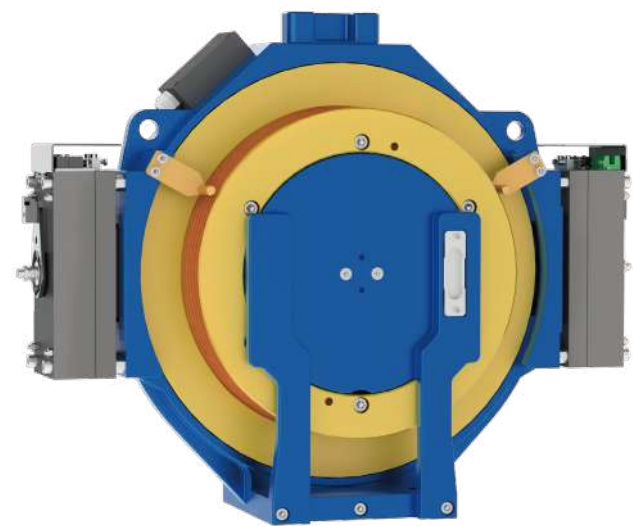
额定载重 Load (1350~1600) kg
额定速度 Speed (1.0~1.75) m/s

MCB300 ●

MCB100

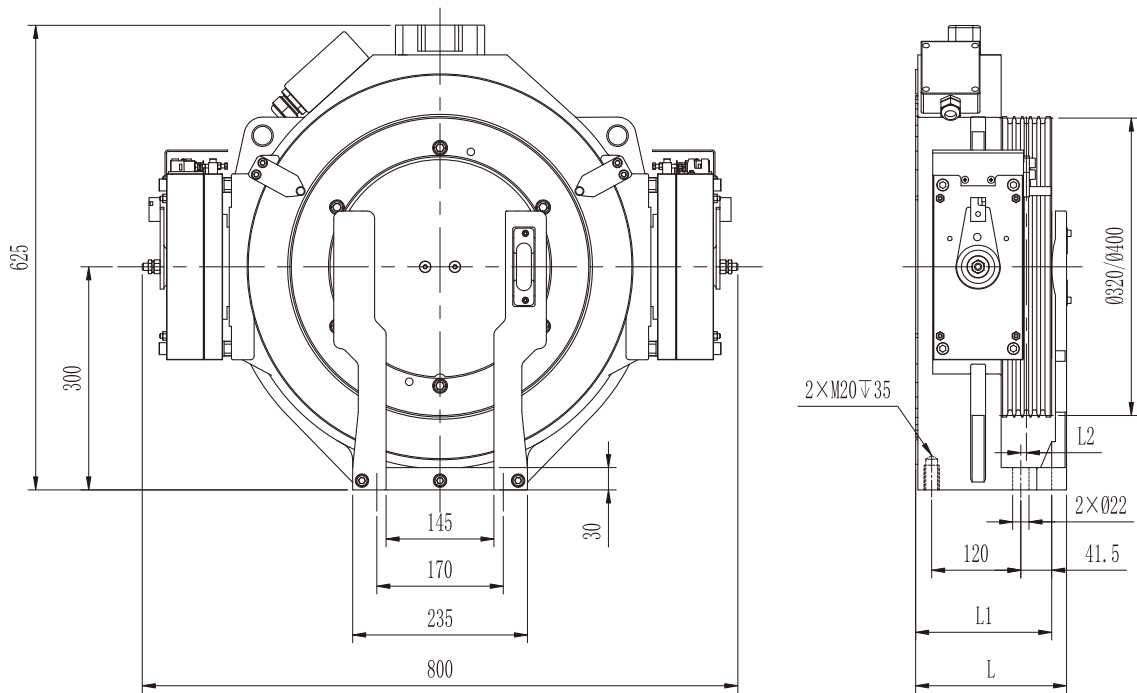
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(630~1000)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ320mm/Φ400mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	2500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	275kg
⊙ 制动器型号 Brake Type	EMK9K	电压U / 电流I DC110V / 2×1.3A

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCB100													
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	L2	L3	切口角 ^{*3}
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles					β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	mm	°
630-1.0A	630	1.0	320	4×Φ8×11	11	4.0	119	31.7	320	32	205	185	7.5	39	95
630-1.5A	630	1.5		4×Φ8×11	14	6.0	179	47.7	320	32					
630-1.6A	630	1.6		4×Φ8×11	16	6.4	191	50.9	320	32					
630-1.75A	630	1.75		4×Φ8×11	16	7.0	209	55.7	320	32					
800-1.0A	800	1.0	320	5×Φ8×11	13	5.1	119	31.7	410	32	205	185	7.5	39	
800-1.5A	800	1.5		5×Φ8×11	18	7.7	179	47.7	410	32					
800-1.6A	800	1.6		5×Φ8×11	21	8.2	191	50.9	410	32					
800-1.75A	800	1.75		5×Φ8×11	21	9.0	209	55.7	410	32					
630-1.0B	630	1.0	400	4×Φ8×11	10	4.0	95	25.3	400	32	205	185	7.5	39	
630-1.5B	630	1.5		4×Φ8×11	13	6.0	143	38.1	400	32					
630-1.6B	630	1.6		4×Φ8×11	16	6.4	153	40.8	400	32					
630-1.75B	630	1.75		4×Φ8×11	16	7.0	167	44.5	400	32					
800-1.0B	800	1.0	400	5×Φ8×11	12	5.1	95	25.3	510	32	238	218	/	47	
800-1.5B	800	1.5		5×Φ8×11	18	7.6	143	38.1	510	32					
800-1.6B	800	1.6		5×Φ8×11	20	8.2	153	40.8	510	32					
800-1.75B	800	1.75		5×Φ8×11	20	8.9	167	44.5	510	32					
1000-1.0	1000	1.0	400	6×Φ8×11	15	6.4	95	25.3	640	32	238	218	/	47	
1000-1.5	1000	1.5		6×Φ8×11	23	9.6	143	38.1	640	32					
1000-1.6	1000	1.6		6×Φ8×11	26	10.3	153	40.8	640	32					
1000-1.75	1000	1.75		6×Φ8×11	26	11.2	167	44.5	640	32					

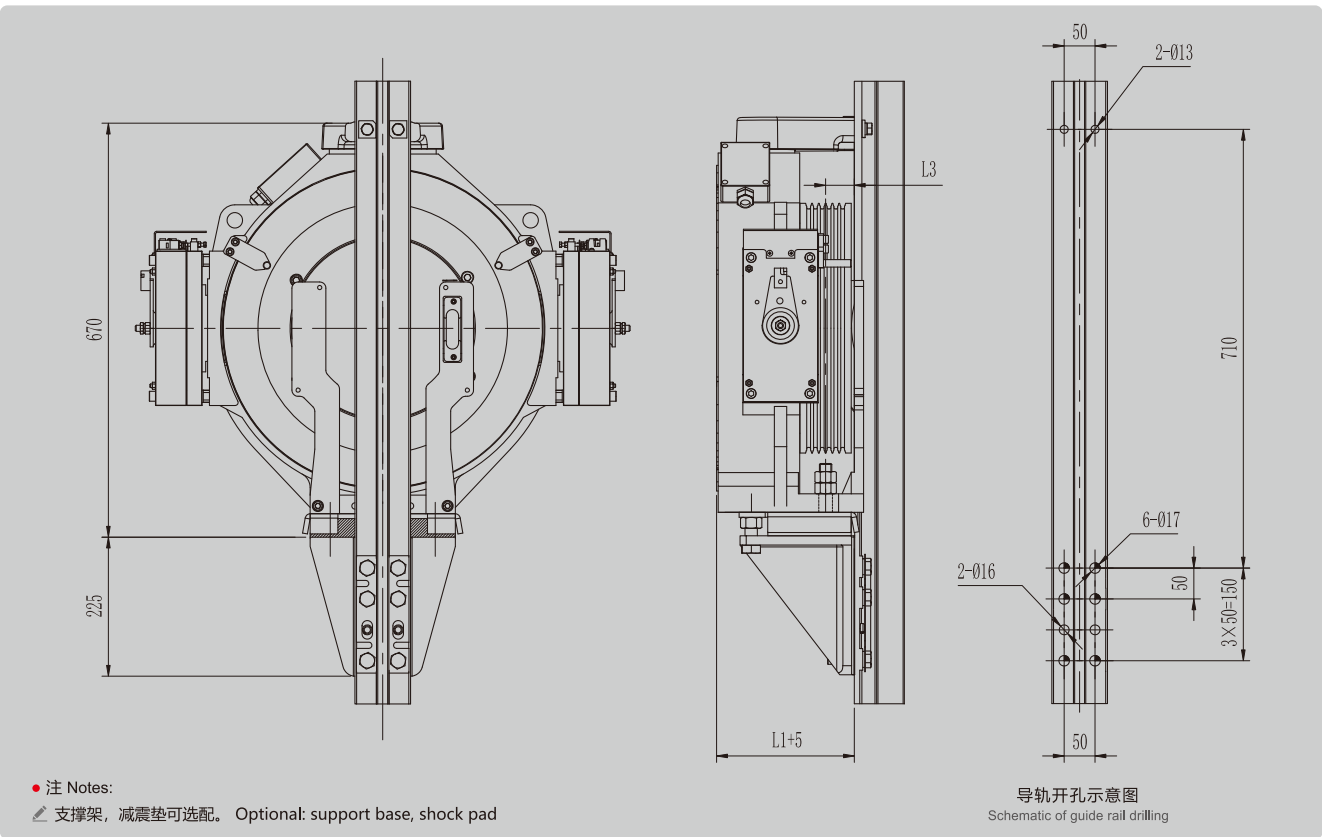
注 Notes:

*1、本机型只用于无机房。The machine is only used for machine roomless.

*2、本机型标配正弦磁环编码器。Standard configuration:sin&cos encoder.

*3、此切口角为推荐值，可根据客户需求非标切口角度。The above is recommended value of cut angle,it's optional according to practical condition.

安装示意图 DIMENSIONS



注 Notes:

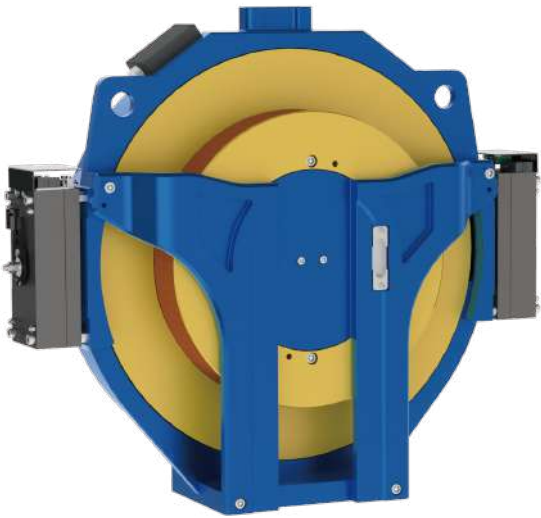
支撑架，减震垫可选配。Optional: support base, shock pad

MCB200

永磁同步无齿轮曳引机

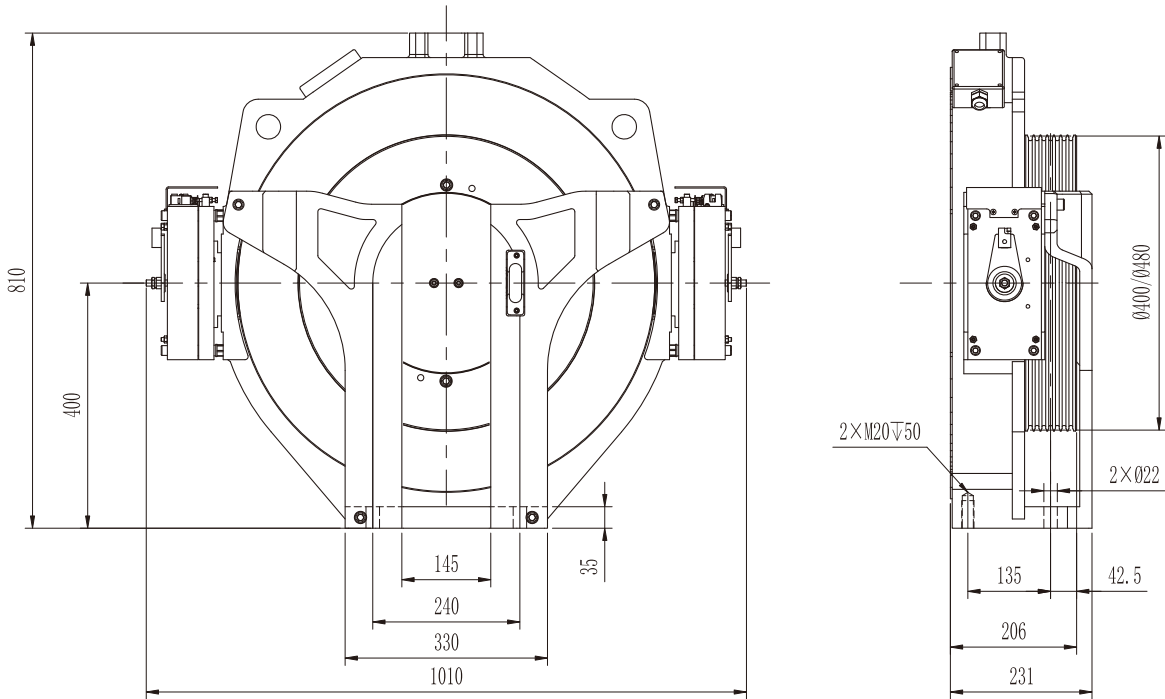
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(800~1250)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ400mm/Φ480mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	375kg
⊙ 制动器型号 Brake Type EMK9K 电压U / 电流I DC110V / 2×1.3A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MCB200									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	切口角 ^{*3}
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		°
800-1.0	800	1.0	400	5×Φ8×11	12	5.1	95	31.7	510	40	95
800-1.5	800	1.5		5×Φ8×11	18	7.6	143	47.7	510	40	
800-1.6	800	1.6		5×Φ8×11	20	8.2	153	51.0	510	40	
800-1.75	800	1.75		5×Φ8×11	20	8.9	167	55.7	510	40	
1000-1.0A	1000	1.0	400	6×Φ8×11	15	6.4	95	31.7	640	40	
1000-1.5A	1000	1.5		6×Φ8×11	23	9.6	143	47.7	640	40	
1000-1.6A	1000	1.6		6×Φ8×11	26	10.3	153	51.0	640	40	
1000-1.75A	1000	1.75		6×Φ8×11	26	11.2	167	55.7	640	40	
1150-1.0A	1150	1.0	400	6×Φ8×11	17	7.3	95	31.7	730	40	
1150-1.5A	1150	1.5		6×Φ8×11	25	10.9	143	47.7	730	40	
1150-1.6A	1150	1.6		6×Φ8×11	30	11.7	153	51.0	730	40	
1150-1.75A	1150	1.75		6×Φ8×11	30	12.8	167	55.7	730	40	
1250-1.0	1250	1.0	400	7×Φ8×11	20	8.0	95	31.7	800	40	
1250-1.5	1250	1.5		7×Φ8×11	30	12.0	143	47.7	800	40	
1250-1.6	1250	1.6		7×Φ8×11	34	12.8	153	51.0	800	40	
1250-1.75	1250	1.75		7×Φ8×11	34	14.0	167	55.7	800	40	
1000-1.0B	1000	1.0	480	6×Φ8×11	16	6.4	80	26.7	760	40	
1000-1.5B	1000	1.5		6×Φ8×11	23	9.5	119	39.7	760	40	
1000-1.6B	1000	1.6		6×Φ8×11	27	10.1	127	42.3	760	40	
1000-1.75B	1000	1.75		6×Φ8×11	27	11.1	139	46.3	760	40	
1150-1.0B	1150	1.0	480	6×Φ8×11	19	7.4	80	26.7	880	40	
1150-1.5B	1150	1.5		6×Φ8×11	30	11.0	119	39.7	880	40	
1150-1.6B	1150	1.6		6×Φ8×11	30	11.7	127	42.3	880	40	
1150-1.75B	1150	1.75		6×Φ8×11	30	12.8	139	46.3	880	40	

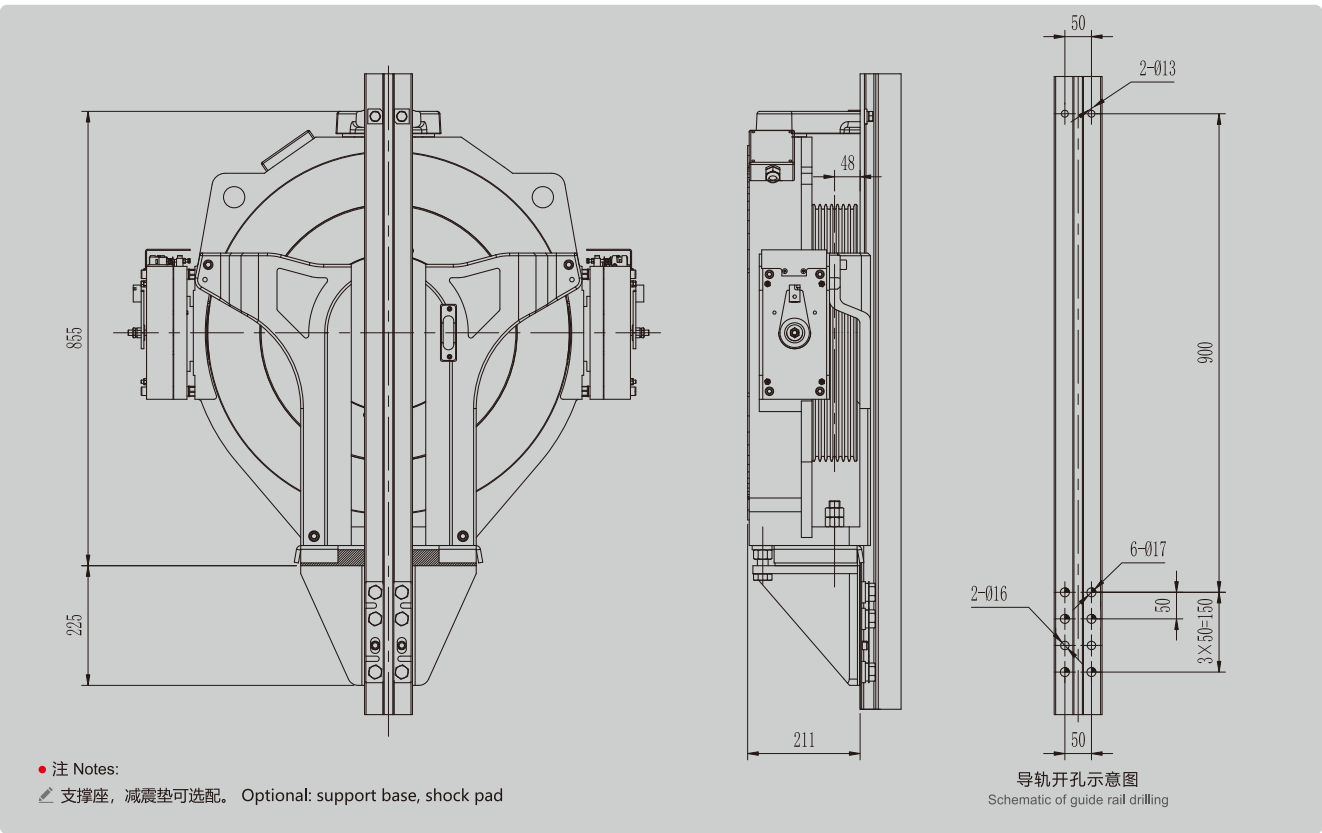
注 Notes:

✍ *1、本机型只用于无机房。The machine is only used for machine roomless.

✍ *2、本机型标配正余弦磁环编码器。Standard configuration:sin&cos encoder.

✍ *3、此切口角为推荐值，可根据客户需求非标切口角度。The above is recommended value of cut angle,it's optional according to practical condition.

安装示意图 DIMENSIONS



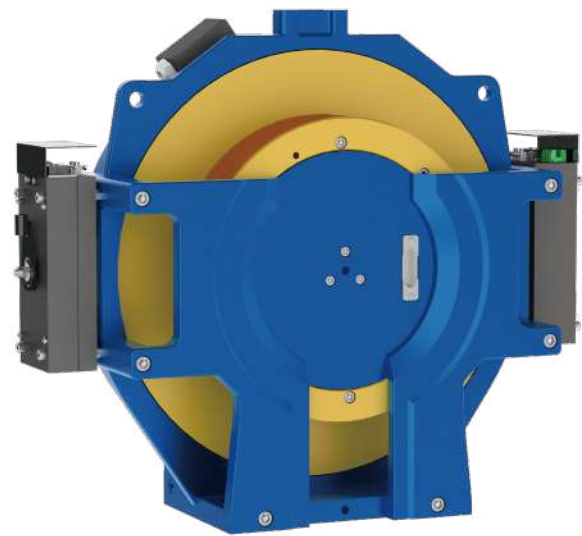
注 Notes:

✍ 支撑座，减震垫可选配。Optional: support base, shock pad

MCB300

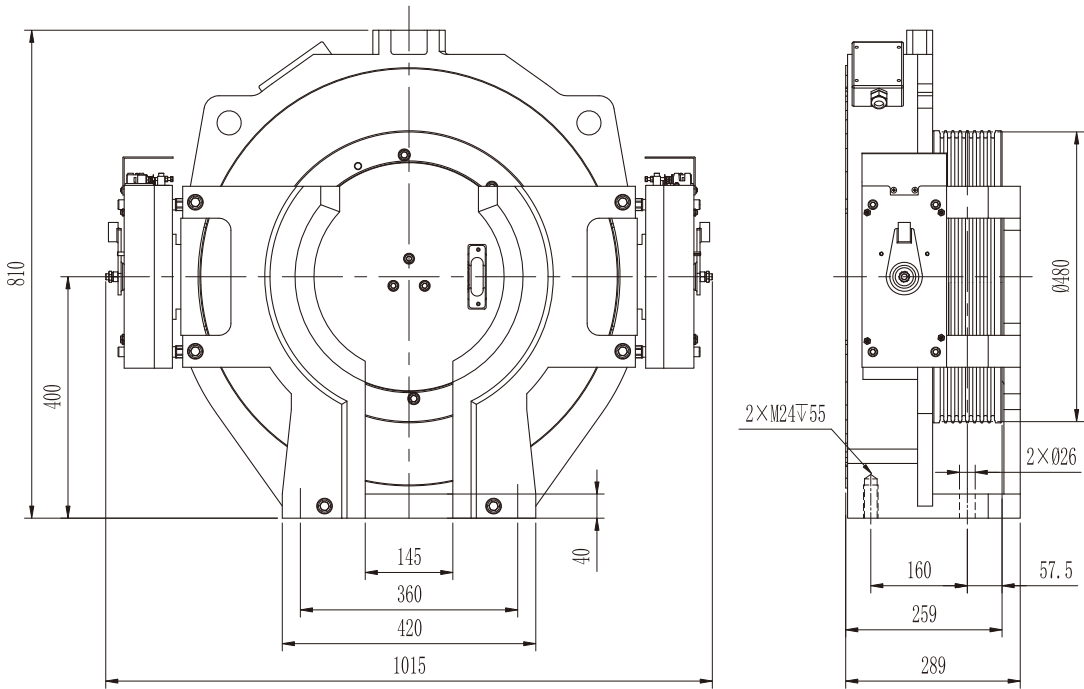
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(1350~1600)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ480mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	4500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	525kg
⦿ 制动器型号 Brake Type	EMK12K	电压U / 电流I DC110V / 2×1.6A

安装尺寸图 DIMENSIONS

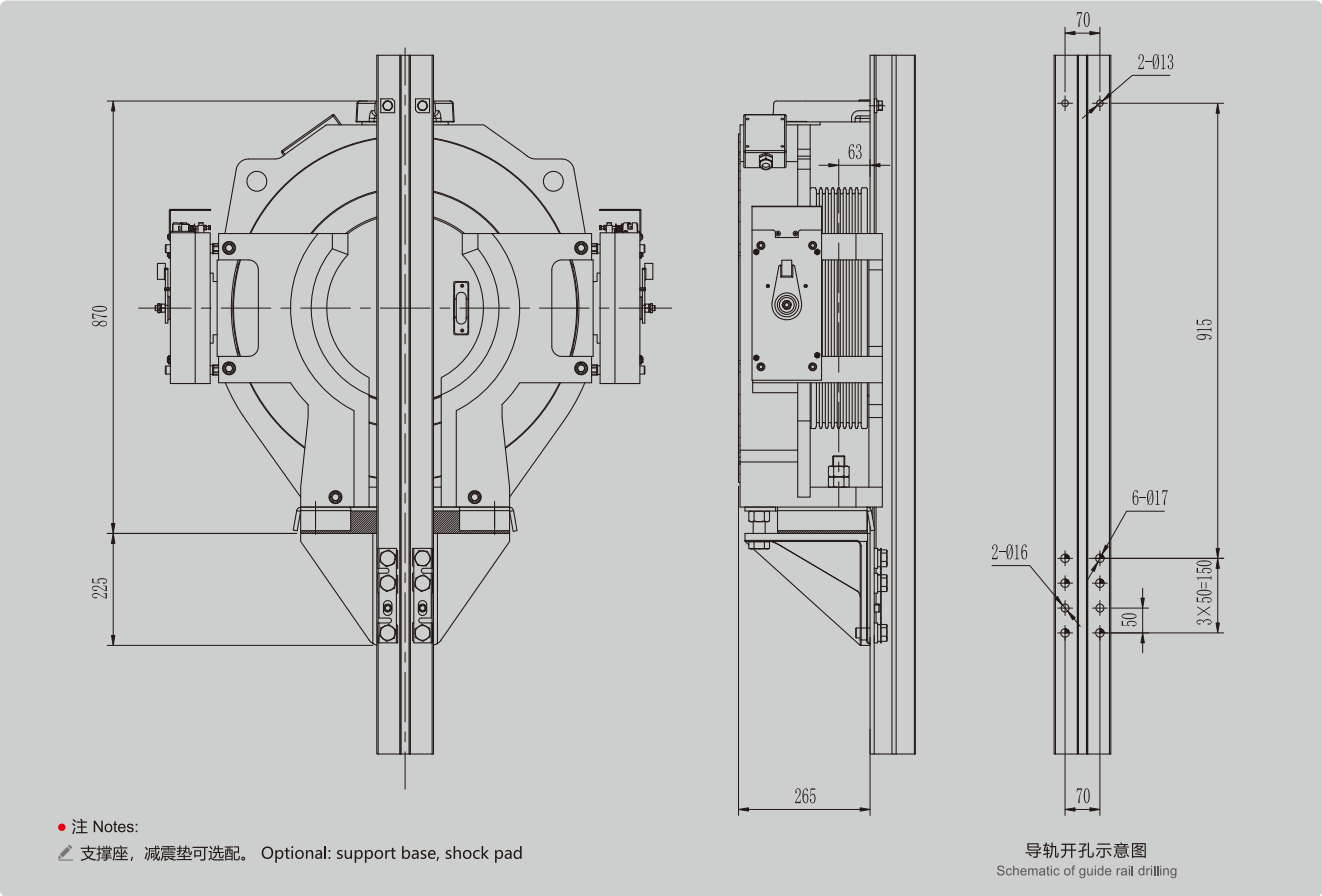


规格表 SPEC.SHEET

型号	Type	MCB300									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	切口角 ³
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		°
1350-1.0	1350	1.0	480	7×Φ8×12	21	8.6	80	26.7	1030	40	95
1350-1.5	1350	1.5		7×Φ8×12	30	12.8	119	39.7	1030	40	
1350-1.6	1350	1.6		7×Φ8×12	36	13.7	127	42.3	1030	40	
1350-1.75	1350	1.75		7×Φ8×12	36	15.0	139	46.3	1030	40	
1600-1.0	1600	1.0	480	8×Φ8×12	25	10.5	80	26.7	1250	40	
1600-1.5	1600	1.5		8×Φ8×12	35	15.6	119	39.7	1250	40	
1600-1.6	1600	1.6		8×Φ8×12	43	16.6	127	42.3	1250	40	
1600-1.75	1600	1.75		8×Φ8×12	43	18.2	139	46.3	1250	40	

- 注 Notes:
- ✎ *1、本机型只用于无机房。The machine is only used for machine roomless.
- ✎ *2、本机型标配正弦磁环编码器。Standard configuration:sin&cos encoder.
- ✎ *3、此切口角为推荐值，可根据客户需求非标切口角度。The above is recommended value of cut angle,it's optional according to practical condition.

安装示意图 DIMENSIONS



- 注 Notes:
- ✎ 支撑座，减震垫可选配。Optional: support base, shock pad

导轨开孔示意图
Schematic of guide rail drilling

MONADRIVE®

MONA 系列
SERIES

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



MONADRIVE®

MONA SERIES INCLUDES MONA系列包括

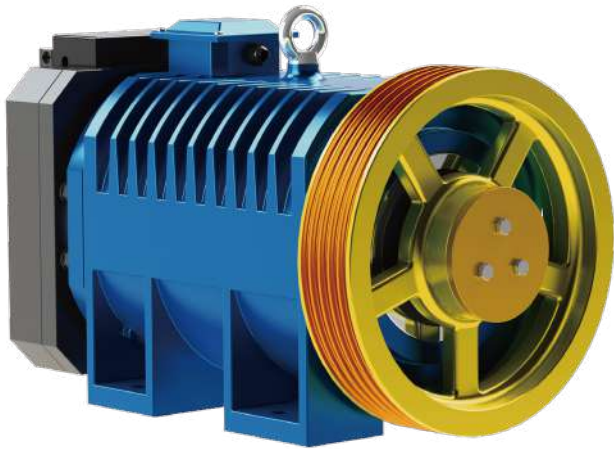
额定载重Load (450~630)kg 额定速度Speed(1.0~1.75)m/s	MONA200 ●
额定载重Load(630~1150)kg 额定速度Speed(1.0~1.75)m/s	MONA320 ●
额定载重Load(630~1000)kg 额定速度Speed(1.0~1.75)m/s	MONA320B ●
额定载重Load(1250~1600)kg 额定速度Speed(1.0~2.5)m/s	MONA320F ●
额定载重Load(800~1600)kg 额定速度Speed(1.0~2.5)m/s	MONA400 ●
额定载重Load(2000~3500)kg 额定速度Speed(1.0~3.0)m/s	MONA450 ●
额定载重Load(3500~5000)kg 额定速度Speed(1.0~3.0)m/s	MONA560 ●

MONA200 K

MONADRIVE®

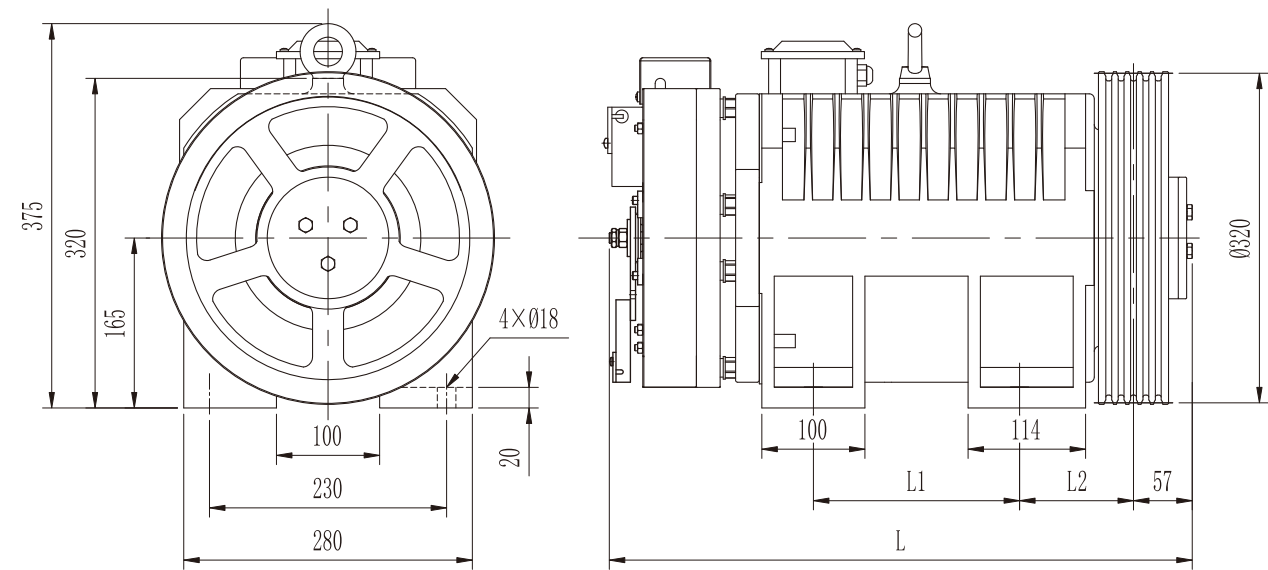
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	220V / 380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(450~630)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ320mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	2500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	185kg
⦿ 制动器型号 Brake Type EMM600 电压U / 电流I DC110V / 2×1.4A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA200													
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	电源电压	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	L2	切口角 [°]
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles				β Angle
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm	mm	°
450-1.0	450	1.0	320	4×Φ8×12	220 / 380	11 / 7	2.9	119	15.9	230	16	520	150	110.5	90
450-1.5	450	1.5		4×Φ8×12	220 / 380	19 / 11	4.3	179	23.9	230	16				
450-1.6	450	1.6		4×Φ8×12	220 / 380	19 / 11	4.6	191	25.5	230	16				
450-1.75	450	1.75		4×Φ8×12	220 / 380	19 / 11	5.0	209	27.9	230	16				
630-1.0	630	1.0	320	5×Φ8×12	220 / 380	16 / 10	4.0	119	15.9	320	16	570	200	110.5	
630-1.5	630	1.5		5×Φ8×12	220 / 380	27 / 16	6.0	179	23.9	320	16				
630-1.6	630	1.6		5×Φ8×12	220 / 380	27 / 16	6.4	191	25.5	320	16				
630-1.75	630	1.75		5×Φ8×12	220 / 380	27 / 16	7.0	209	27.9	320	16				

注 Notes:

- *1、本机型只用于无机房。The machine is only used for machine roomless.
- *2、本机型接线盒可选配于左置或者右置。（面对制动器）Facing the brake, junction box can be located on the left, right optionally.
- *3、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

MONA320

MONADRIVE®

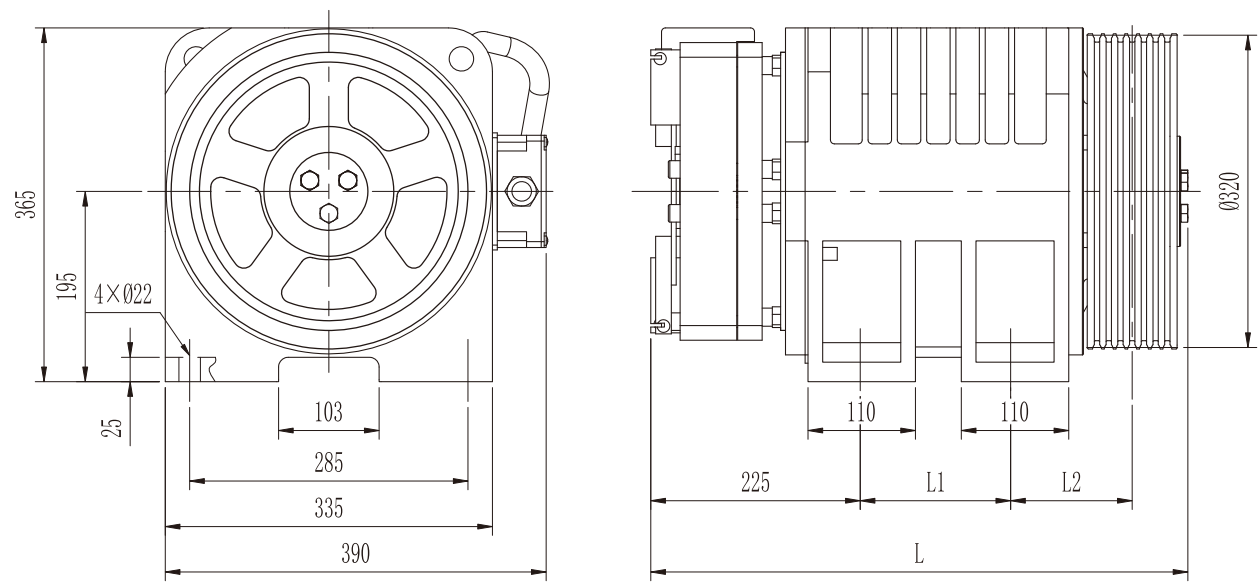
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(630~1150)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ320mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3500kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	295kg
⊙ 制动器型号 Brake Type EMM600 电压U / 电流I DC110V / 2×1.4A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA320												
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	L2	切口角 ^{1/2}
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles				β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	°
630-1.0	630	1.0	320	5×Φ8×12	10	4.0	119	23.8	320	24	550	154	124.5	90
630-1.5	630	1.5		5×Φ8×12	16	6.0	179	35.8	320	24				
630-1.6	630	1.6		5×Φ8×12	16	6.4	191	38.2	320	24				
630-1.75	630	1.75		5×Φ8×12	16	7.0	209	41.8	320	24				
800-1.0	800	1.0	320	6×Φ8×12	13	5.1	119	23.8	410	24	550	154	124.5	
800-1.5	800	1.5		6×Φ8×12	20	7.7	179	35.8	410	24				
800-1.6	800	1.6		6×Φ8×12	20	8.2	191	38.2	410	24				
800-1.75	800	1.75		6×Φ8×12	20	9.0	209	41.8	410	24				
1000-1.0	1000	1.0	320	7×Φ8×12	16	6.4	119	23.8	510	24	590	194	124.5	
1000-1.5	1000	1.5		7×Φ8×12	23	9.6	179	35.8	510	24				
1000-1.6	1000	1.6		7×Φ8×12	25	10.2	191	38.2	510	24				
1000-1.75	1000	1.75		7×Φ8×12	25	11.2	209	41.8	510	24				
1150-1.0	1150	1.0	320	8×Φ8×12	18	7.4	119	23.8	590	24	600	194	130.5	
1150-1.5	1150	1.5		8×Φ8×12	30	11.1	179	35.8	590	24				
1150-1.6	1150	1.6		8×Φ8×12	30	11.8	191	38.2	590	24				
1150-1.75	1150	1.75		8×Φ8×12	30	12.9	209	41.8	590	24				

● 注 Notes:

✍ *1、本机型只用于无机房。The machine is only used for machine roomless.

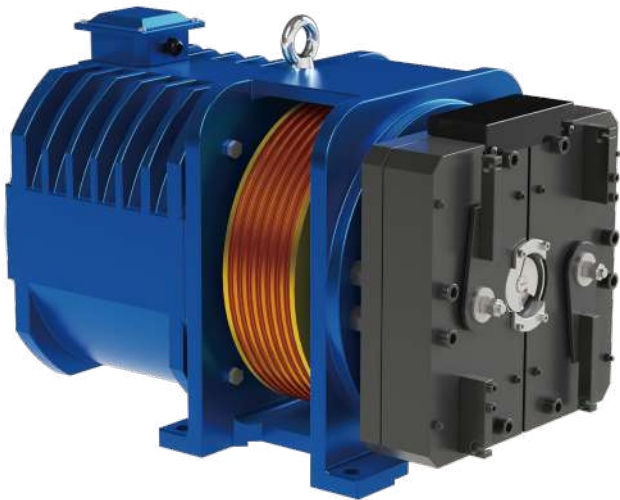
✍ *2、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

MONA320B

MONADRIVE®

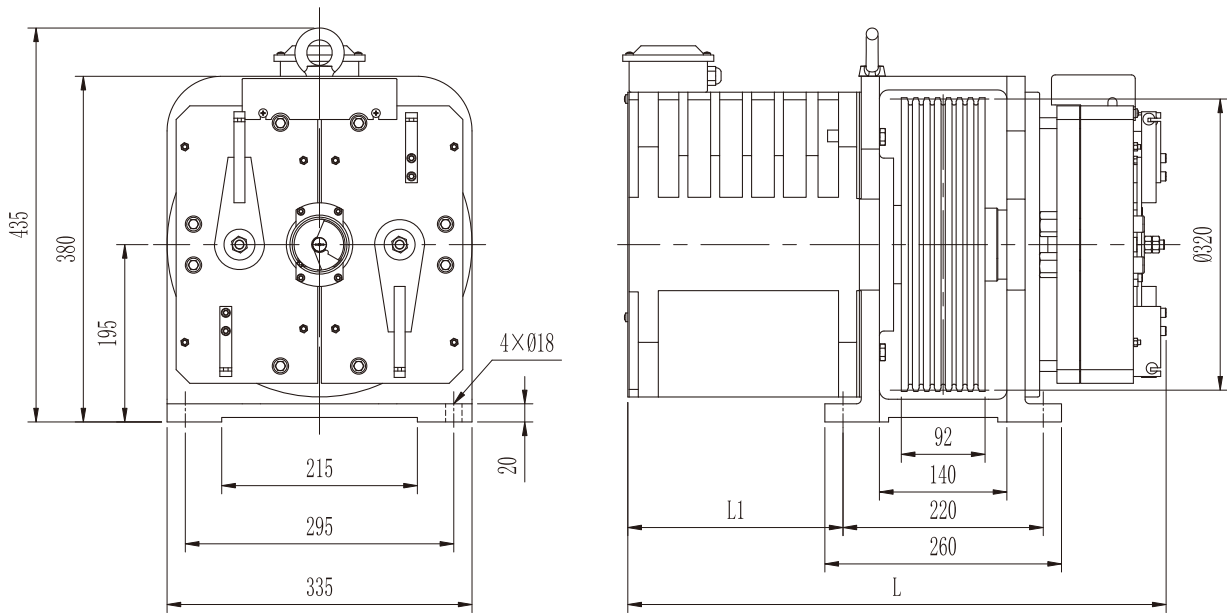
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(630~1000)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Diam.	Φ320mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	265kg
⊙ 制动器型号 Brake Type EMM600 电压U / 电流I DC110V / 2×1.4A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA320B											
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	切口角 ^{*3}
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles			β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	°
630-1.0	630	1.0	320	5×Φ8×12	10	4.0	119	23.8	320	24	600	240	90
630-1.5	630	1.5		5×Φ8×12	16	6.0	179	35.8	320	24			
630-1.6	630	1.6		5×Φ8×12	16	6.4	191	38.2	320	24			
630-1.75	630	1.75		5×Φ8×12	16	7.0	209	41.8	320	24			
800-1.0	800	1.0	320	6×Φ8×12	13	5.1	119	23.8	410	24	600	240	
800-1.5	800	1.5		6×Φ8×12	20	7.7	179	35.8	410	24			
800-1.6	800	1.6		6×Φ8×12	20	8.2	191	38.2	410	24			
800-1.75	800	1.75		6×Φ8×12	20	9.0	209	41.8	410	24			
1000-1.0	1000	1.0	320	7×Φ8×12	16	6.4	119	23.8	510	24	640	280	
1000-1.5	1000	1.5		7×Φ8×12	23	9.6	179	35.8	510	24			
1000-1.6	1000	1.6		7×Φ8×12	25	10.2	191	38.2	510	24			
1000-1.75	1000	1.75		7×Φ8×12	25	11.2	209	41.8	510	24			

注 Notes:

- *1、本机型只用于无机房。The machine is only used for machine roomless.
- *2、本机型接线盒可选配于左置或者右置。（面对制动器）Facing the brake, junction box can be located on the left, right optionally.
- *3、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

MONA320F

MONADRIVE®

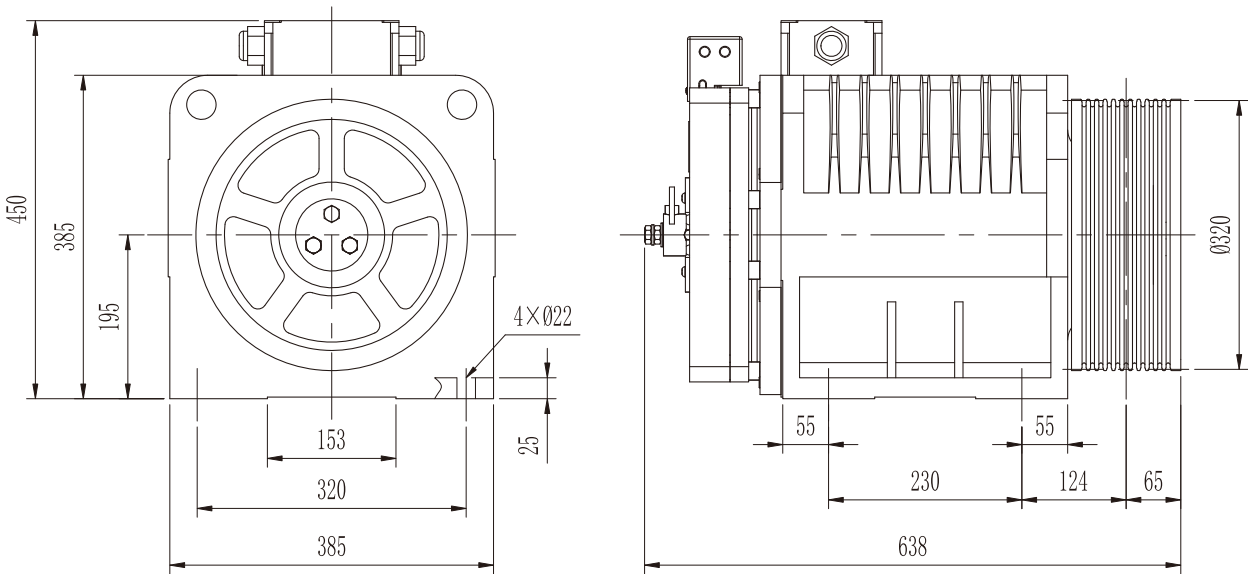
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(1250~1600)kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Diam.	Φ320mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	5000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	330kg
☉ 制动器型号 Brake Type EMM1K 电压U / 电流I DC110V / 2×2.0A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA320F									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	切口角 ^{*2}
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		°
1250-1.0	1250	1.0	320	8×Φ8×12	18	8.0	119	15.9	640	16	95
1250-1.5	1250	1.5		8×Φ8×12	27	12.0	179	23.9	640	16	
1250-1.6	1250	1.6		8×Φ8×12	30	12.8	191	25.5	640	16	
1250-1.75	1250	1.75		8×Φ8×12	30	14.0	209	27.9	640	16	
1250-2.0	1250	2.0		8×Φ8×12	35	16.0	239	31.9	640	16	
1250-2.5	1250	2.5		8×Φ8×12	44	20.0	298	39.7	640	16	
1350-1.0	1350	1.0	320	9×Φ8×12	20	8.6	119	15.9	690	16	
1350-1.5	1350	1.5		9×Φ8×12	30	12.9	179	23.9	690	16	
1350-1.6	1350	1.6		9×Φ8×12	34	13.8	191	25.5	690	16	
1350-1.75	1350	1.75		9×Φ8×12	34	15.1	209	27.9	690	16	
1350-2.0	1350	2.0		9×Φ8×12	38	17.3	239	31.9	690	16	
1350-2.5	1350	2.5		9×Φ8×12	47	21.5	298	39.7	690	16	
1600-1.0	1600	1.0	320	10×Φ8×12	24	10.3	119	15.9	830	16	
1600-1.5	1600	1.5		10×Φ8×12	35	15.6	179	23.9	830	16	
1600-1.6	1600	1.6		10×Φ8×12	40	16.6	191	25.5	830	16	
1600-1.75	1600	1.75		10×Φ8×12	40	18.2	209	27.9	830	16	
1600-2.0	1600	2.0		10×Φ8×12	45	20.8	239	31.9	830	16	
1600-2.5	1600	2.5		10×Φ8×12	56	25.9	298	39.7	830	16	

● 注 Notes:

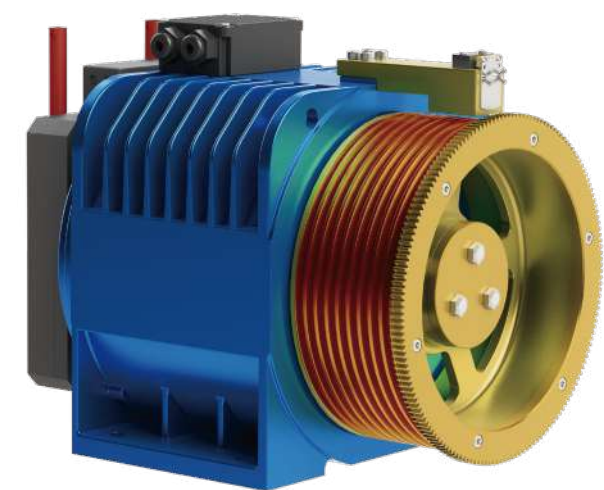
✍ *1、本机型只用于无机房。The machine is only used for machine roomless.

✍ *2、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

MONA400

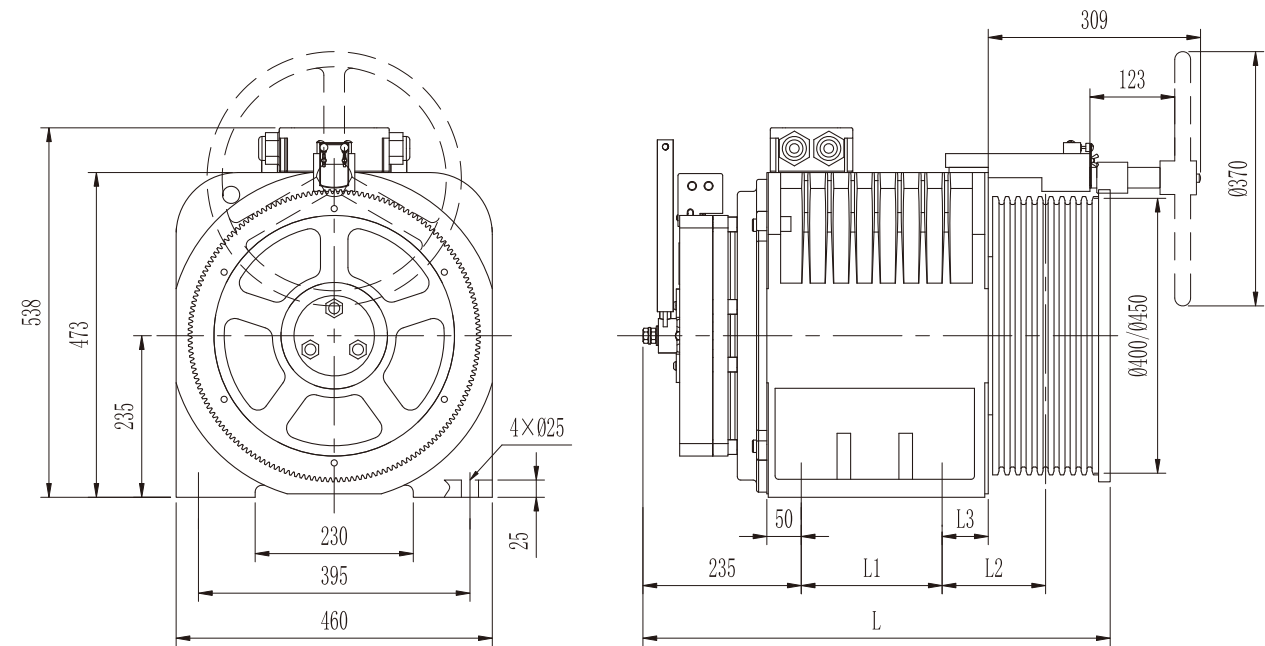
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



• 电源电压	Voltage	380V
• 曳 引 比	Roping	2:1
• 额定载重	Load	(800~1600)kg
• 额定梯速	Elv. Speed	(1.0~2.5)m/s
• 曳引轮节径	Sheave Diam.	Φ400mm/Φ450mm
• 防护等级	Shell Protection Grade	IP41
• 绝缘等级	Ins. Grade	F
• 最大轴静载	Max. Axle Load	5500kg
• 工 作 制	Duty	S5-40%
• 自 重	Weight	420kg
⦿ 制动器型号 Brake Type	EMM1K	电压U / 电流I DC110V / 2×2.0A

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA400													
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1	L2	L3	切口角 ^{*2}
Spec.	Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles					β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	mm	°
800-1.0	800	1.0	400	5×Φ10×15	13	5.1	95	25.3	510	32	500	130	108.5	57	95
800-1.5	800	1.5		5×Φ10×15	20	7.6	143	38.1	510	32					
800-1.6	800	1.6		5×Φ10×15	20	8.2	153	40.8	510	32					
800-1.75	800	1.75		5×Φ10×15	20	8.9	167	44.5	510	32					
800-2.0	800	2.0		5×Φ10×15	23	10.2	191	50.9	510	32					
800-2.5	800	2.5		5×Φ10×15	29	12.8	239	63.7	510	32					
1000-1.0	1000	1.0	400	5×Φ10×15	16	6.4	95	25.3	640	32	500	130	108.5	57	
1000-1.5	1000	1.5		5×Φ10×15	23	9.6	143	38.1	640	32					
1000-1.6	1000	1.6		5×Φ10×15	25	10.3	153	40.8	640	32					
1000-1.75	1000	1.75		5×Φ10×15	25	11.2	167	44.5	640	32					
1000-2.0	1000	2.0		5×Φ10×15	29	12.8	191	50.9	640	32					
1000-2.5	1000	2.5		6×Φ10×15	36	16.0	239	63.7	640	32	516	130	116.5	57	
1150-1.0	1150	1.0	400	6×Φ10×15	18	7.3	95	25.3	730	32	516	130	116.5	57	
1150-1.5	1150	1.5		6×Φ10×15	29	10.9	143	38.1	730	32					
1150-1.6	1150	1.6		6×Φ10×15	29	11.7	153	40.8	730	32					
1150-1.75	1150	1.75		6×Φ10×15	29	12.8	167	44.5	730	32					
1150-2.0	1150	2.0		6×Φ10×15	33	14.6	191	50.9	730	32					
1150-2.5	1150	2.5		6×Φ10×15	43	18.3	239	63.7	730	32					
1250-1.0	1250	1.0	400	7×Φ10×15	20	8.0	95	25.3	800	32	680	205	150.5	67	
1250-1.5	1250	1.5		7×Φ10×15	30	12.0	143	38.1	800	32					
1250-1.6	1250	1.6		7×Φ10×15	30	12.8	153	40.8	800	32					
1250-1.75	1250	1.75		7×Φ10×15	30	14.0	167	44.5	800	32					
1250-2.0	1250	2.0		7×Φ10×15	36	16.0	191	50.9	800	32					
1250-2.5	1250	2.5		7×Φ10×15	46	20.0	239	63.7	800	32					
1350-1.0	1350	1.0	400	7×Φ10×15	21	8.6	95	25.3	860	32	680	205	150.5	67	
1350-1.5	1350	1.5		7×Φ10×15	30	12.9	143	38.1	860	32					
1350-1.6	1350	1.6		7×Φ10×15	34	13.8	153	40.8	860	32					
1350-1.75	1350	1.75		7×Φ10×15	34	15.0	167	44.5	860	32					
1350-2.0	1350	2.0		7×Φ10×15	39	17.2	191	50.9	860	32					
1350-2.5	1350	2.5		7×Φ10×15	50	21.5	239	63.7	860	32					
1600-1.0A	1600	1.0	400	7×Φ10×15	25	10.3	95	25.3	1040	32	680	205	150.5	67	
1600-1.5A	1600	1.5		8×Φ10×15	35	15.6	143	38.1	1040	32					
1600-1.6A	1600	1.6		8×Φ10×15	41	16.7	153	40.8	1040	32					
1600-1.75A	1600	1.75		8×Φ10×15	41	18.2	167	44.5	1040	32					
1600-2.0A	1600	2.0		8×Φ10×15	47	20.8	191	50.9	1040	32					
1600-2.5A	1600	2.5		8×Φ10×15	60	26.0	239	63.7	1040	32					
1600-1.0B	1600	1.0	450	7×Φ10×15	25	10.4	85	22.7	1170	32	680	205	150.5	67	
1600-1.5B	1600	1.5		8×Φ10×15	35	15.6	127	33.9	1170	32					
1600-1.6B	1600	1.6		8×Φ10×15	41	16.7	136	36.3	1170	32					
1600-1.75B	1600	1.75		8×Φ10×15	41	18.3	149	39.7	1170	32					
1600-2.0B	1600	2.0		8×Φ10×15	48	20.8	170	45.3	1170	32					
1600-2.5B	1600	2.5		8×Φ10×15	58	26.0	212	56.5	1170	32					

• 注 Notes:

✎ *1、本机型可用于无机房。The machine can also be used for machine roomless.

✎ *2、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

MONA450

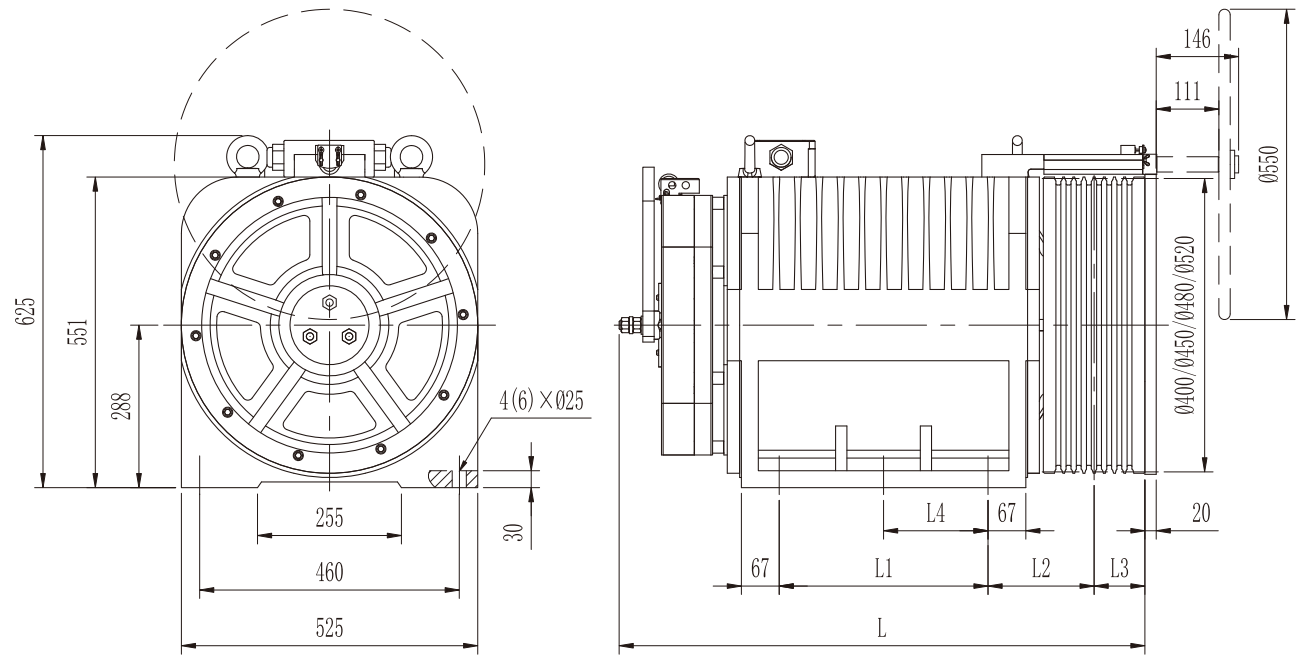
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(2000~3500)kg
● 额定梯速	Elv. Speed	(1.0~3.0)m/s
● 曳引轮节径	Sheave Diam.	(Φ400/Φ450/Φ480/Φ520)mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	12000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	930kg
⊙ 制动器型号 Brake Type	EMM2K	电压U / 电流I DC110V / 2×2.5A

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA450															极数	L	L1	L2	L3	L4	切口角 [°]
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩												β Angle		
Spec.	Elv. Load	Elv. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles							mm	mm	mm	mm	mm	°	
2000-1.0	2000	1.0	400	9×Φ10×15	29	12.9	95	25.3	1300	32		665	144	195	81.5	/						根据工况	
2000-2.0	2000	2.0		9×Φ10×15	55	26.0	191	50.9	1300	32													
2500-1.0	2500	1.0	400	10×Φ10×15	37	16.1	95	25.3	1620	32		740	194	195	81.5	/							
2500-2.0	2500	2.0		10×Φ10×15	70	32.4	191	50.9	1620	32													
2000-1.0	2000	1.0	450	8×Φ10×15	31	13.0	85	22.7	1460	32		680	194	160	65	/							
2000-1.5	2000	1.5		9×Φ10×15	43	19.4	127	33.9	1460	32													
2000-1.75	2000	1.75		9×Φ10×15	49	22.8	149	39.7	1460	32		700	194	172	77	/							
2000-2.0	2000	2.0		9×Φ10×15	56	26.0	170	45.3	1460	32													
2000-2.5	2000	2.5		9×Φ10×15	71	32.4	212	56.5	1460	32													
2500-1.0	2500	1.0	450	9×Φ10×15	37	16.3	85	22.7	1830	32													
2500-1.5	2500	1.5		9×Φ10×15	53	24.3	127	33.9	1830	32													
2500-1.75	2500	1.75		9×Φ10×15	62	28.6	149	39.7	1830	32		750	254	172	77	127							
2500-2.0	2500	2.0		9×Φ10×15	68	32.6	170	45.3	1830	32													
2500-2.5	2500	2.5		9×Φ10×15	83	40.6	212	56.5	1830	32													
2000-1.0	2000	1.0	480	7×Φ12×17	30	13.1	80	21.3	1560	32													
2000-1.5	2000	1.5		7×Φ12×17	43	19.4	119	31.7	1560	32		700	194	180	85	/							
2000-1.75	2000	1.75		7×Φ12×17	51	22.7	139	37.1	1560	32													
2000-2.0	2000	2.0		7×Φ12×17	54	26.0	159	42.4	1560	32													
2000-2.5	2000	2.5		8×Φ12×17	68	32.5	199	53.1	1560	32		750	254	180	85	127							
2000-3.0	2000	3.0		8×Φ12×17	81	39.0	239	63.7	1560	32													
2500-1.0	2500	1.0	480	8×Φ12×17	41	16.3	80	21.3	1950	32													
2500-1.5	2500	1.5		8×Φ12×17	53	24.3	119	31.7	1950	32		750	254	180	85	127							
2500-1.75	2500	1.75		8×Φ12×17	66	28.4	139	37.1	1950	32													
2500-2.0	2500	2.0		8×Φ12×17	70	32.5	159	42.4	1950	32													
2500-2.5	2500	2.5		8×Φ12×17	89	40.6	199	53.1	1950	32													
2500-3.0	2500	3.0		8×Φ12×17	126	58.6	239	63.7	1950	32													
2500-1.0	2500	1.0	520	7×Φ13×18	38	16.1	73	19.5	2110	32												105	
2500-1.5	2500	1.5		7×Φ13×18	53	24.3	110	29.3	2110	32													
2500-1.75	2500	1.75		7×Φ13×18	61	28.5	129	34.4	2110	32		766	254	188	90	127							
2500-2.0	2500	2.0		7×Φ13×18	66	32.5	147	39.2	2110	32													
2500-2.5	2500	2.5		7×Φ13×18	88	40.7	184	49.1	2110	32													
2500-3.0	2500	3.0		7×Φ13×18	99	48.6	220	58.7	2110	32													
3000-1.0	3000	1.0	480	8×Φ12×17	42	19.6	80	21.3	2340	32													
3000-1.5	3000	1.5		8×Φ12×17	68	29.2	119	31.7	2340	32		940	370	180	85	185							
3000-1.75	3000	1.75		8×Φ12×17	71	34.1	139	37.1	2340	32													
3000-2.0	3000	2.0		9×Φ12×17	80	39.0	159	42.4	2340	32													
3000-2.5	3000	2.5		9×Φ12×17	98	48.8	199	53.1	2340	32													
3000-3.0	3000	3.0		9×Φ12×17	126	58.6	239	63.7	2340	32													
3000-1.0	3000	1.0	520	8×Φ13×18	45	19.3	73	19.5	2530	32													
3000-1.5	3000	1.5		8×Φ13×18	68	29.1	110	29.3	2530	32		940	370	188	90	185							
3000-1.75	3000	1.75		8×Φ13×18	71	34.2	129	34.4	2530	32													
3000-2.0	3000	2.0		8×Φ13×18	83	38.9	147	39.2	2530	32													
3000-2.5	3000	2.5		8×Φ13×18	101	48.7	184	49.1	2530	32													
3000-3.0	3000	3.0		8×Φ13×18	126	58.3	220	58.7	2530	32													
3500-1.0	3500	1.0	520	8×Φ13×18	50	21.4	73	19.5	2800	32													
3500-1.5	3500	1.5		8×Φ13×18	83	32.3	110	29.3	2800	32		940	370	188	90	185							
3500-1.75	3500	1.75		8×Φ13×18	83	37.8	129	34.4	2800	32													
3500-2.0	3500	2.0		8×Φ13×18	91	43.1	147	39.2	2800	32													
3500-2.5	3500	2.5		8×Φ13×18	115	53.9	184	49.1	2800	32													
3500-3.0	3500	3.0		8×Φ13×18	140	64.5	220	58.7	2800	32													

注 Notes:

✎ *1、本机型可用于无机房。The machine can also be used for machine roomless.

✎ *2、本机型用于无机房时需选用电动松闸装置。The machine is equipped with electrical brake release device.

✎ *3、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.

MONA560

MONADRIVE®

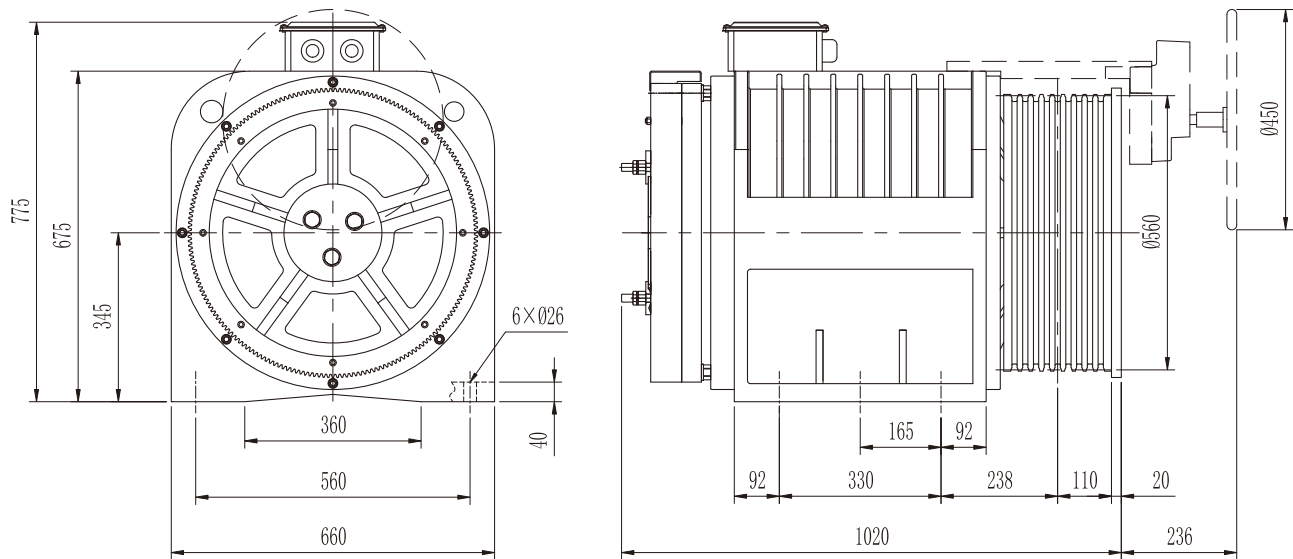
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(3500~5000)kg
● 额定梯速	Elev. Speed	(1.0~3.0)m/s
● 曳引轮节径	Sheave Diam.	Φ560mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	14000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	1200kg
☉ 制动器型号 Brake Type EMM6K 电压U / 电流I DC110V / 2×2.3A		

安装尺寸图 DIMENSIONS

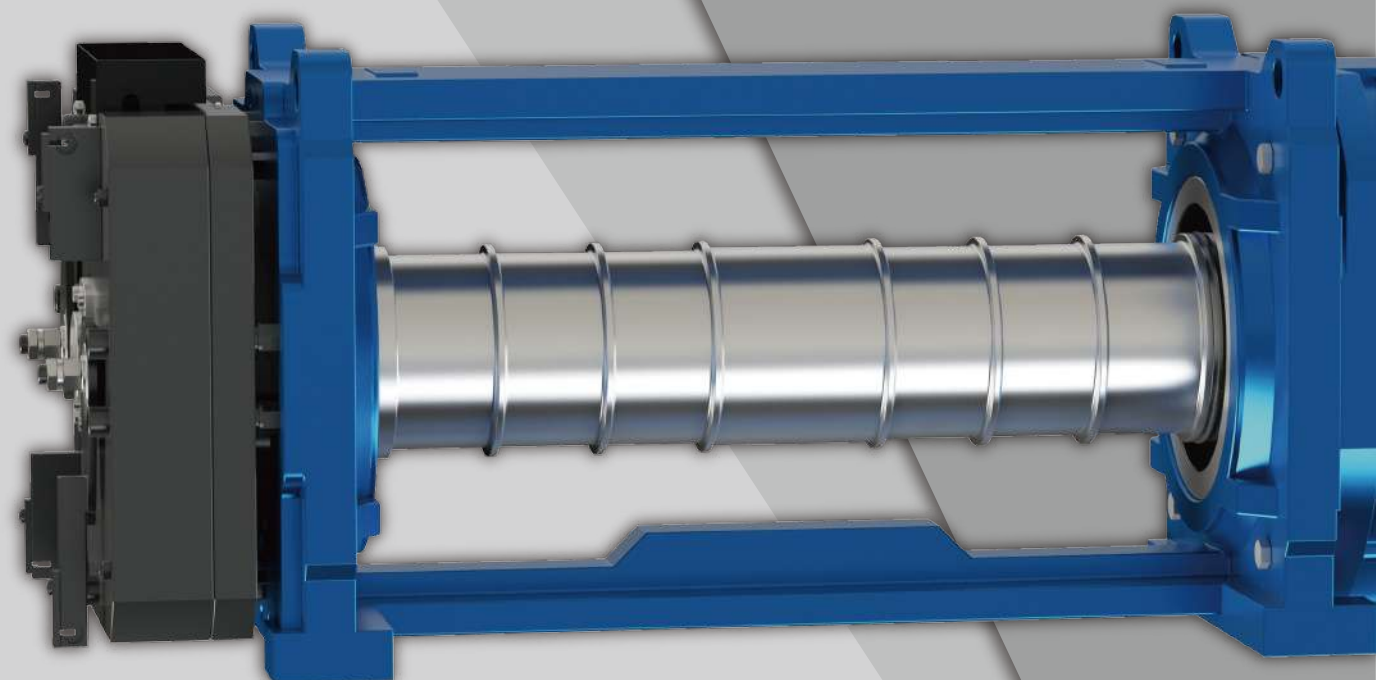


规格表 SPEC.SHEET

型号	Type	MONA560									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	切口角 ^{*3}
Spec.	Load	Elev. Speed	Sheave Diam.	Sheave Groove	Current	Power	Speed	Freq.	Torque	Poles	β Angle
	kg	m/s	mm		A	kW	r/min	Hz	N·m		°
3500-1.0	3500	1.0	560	9×Φ13×18	55	22.9	68	11.3	3220	20	105
3500-1.5	3500	1.5		9×Φ13×18	93	34.4	102	17.0	3220	20	
3500-1.6	3500	1.6		9×Φ13×18	93	36.8	109	18.2	3220	20	
3500-1.75	3500	1.75		9×Φ13×18	93	40.1	119	19.8	3220	20	
3500-2.0	3500	2.0		9×Φ13×18	103	45.9	136	22.7	3220	20	
3500-2.5	3500	2.5		9×Φ13×18	132	57.7	171	28.5	3220	20	
3500-3.0	3500	3.0		9×Φ13×18	154	69.1	205	34.2	3220	20	
4000-1.0	4000	1.0	560	10×Φ13×18	62	26.2	68	11.3	3680	20	
4000-1.5	4000	1.5		10×Φ13×18	106	39.3	102	17.0	3680	20	
4000-1.6	4000	1.6		10×Φ13×18	106	42.0	109	18.2	3680	20	
4000-1.75	4000	1.75		10×Φ13×18	106	45.9	119	19.8	3680	20	
4000-2.0	4000	2.0		10×Φ13×18	117	52.4	136	22.7	3680	20	
4000-2.5	4000	2.5		10×Φ13×18	151	65.9	171	28.5	3680	20	
4000-3.0	4000	3.0		10×Φ13×18	176	79.0	205	34.2	3680	20	
4500-1.0	4500	1.0	560	10×Φ13×18	70	29.5	68	11.3	4140	20	
4500-1.5	4500	1.5		10×Φ13×18	119	44.2	102	17.0	4140	20	
4500-1.6	4500	1.6		10×Φ13×18	119	47.3	109	18.2	4140	20	
4500-1.75	4500	1.75		10×Φ13×18	119	51.6	119	19.8	4140	20	
4500-2.0	4500	2.0		10×Φ13×18	132	59.0	136	22.7	4140	20	
4500-2.5	4500	2.5		10×Φ13×18	170	74.1	171	28.5	4140	20	
4500-3.0	4500	3.0		10×Φ13×18	198	88.9	205	34.2	4140	20	
5000-1.0	5000	1.0	560	11×Φ13×18	78	32.8	68	11.3	4600	20	
5000-1.5	5000	1.5		11×Φ13×18	132	49.1	102	17.0	4600	20	
5000-1.6	5000	1.6		11×Φ13×18	132	52.5	109	18.2	4600	20	
5000-1.75	5000	1.75		11×Φ13×18	132	57.3	119	19.8	4600	20	
5000-2.0	5000	2.0		11×Φ13×18	147	65.5	136	22.7	4600	20	
5000-2.5	5000	2.5		11×Φ13×18	189	82.4	171	28.5	4600	20	
5000-3.0	5000	3.0		11×Φ13×18	220	98.7	205	34.2	4600	20	

注 Notes:

- *1、本机型可用于无机房。The machine can also be used for machine roomless.
- *2、本机型用于无机房时需选用电动松闸装置。The machine is equipped with electrical brake release device.
- *3、此切口角为推荐值，可根据客户需求非标切口角度。The undercut angle is recommended value, and it's optional according to practical condition.



MONADRIVE®

MGD 系列
SERIES

永磁同步无齿轮钢带曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS BELT TRACTION MACHINE

MONADRIVE®

MGD SERIES INCLUDES **MGD系列包括**

额定载重 Load (450~800) kg
额定速度 Speed (0.5~1.75) m/s MGD100K3 ●

额定载重 Load (800~1150) kg
额定速度 Speed (0.5~2.0) m/s MGD100K4 ●

额定载重 Load (1250~1350) kg
额定速度 Speed (1.0~2.0) m/s MGD100K6 ●

额定载重 Load (1350~2500) kg
额定速度 Speed (1.0~2.5) m/s MGD120 ●

OPTIONAL ACCESSORIES **可选配件**



导向轮
GUIDE WHEEL



钢带
STEEL BELT



断带检测装置
BROKEN TAPE DETECTION ASSEMBLY



绳头组合
ROPE HEAD ASSEMBLY

MGD100 K₃

MONADRIVE®

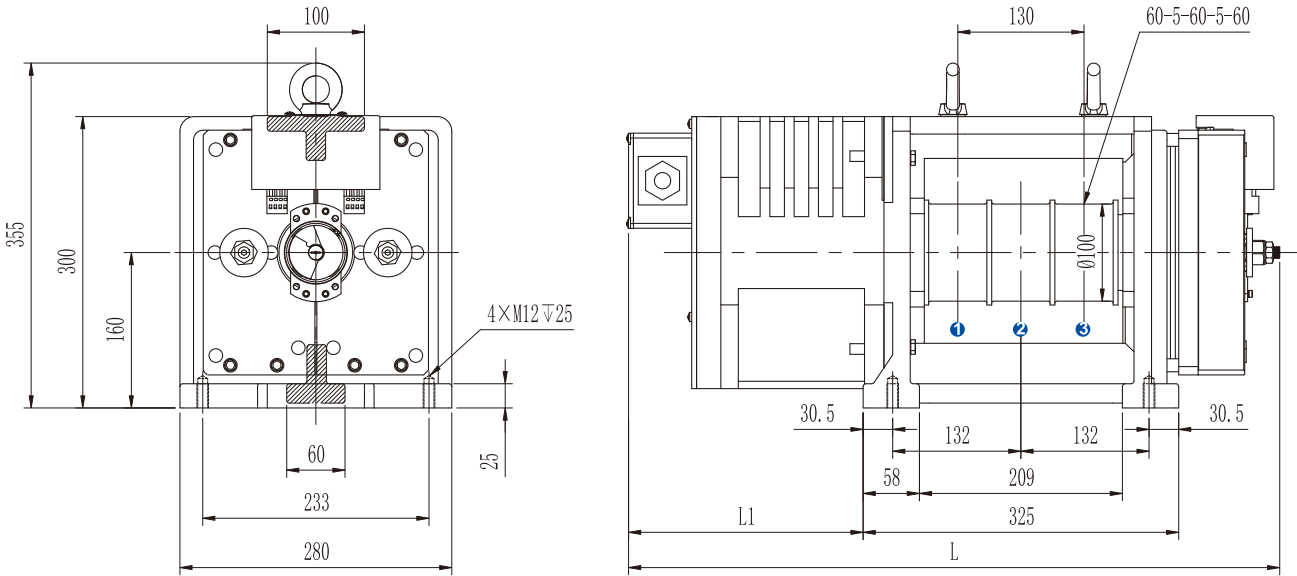
永磁同步无齿轮钢带曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS BELT TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(450~800)kg
● 额定梯速	Elev. Speed	(0.5~1.75)m/s
● 钢带轮直径	Sheave Diam.	Φ100mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	150kg
☉ 制动器型号 Brake Type EMM400F 电压U / 电流I DC110V / 2×1.1A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MGD100K										
规格	额定载重	额定梯速	钢带轮直径	钢带槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1
Spec.	Load	Elev. Speed	Sheave Diam.	Groove	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
450-0.5	450	0.5	100	3×60	5	1.6	191	25.5	80	16	640	210
450-0.63	450	0.63		3×60	5	2.0	241	32.1	80	16		
450-1.0	450	1.0		3×60	7	3.2	382	50.9	80	16		
450-1.5	450	1.5		3×60	12	4.8	573	76.4	80	16		
450-1.75	450	1.75		3×60	12	5.6	668	89.1	80	16		
630-0.5	630	0.5	100	3×60	7	2.2	191	25.5	110	16	640	210
630-0.63	630	0.63		3×60	7	2.8	241	32.1	110	16		
630-1.0	630	1.0		3×60	10	4.4	382	50.9	110	16		
630-1.5	630	1.5		3×60	17	6.6	573	76.4	110	16		
630-1.75	630	1.75		3×60	17	7.7	668	89.1	110	16		
800-0.5	800	0.5	100	3×60	8	2.6	191	25.5	130	16	670	240
800-0.63	800	0.63		3×60	8	3.3	241	32.1	130	16		
800-1.0	800	1.0		3×60	12	5.2	382	50.9	130	16		
800-1.5	800	1.5		3×60	20	7.8	573	76.4	130	16		
800-1.75	800	1.75		3×60	20	9.1	668	89.1	130	16		

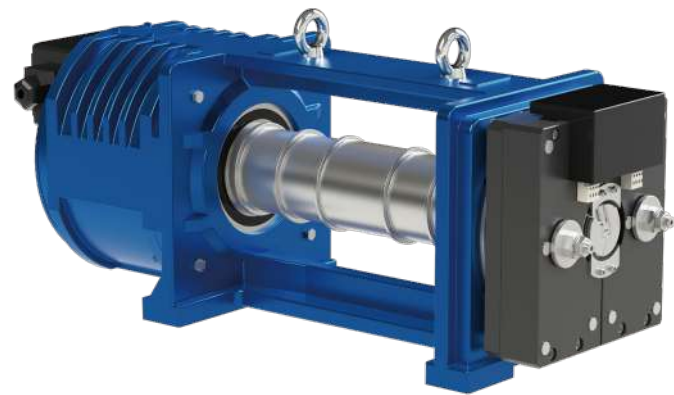
● 注 Notes:
✍ *1、本机型只用于无机房。 The machine is only used for machine roomless.
✍ *2、本机型需选用电动松闸装置。 The machine is equipped with electrical brake release device.

MGD100 K4

MONADRIVE®

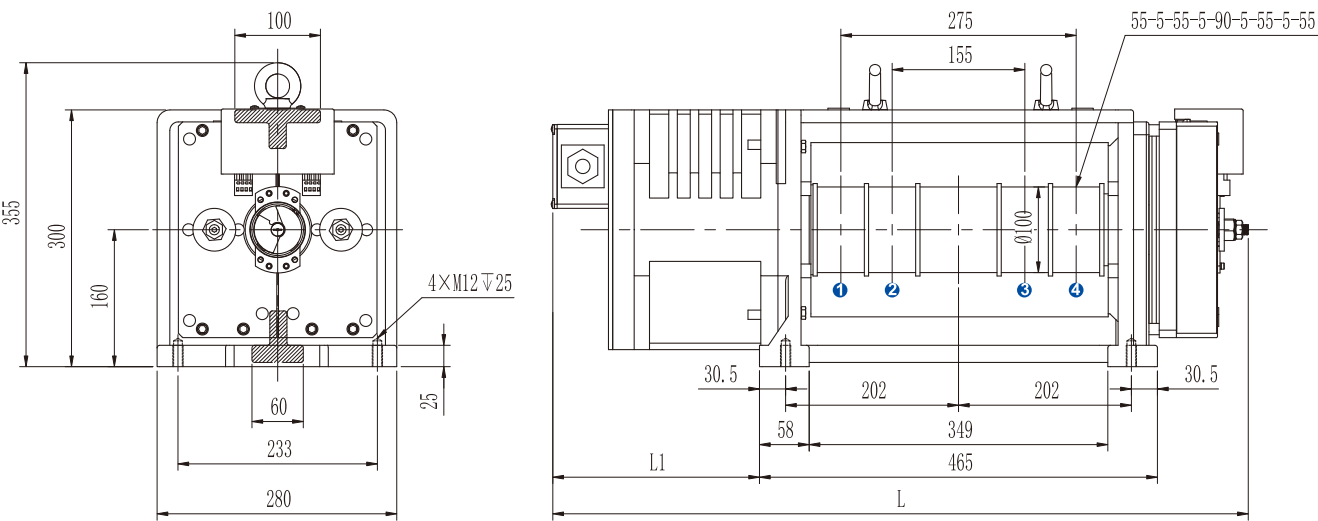
永磁同步无齿轮钢带曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS BELT TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(800~1150)kg
● 额定梯速	Elv. Speed	(0.5~2.0)m/s
● 钢带轮直径	Sheave Diam.	Φ100mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	170kg
☉ 制动器型号 Brake Type EMM400F 电压U / 电流I DC110V / 2×1.1A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MGD100K										
规格	额定载重	额定梯速	钢带轮直径	钢带槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1
Spec.	Load	Elv. Speed	Sheave Diam.	Groove	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
800-0.5	800	0.5	100	4×55	8	2.6	191	25.5	130	16	810	240
800-0.63	800	0.63		4×55	8	3.3	241	32.1	130	16		
800-1.0	800	1.0		4×55	12	5.2	382	50.9	130	16		
800-1.5	800	1.5		4×55	20	7.8	573	76.4	130	16		
800-1.75	800	1.75		4×55	20	9.1	668	89.1	130	16		
1000-0.5	1000	0.5	100	4×55	10	3.2	191	25.5	160	16	810	240
1000-0.63	1000	0.63		4×55	10	4.0	241	32.1	160	16		
1000-1.0	1000	1.0		4×55	16	6.4	382	50.9	160	16		
1000-1.5	1000	1.5		4×55	26	9.6	573	76.4	160	16		
1000-1.75	1000	1.75		4×55	26	11.2	668	89.1	160	16		
1000-2.0	1000	2.0		4×55	27	12.8	764	50.9	160	16		
1150-0.5	1150	0.5	100	4×55	12	3.6	191	25.5	180	16	870	300
1150-0.63	1150	0.63		4×55	12	4.5	241	20.1	180	16		
1150-1.0	1150	1.0		4×55	17	7.2	382	50.9	180	16		
1150-1.5	1150	1.5		4×55	28	10.8	573	76.4	180	16		
1150-1.75	1150	1.75		4×55	28	12.6	668	89.1	180	16		
1150-2.0	1150	2.0		4×55	31	14.4	764	50.9	180	16		

注 Notes:

- *1、本机型只用于无机房。 The machine is only used for machine roomless.
- *2、本机型需选用电动松闸装置。 The machine is equipped with electrical brake release device.

MGD100 K6

MONADRIVE®

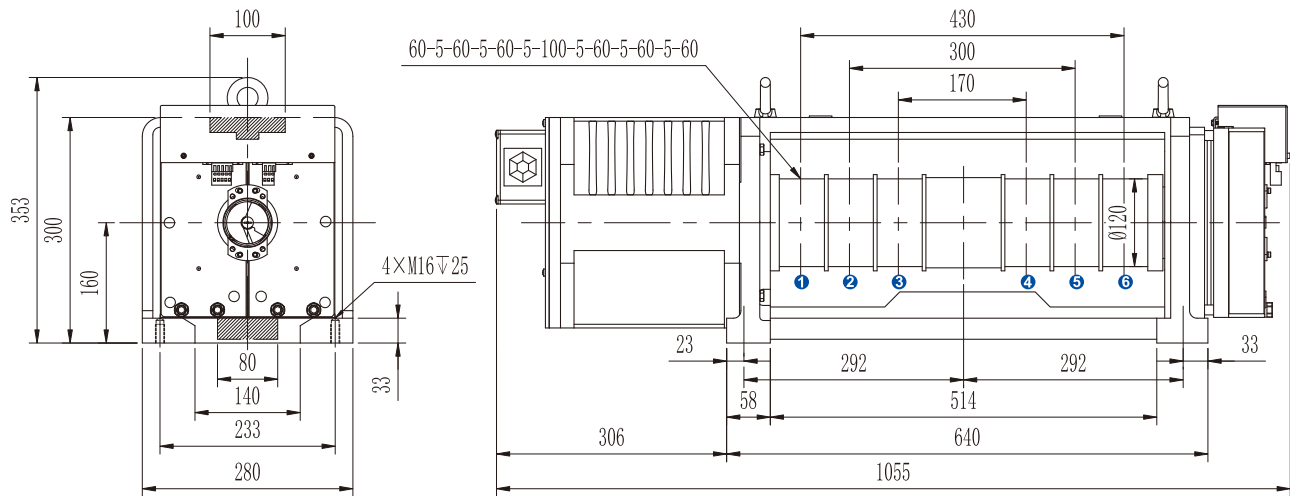
永磁同步无齿轮钢带曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS BELT TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(1250~1350)kg
● 额定梯速	Elv. Speed	(1.0~2.0)m/s
● 钢带轮直径	Sheave Diam.	Φ120mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	3200kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	235kg
⦿ 制动器型号 Brake Type EMM400F 电压U / 电流I DC110V / 2×1.4A		

安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MGD100K								
规格	额定载重	额定梯速	钢带轮直径	钢带槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数
Spec.	Load	Elv. Speed	Sheave Diam.	Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
1250-1.0	1250	1.0	120	6×60	18	7.8	318	42.4	235	16
1250-1.5	1250	1.5		6×60	29	11.7	477	63.6	235	16
1250-1.75	1250	1.75		6×60	29	13.7	557	74.3	235	16
1250-2.0	1250	2.0		6×60	33	16.0	637	84.9	235	16
1350-1.0	1350	1.0	120	6×60	19	8.5	318	42.4	250	16
1350-1.5	1350	1.5		6×60	32	12.7	477	63.6	250	16
1350-1.75	1350	1.75		6×60	32	14.8	557	74.3	250	16
1350-2.0	1350	2.0		6×60	35	16.9	637	84.9	250	16

- 注 Notes:
- ✎ *1、本机型只用于无机房。The machine is only used for machine roomless.
- ✎ *2、本机型需选用电动松闸装置。The machine is equipped with electrical brake release device.

MGD120

MONADRIVE®

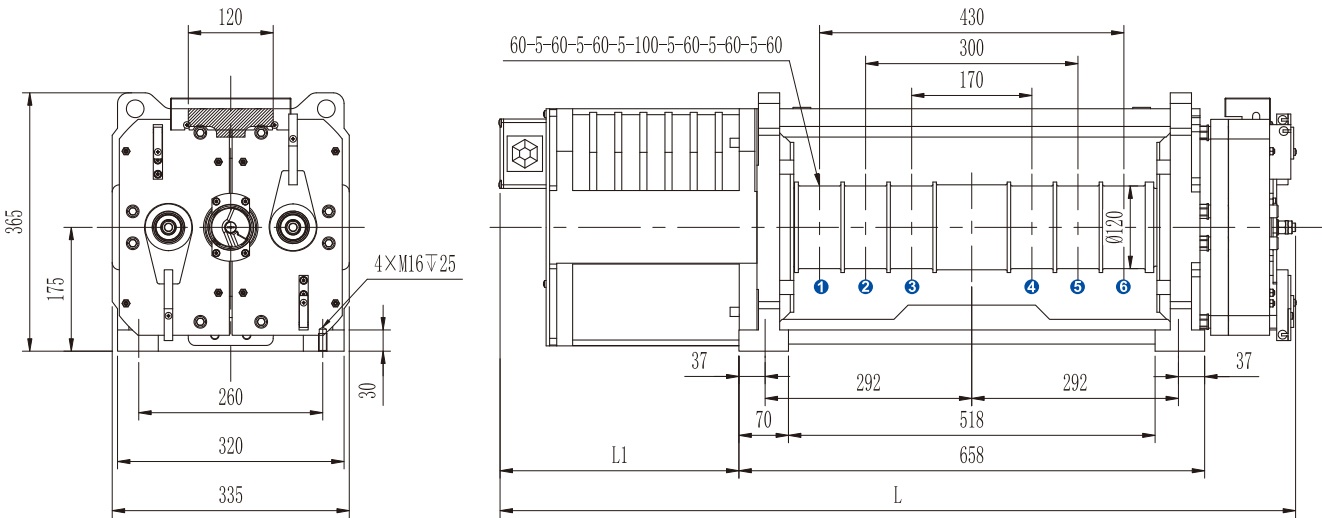
永磁同步无齿轮钢带曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS BELT TRACTION MACHINE



● 电源电压	Voltage	380V
● 曳 引 比	Roping	2:1
● 额定载重	Load	(1350~2500)kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 钢带轮直径	Sheave Diam.	Φ120mm
● 防护等级	Shell Protection Grade	IP41
● 绝缘等级	Ins. Grade	F
● 最大轴静载	Max. Axle Load	5000kg
● 工 作 制	Duty	S5-40%
● 自 重	Weight	285kg
⊙ 制动器型号 Brake Type EMM400F 电压U / 电流I DC110V / 2×1.4A		

安装尺寸图 DIMENSIONS

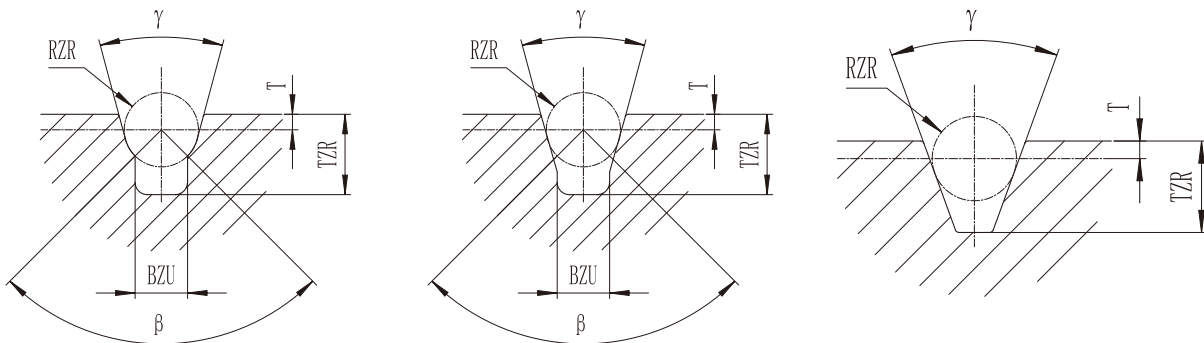


规格表 SPEC.SHEET

型号	Type	MGD120										
规格	额定载重	额定梯速	钢带轮直径	钢带槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1
Spec.	Load	Elv. Speed	Sheave Diam.	Groove	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
1350-1.0	1350	1.0	120	6×60	18	8.7	318	63.6	260	24	1085	300
1350-1.5	1350	1.5		6×60	27	13.0	477	95.4	260	24		
1350-1.75	1350	1.75		6×60	31	15.2	557	55.7	260	12		
1350-2.0	1350	2.0		6×60	36	17.3	637	63.7	260	12		
1350-2.5	1350	2.5		6×60	46	21.7	796	79.6	260	12		
1600-1.0	1600	1.0	120	6×60	22	10.3	318	63.6	310	24	1085	300
1600-1.5	1600	1.5		6×60	32	15.5	477	95.4	310	24		
1600-1.75	1600	1.75		6×60	37	18.1	557	55.7	310	12		
1600-2.0	1600	2.0		6×60	43	20.7	637	63.7	310	12		
1600-2.5	1600	2.5		6×60	55	25.8	796	79.6	310	12		
2000-1.0	2000	1.0	120	6×60	31	13.0	318	63.6	390	24	1125	340
2000-1.5	2000	1.5		6×60	43	19.5	477	95.4	390	24		
2000-1.75	2000	1.75		6×60	48	22.7	557	55.7	390	12		
2000-2.0	2000	2.0		6×60	55	26.0	637	63.7	390	12		
2000-2.5	2000	2.5		6×60	70	32.5	796	79.6	390	12		
2500-1.0	2500	1.0	120	6×60	39	16.3	318	63.6	490	24	1125	340
2500-1.5	2500	1.5		6×60	56	24.5	477	95.4	490	24		
2500-1.75	2500	1.75		6×60	61	28.6	557	55.7	490	12		
2500-2.0	2500	2.0		6×60	68	32.7	637	63.7	490	12		
2500-2.5	2500	2.5		6×60	83	40.8	796	79.6	490	12		

● 注 Notes:
✍ *1、本机型只用于无机房。The machine is only used for machine roomless.

 曳引轮绳槽 SHEAVE GROOVE



带切口的U型槽
U-shape undercut groove

带切口的V型槽
V-shape undercut groove

V型槽
V-shape groove

- 可根据客户需求非标切口角度。 The groove shape can be customized.
- V型槽需要硬化。 V-shape groove needs to be hardened.

 制动器 BRAKE



EMK块式制动器(MCK/MCB/MGK)
EMK block brake for MCK/MCB/MGK



EMM盘式制动器(MONA/MGD)
EMM disk brake for MONA/MGD



EMD蝶式制动器(MDD)
EMD caliper brake for MDD

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