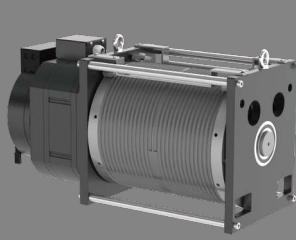
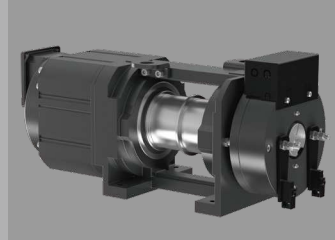
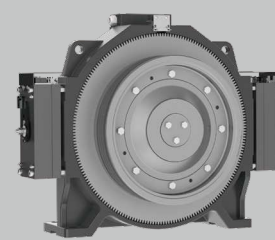


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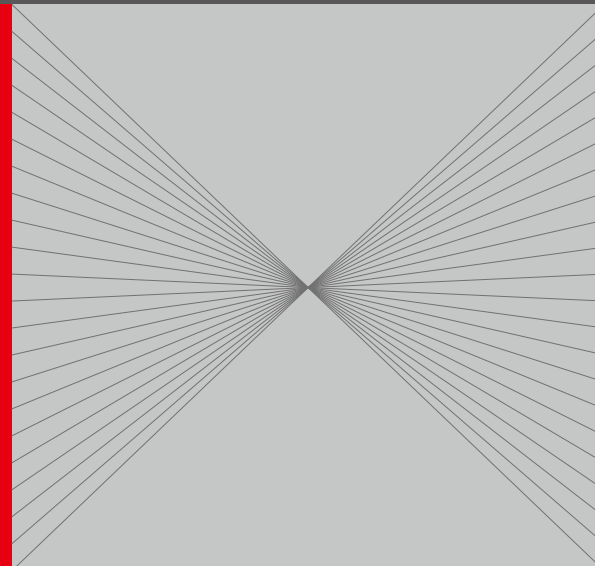
TRACTION MACHINE

MONA DRIVE

MONA INTELLIGENCE · DRIVE THE FUTURE



LIFT TRACTION MACHINE SYSTEM SOLUTION PROVIDER



MONADRIIVE[®]

SUZHOU MONA DRIVE EQUIPMENT CO.,LTD.

Address: No.66, Changfengdang Rd., Lili Town, Wujiang District, Suzhou, China.

Email: zhangap@monadriive.cn

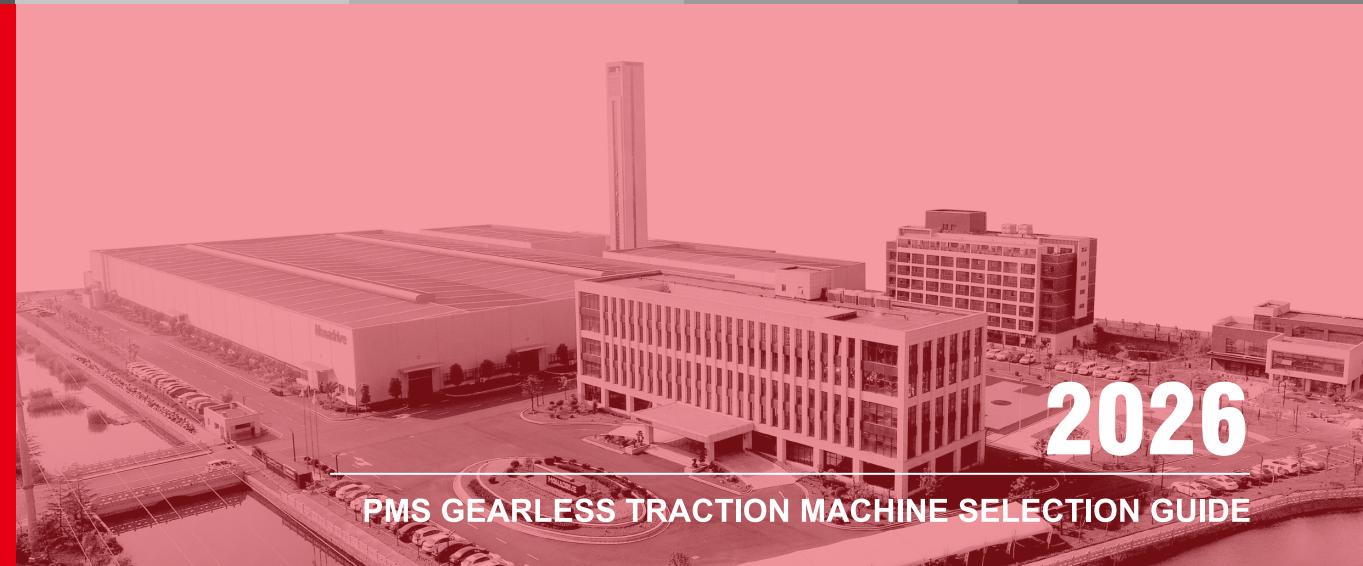
dongshi@monadriive.cn

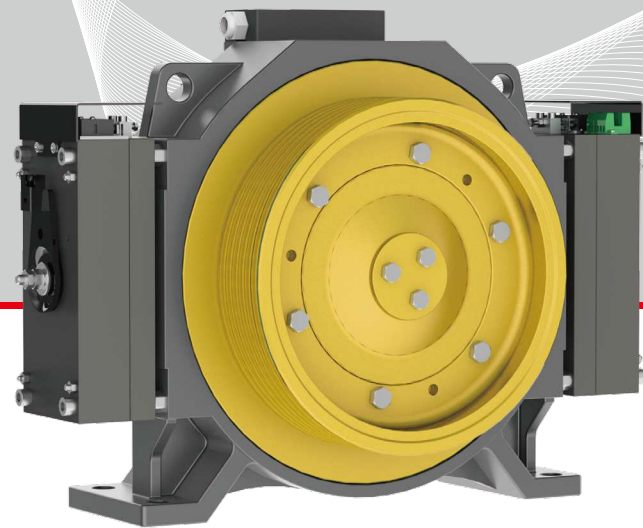
Tel : (+86) 512 63080025

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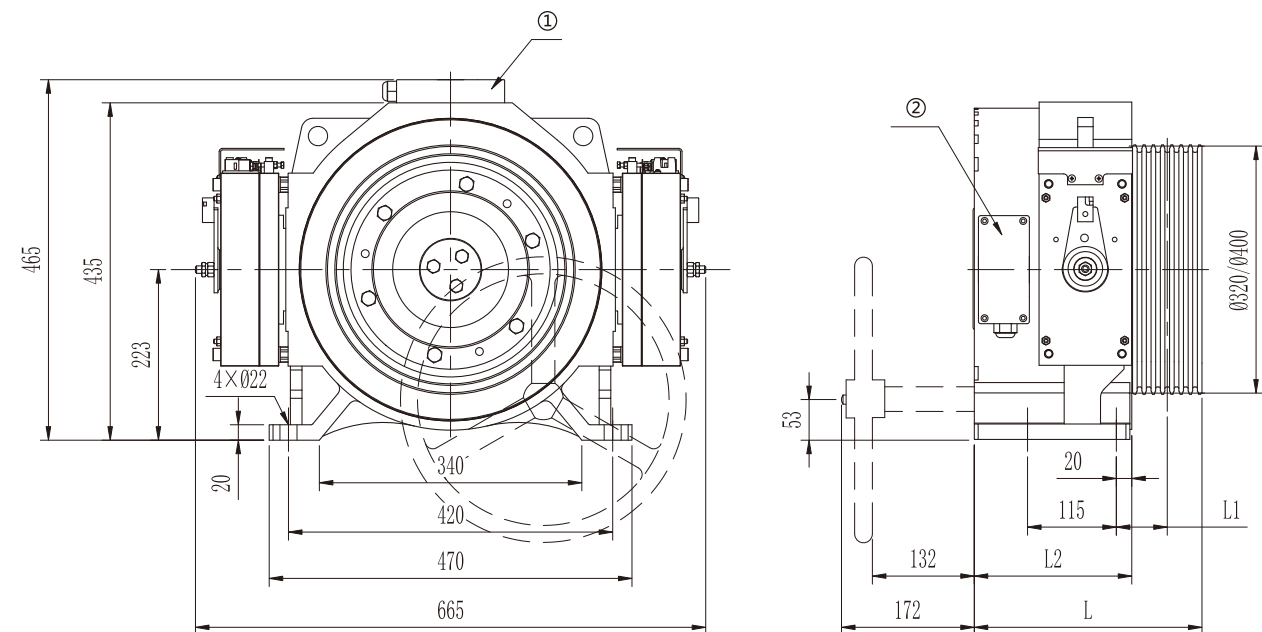


MCK100^e

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	1:1 / 2:1
• Rated Load	(320~1000)kg	• Elv. Speed	(1.0~1.6)m/s
• Sheave Dia.	(Φ320/Φ400)mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	3000kg	• Weight(Max.)	220kg
⊙ Brake Type	EMK7K	Voltage / Current	DC110V / 2×1.3A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS

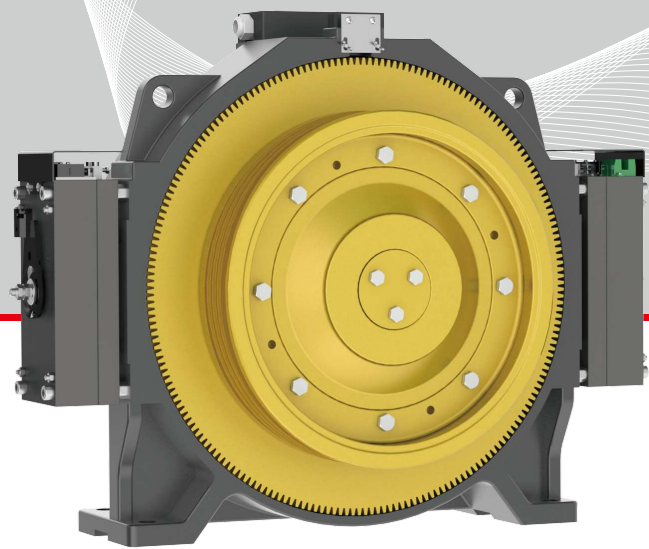


- Notes:
- ① Terminal box position when L2=163mm.
- ② Terminal box position when L2=204mm.

SPEC.SHEET

Type	MCK100												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 1:1													
450-1.0A	450	1.0	320	6×Φ8×12	10	2.9	60	12	460	24	245	61	163
450-1.6A	450	1.6		6×Φ8×12	14	4.6	95	19	460	24			
400-1.0A	400	1.0	400	5×Φ10×15	9	2.6	48	9.6	510	24	295	66	204
400-1.6A	400	1.6		5×Φ10×15	13	4.1	76	15.2	510	24			
Traction Ratio 2:1													
320-1.0	320	1.0	320	3×Φ8×12	5	2.2	119	23.8	180	24	225	52	163
320-1.6	320	1.6		3×Φ8×12	8	3.6	191	38.2	180	24			
450-1.0B	450	1.0	320	4×Φ8×12	7	2.7	119	23.8	220	24	225	52	163
450-1.6B	450	1.6		4×Φ8×12	11	4.4	191	38.2	220	24			
630-1.0A	630	1.0	320	5×Φ8×12	10	3.9	119	23.8	310	24	235	57	163
630-1.6A	630	1.6		5×Φ8×12	16	6.2	191	38.2	310	24			
800-1.0A	800	1.0	320	6×Φ8×12	13	5.1	119	23.8	410	24	245	61	163
800-1.6A	800	1.6		6×Φ8×12	22	8.2	191	38.2	410	24			
1000-1.0	1000	1.0	320	7×Φ8×12	16	6.4	119	23.8	510	24	295	66	204
1000-1.6	1000	1.6		7×Φ8×12	26	10.2	191	38.2	510	24			
630-1.0B	630	1.0	400	4×Φ10×15	10	4.0	95	19.0	400	24	235	57	163
630-1.6B	630	1.6		4×Φ10×15	16	6.4	153	30.6	400	24			
800-1.0B	800	1.0	400	5×Φ10×15	13	5.1	95	19.0	510	24	295	66	204
800-1.6B	800	1.6		5×Φ10×15	21	8.2	153	30.6	510	24			

- Notes:
- ✎ *1、Traction machine is also suitable for MRL.
- ✎ *2、Front handwheel optional,(Traction sheave: Φ320mm).
- ✎ *3、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

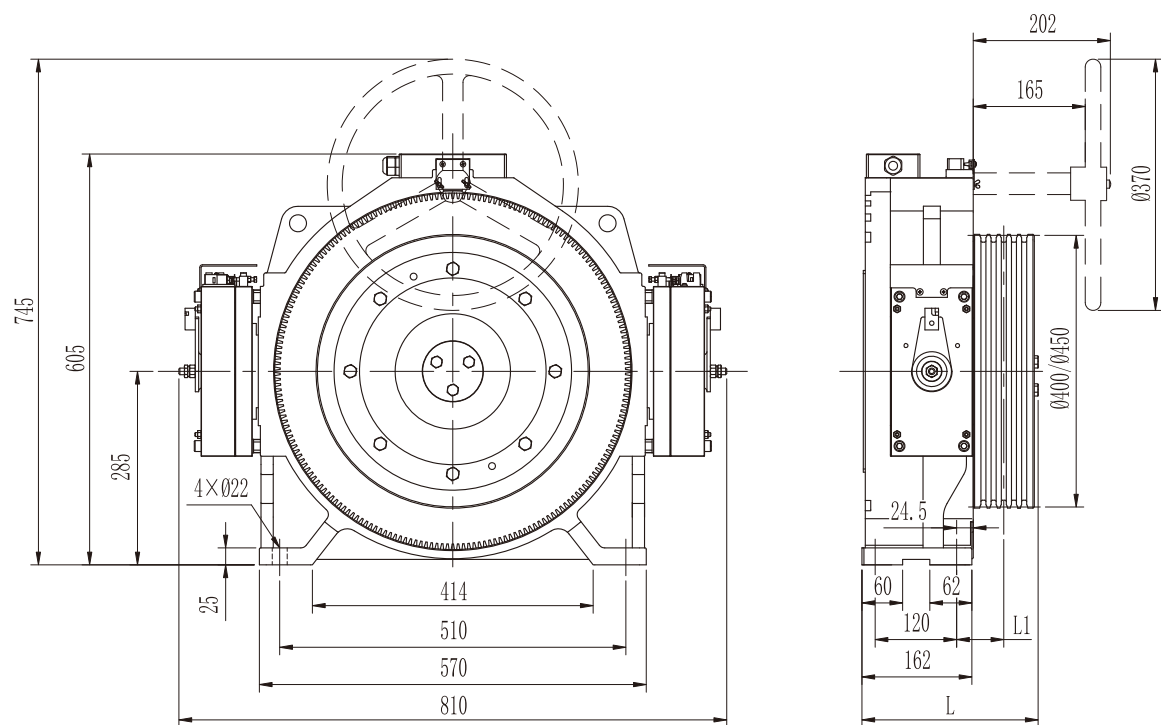


MCK200^e

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	1:1 / 2:1
• Rated Load	(630~1250)kg	• Elv. Speed	(1.0~2.5)m/s
• Sheave Dia.	(Φ400/Φ450)mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	3500kg	• Weight(Max.)	290kg
⊙ Brake Type	EMK9K	Voltage / Current	DC110V / 2×1.3A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS



SPEC.SHEET

Type	MCK200											
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 1:1												
400-1.0	400	1.0	400	5×Φ10×15	8	2.6	48	12.8	520	32	260	69.5
400-1.6	400	1.6		5×Φ10×15	11	4.1	76	20.3	520	32		
450-1.0	450	1.0	400	5×Φ10×15	9	3.0	48	12.8	590	32	260	69.5
450-1.6	450	1.6		5×Φ10×15	12	4.7	76	20.3	590	32		
500-1.0	500	1.0	400	5×Φ10×15	10	3.3	48	12.8	650	32	260	69.5
500-1.6	500	1.6		5×Φ10×15	14	5.2	76	20.3	650	32		
550-1.0	550	1.0	400	6×Φ10×15	11	3.5	48	12.8	700	32	272	75.5
550-1.6	550	1.6		6×Φ10×15	15	5.6	76	20.3	700	32		
630-1.0	630	1.0	400	6×Φ10×15	13	4.0	48	12.8	800	32	272	75.5
630-1.6	630	1.6		6×Φ10×15	17	6.4	76	20.3	800	32		
Traction Ratio 2:1												
630-1.0	630	1.0	400	4×Φ10×15	10	4.2	95	25.3	420	32	260	69.5
630-1.6	630	1.6		4×Φ10×15	16	6.7	153	40.8	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
800-1.6	800	1.6		5×Φ10×15	20	8.3	153	40.8	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		
1000-1.0A	1000	1.0	400	5×Φ10×15	15	6.5	95	25.3	650	32	260	69.5
1000-1.6A	1000	1.6		5×Φ10×15	26	10.4	153	40.8	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		
1150-1.0A	1150	1.0	400	5×Φ10×15	17	7.5	95	25.3	750	32	260	69.5
1150-1.6A	1150	1.6		6×Φ10×15	29	12.0	153	40.8	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
1250-1.6	1250	1.6		6×Φ10×15	30	12.8	153	40.8	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
1000-1.6B	1000	1.6		5×Φ10×15	25	10.4	136	36.3	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		
1150-1.0B	1150	1.0	450	5×Φ10×15	18	7.1	85	22.7	800	32	260	69.5
1150-1.6B	1150	1.6		6×Φ10×15	30	11.4	136	36.3	800	32		
1150-2.0B	1150	2.0		6×Φ10×15	33	14.2	170	45.3	800	32		

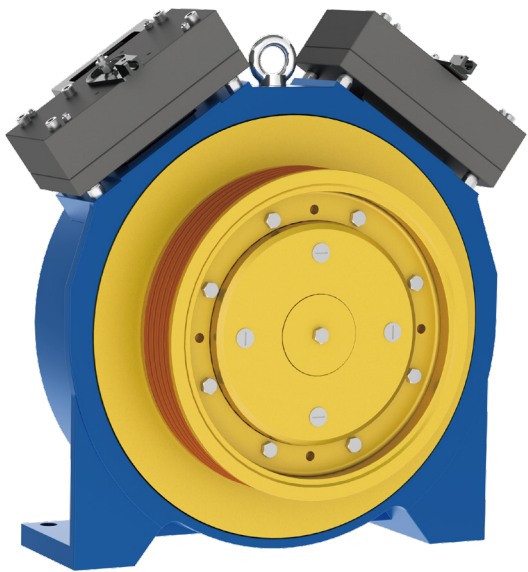
- Notes:
- ✎ *1、Traction machine is also suitable for MRL.
- ✎ *2、Rear handwheel optional.
- ✎ *3、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

后置盘车 REAR HANDWHEEL

MCK200^S

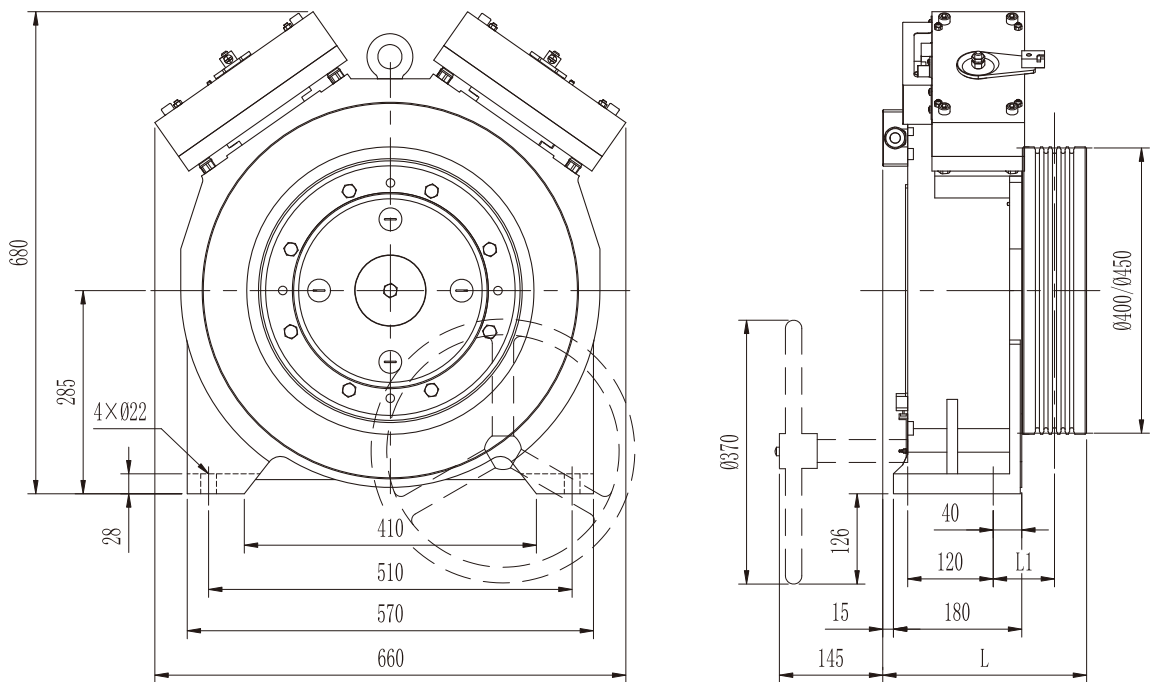
永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(630~1150)kg
● 额定梯速	Elv. Speed	(1.0~2.5)m/s
● 曳引轮节径	Sheave Pitch Dia.	(Φ400/Φ450)mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	3000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	252kg
⊙ 制动器型号 Brake Type EMK9K 电压U / 电流I DC110V / 2×1.3A		

安装尺寸图 DIMENSIONS



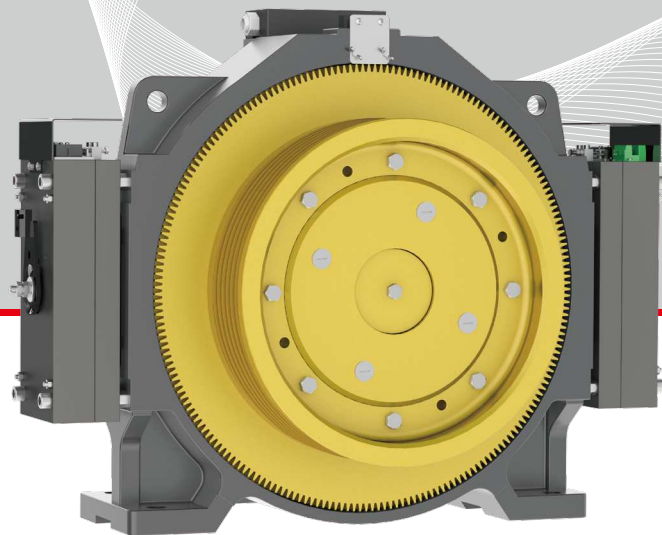
规格表 SPEC.SHEET

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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 曳引比 2:1												
630-1.0	630	1.0	400	4×Φ10×15	10	4.2	95	25.3	420	32	286	86
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	286	86
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	298	92
1000-1.0A	1000	1.0	400	5×Φ10×15	15	6.5	95	25.3	650	32	286	86
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	298	92
1150-1.0A	1150	1.0	400	5×Φ10×15	17	7.5	95	25.3	750	32	286	86
1150-1.5A	1150	1.5		6×Φ10×15	25	11.2	143	38.1	750	32		
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		
1000-1.0B	1000	1.0	450	5×Φ10×15	15	6.5	85	22.7	730	32	286	86
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	298	92
1150-1.0B	1150	1.0	450	5×Φ10×15	18	7.1	85	22.7	800	32	286	86
1150-1.5B	1150	1.5		6×Φ10×15	30	10.6	127	33.9	800	32		
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		

● 注 Notes:

✎ *1、本机型可用于无机房。Traction machine suitable for MRL.

✎ *2、绳槽切口角推荐U型，β=95°/γ=30°，可根据客户需求非标切口角度。U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

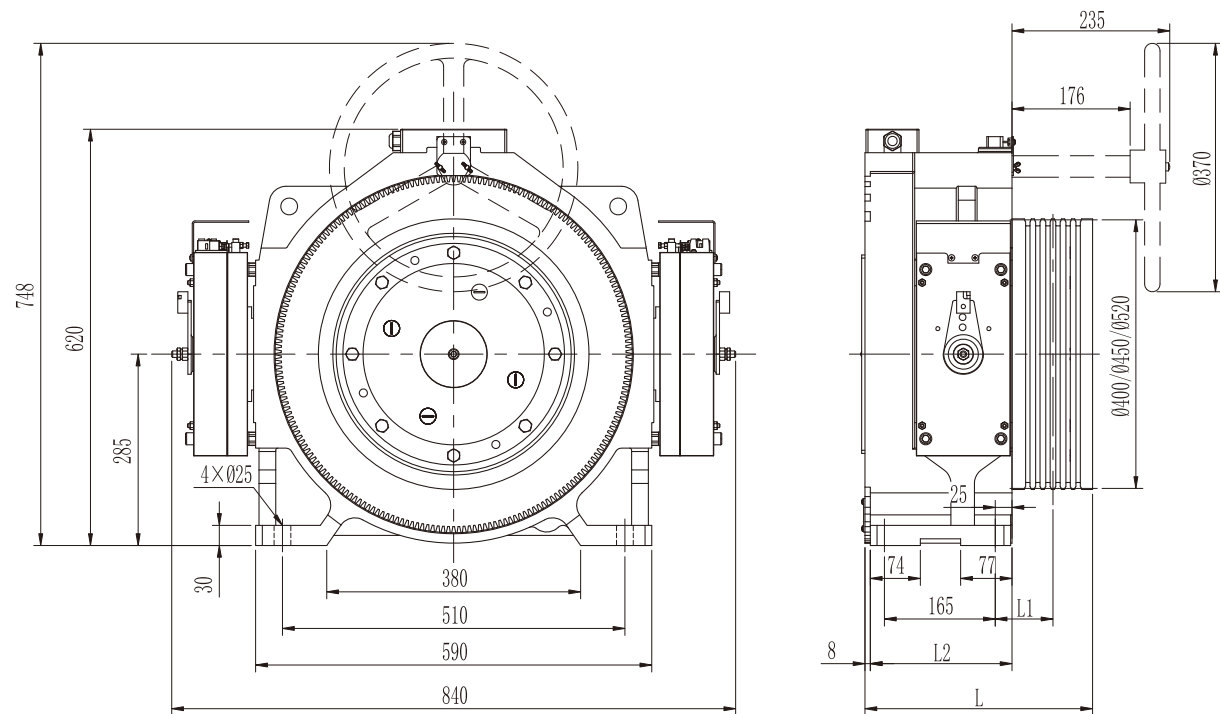


MCK300^e

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	1:1 / 2:1
• Rated Load	(1250~1600)kg	• Elv. Speed	(1.0~2.5)m/s
• Sheave Dia.	(Φ400/Φ450/Φ520)mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	6000kg	• Weight(Max.)	450kg
⊙ Brake Type	EMK12K	Voltage / Current	DC110V / 2×1.6A (Standard) DC207V / 2×1.3A (Optional)

DIMENSIONS



SPEC.SHEET



Type	MCK300												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 1:1													
630-1.0A	630	1.0	400	6×Φ10×15	13	4.0	48	12.8	800	32	345	86	211
630-1.6A	630	1.6		6×Φ10×15	17	6.4	76	20.3	800	32			
800-1.0A	800	1.0	400	7×Φ10×15	17	5.2	48	12.8	1040	32	345	86	211
800-1.6A	800	1.6		7×Φ10×15	25	9.1	84	22.4	1040	32			
630-1.0B	630	1.0	450	6×Φ10×15	14	4.0	42	11.2	900	32	345	86	211
630-1.6B	630	1.6		6×Φ10×15	19	7.0	74	19.7	900	32			
800-1.0B	800	1.0	450	7×Φ10×15	16	5.1	42	11.2	1170	32	372	91	233
800-1.6B	800	1.6		7×Φ10×15	25	8.3	68	18.1	1170	32			
800-1.0C	800	1.0	520	4×Φ13×19	18	4.9	37	9.9	1270	32	372	91	233
800-1.6C	800	1.6		4×Φ13×19	24	7.8	59	15.7	1270	32			
Traction Ratio 2:1													
1250-1.0	1250	1.0	400	6×Φ10×15	20	8.0	95	25.3	800	32	345	86	211
1250-1.6	1250	1.6		6×Φ10×15	30	12.8	153	40.8	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
1350-1.6A	1350	1.6		7×Φ10×15	35	13.8	153	40.8	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
1600-1.6A	1600	1.6		8×Φ10×15	40	16.7	153	40.8	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
1350-1.6B	1350	1.6		7×Φ10×15	35	13.8	136	36.3	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			
1600-1.0B	1600	1.0	450	7×Φ10×15	24	10.4	85	22.7	1170	32	372	91	233
1600-1.6B	1600	1.6		8×Φ10×15	40	16.7	136	36.3	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	212	56.5	1170	32			
1000-1.0A	1000	1.0	520	4×Φ13×19	17	6.3	73	19.5	830	32	372	91	233
1000-1.6A	1000	1.6		4×Φ13×19	26	10.3	118	31.5	830	32			

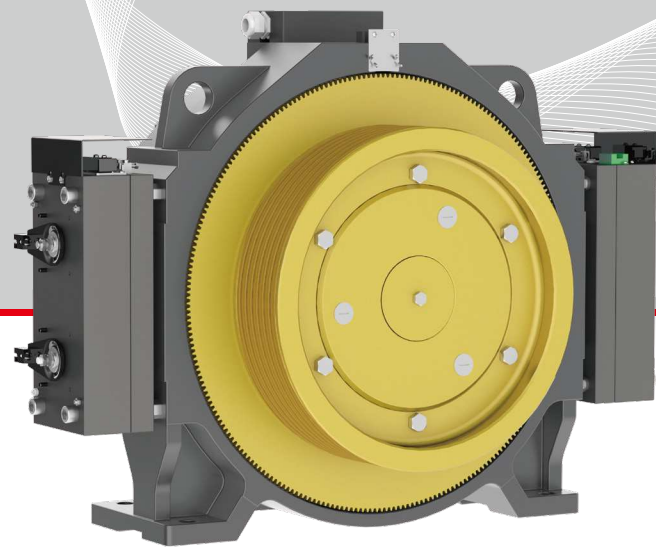
Notes:

*1、Traction machine is also suitable for MRL.

*2、Rear handwheel optional.Traction sheave 520mm, only rear handwheel available.

*3、Rated torque > 1150Nm,brake current 2×2.6A,Voltage DC110V or brake current 2×1.65A,Voltage DC207V.

*4、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

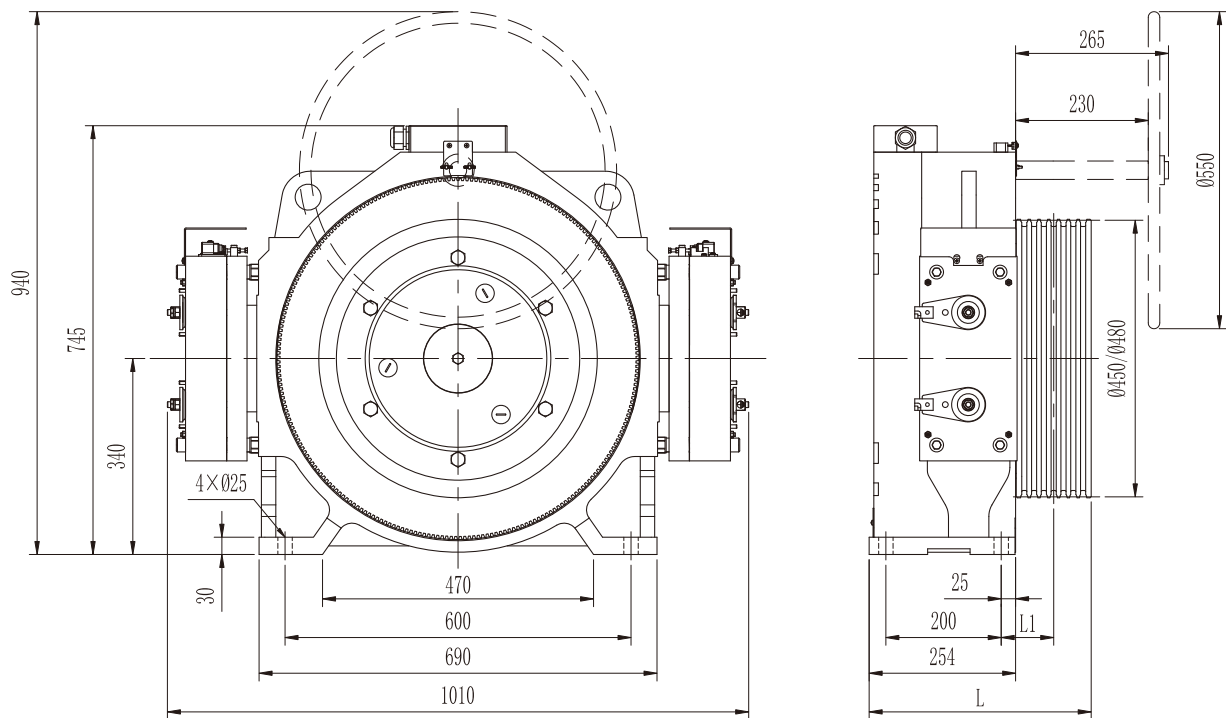


MCK450

PMS GEARLESS TRACTION MACHINE

● Voltage	380V	● Traction Ratio	1:1 / 2:1
● Rated Load	(1600~2500)kg	● Elv. Speed	(1.0~2.5)m/s
● Sheave Dia.	(Φ450/Φ480)mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	7500kg	● Weight(Max.)	530kg
⦿ Brake Type	EMK18K	Voltage / Current	DC110V / 2×2.6A (Standard) DC207V / 2×1.85A (Optional)

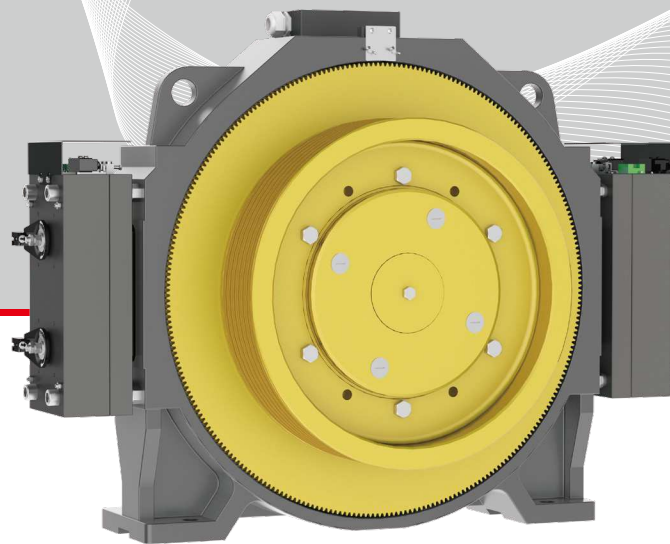
DIMENSIONS



SPEC.SHEET

Type	MCK450											
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 1:1												
800-1.0	800	1.0	450	7×Φ10×15	17	5.1	42	14.0	1170	40	385	91
800-1.6	800	1.6		7×Φ10×15	25	8.3	68	22.7	1170	40		
1000-1.0	1000	1.0	450	8×Φ10×15	21	6.4	42	14.0	1460	40	385	91
1000-1.6	1000	1.6		8×Φ10×15	28	10.4	68	22.7	1460	40		
1100-1.0	1100	1.0	450	8×Φ10×15	23	7.1	42	14.0	1610	40	385	91
1100-1.6	1100	1.6		8×Φ10×15	31	11.5	68	22.7	1610	40		
1250-1.0	1250	1.0	450	9×Φ10×15	26	8.0	42	14.0	1830	40	400	98.5
1250-1.6	1250	1.6		9×Φ10×15	35	13.0	68	22.7	1830	40		
800-1.0	800	1.0	480	6×Φ12×17	18	5.2	40	13.3	1250	40	385	91
800-1.6	800	1.6		6×Φ12×17	26	8.4	64	21.3	1250	40		
1000-1.0	1000	1.0	480	7×Φ12×17	23	6.5	40	13.3	1560	40	385	91
1000-1.6	1000	1.6		7×Φ12×17	30	10.5	64	21.3	1560	40		
1100-1.0	1100	1.0	480	7×Φ12×17	25	7.2	40	13.3	1710	40	385	91
1100-1.6	1100	1.6		7×Φ12×17	33	11.5	64	21.3	1710	40		
1250-1.0	1250	1.0	480	8×Φ12×17	28	8.2	40	13.3	1950	40	400	98.5
1250-1.6	1250	1.6		8×Φ12×17	38	13.1	64	21.3	1950	40		
Traction Ratio 2:1												
1600-1.0A	1600	1.0	450	7×Φ10×15	25	10.4	85	28.3	1170	40	385	91
1600-1.6A	1600	1.6		8×Φ10×15	42	16.7	136	45.3	1170	40		
1600-2.0A	1600	2.0		8×Φ10×15	47	20.8	170	56.7	1170	40		
1600-2.5A	1600	2.5		8×Φ10×15	57	26.0	212	70.7	1170	40		
2000-1.0A	2000	1.0	450	8×Φ10×15	30	13.0	85	28.3	1460	40	385	91
2000-1.6A	2000	1.6		9×Φ10×15	51	20.8	136	45.3	1460	40		
2000-2.0A	2000	2.0		9×Φ10×15	59	26.0	170	56.7	1460	40		
2000-2.5A	2000	2.5		9×Φ10×15	71	32.4	212	70.7	1460	40		
2500-1.0A	2500	1.0	450	9×Φ10×15	38	16.3	85	28.3	1830	40	400	98.5
2500-1.6A	2500	1.6		9×Φ10×15	66	26.1	136	45.3	1830	40		
2500-2.0A	2500	2.0		9×Φ10×15	71	32.6	170	56.7	1830	40		
2500-2.5A	2500	2.5		9×Φ10×15	83	40.6	212	70.7	1830	40		
1600-1.0B	1600	1.0	480	6×Φ12×17	25	10.5	80	26.7	1250	40	385	91
1600-1.6B	1600	1.6		6×Φ12×17	42	16.6	127	42.3	1250	40		
1600-2.0B	1600	2.0		6×Φ12×17	47	20.8	159	53.0	1250	40		
1600-2.5B	1600	2.5		6×Φ12×17	57	26.0	199	66.3	1250	40		
2000-1.0B	2000	1.0	480	7×Φ12×17	30	13.1	80	26.7	1560	40	385	91
2000-1.6B	2000	1.6		7×Φ12×17	51	20.7	127	42.3	1560	40		
2000-2.0B	2000	2.0		7×Φ12×17	59	26.0	159	53.0	1560	40		
2000-2.5B	2000	2.5		8×Φ12×17	71	32.5	199	66.3	1560	40		
2500-1.0B	2500	1.0	480	8×Φ12×17	38	15.3	80	26.7	1950	40	400	98.5
2500-1.6B	2500	1.6		8×Φ12×17	66	24.3	127	42.3	1950	40		
2500-2.0B	2500	2.0		8×Φ12×17	71	30.5	159	53.0	1950	40		
2500-2.5B	2500	2.5		9×Φ12×17	83	38.1	199	66.3	1950	40		

- Notes:
- ✍ *1、Traction machine is also suitable for MRL.
- ✍ *2、Rear handwheel optional.
- ✍ *3、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

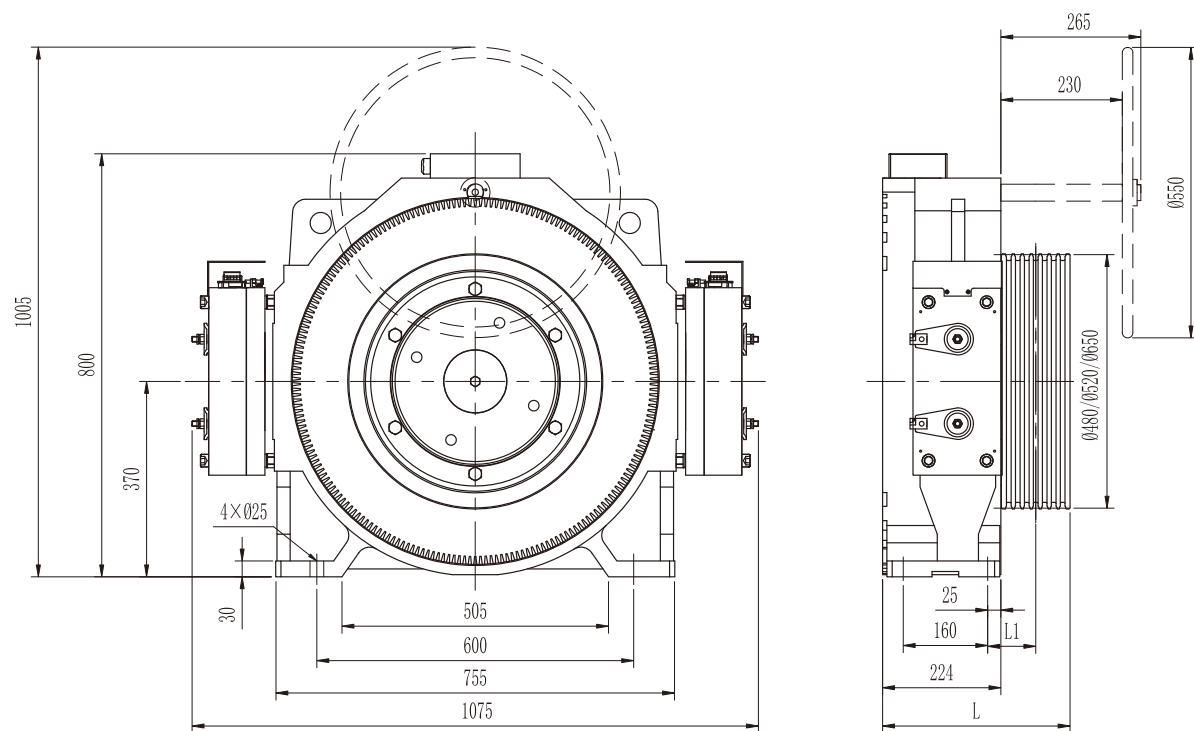


MCK500^e

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	1:1 / 2:1
• Rated Load	(1600~2500)kg	• Elv. Speed	(1.0~2.5)m/s
• Sheave Dia.	(Φ480/Φ520/Φ650)mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	10000kg	• Weight(Max.)	740kg
⊙ Brake Type	EMK18K	Voltage / Current	DC110V / 2×2.6A (Standard) DC207V / 2×1.85A (Optional)

DIMENSIONS



SPEC.SHEET



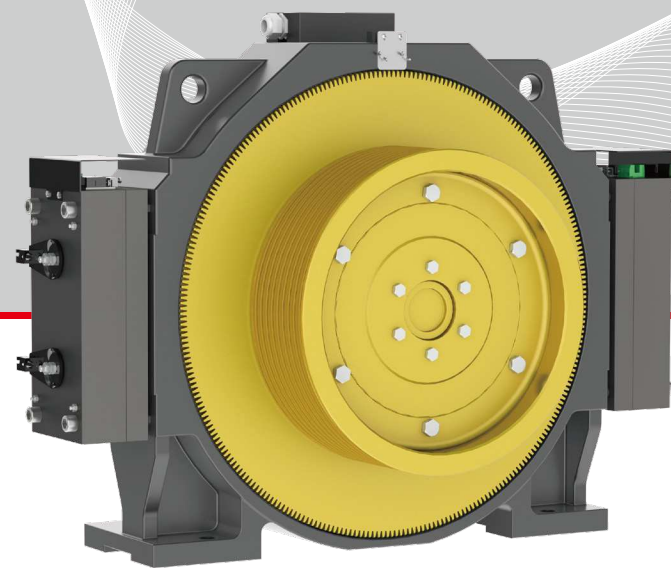
Type	MCK500											
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 1:1												
1000-1.0A	1000	1.0	480	6×Φ12×17	23	6.5	40	13.3	1560	40	355	91
1000-1.6A	1000	1.6		6×Φ12×17	30	10.5	64	21.3	1560	40		
1000-2.0A	1000	2.0		6×Φ12×17	30	13.1	80	26.7	1560	40		
1000-1.0B	1000	1.0	520	7×Φ12×17	23	6.2	37	12.3	1590	40	355	91
1000-1.6B	1000	1.6		7×Φ12×17	32	9.8	59	19.7	1590	40		
1000-2.0B	1000	2.0		7×Φ12×17	32	12.2	73	24.3	1590	40		
1100-1.0	1100	1.0	520	7×Φ12×17	27	7.2	37	12.3	1860	40	355	91
1100-1.6	1100	1.6		7×Φ12×17	33	11.5	59	19.7	1860	40		
1100-2.0	1100	2.0		7×Φ12×17	33	14.2	73	24.3	1860	40		
1250-1.0	1250	1.0	520	8×Φ12×17	29	7.7	37	12.3	1990	40	370	98.5
1250-1.6	1250	1.6		8×Φ12×17	35	12.3	59	19.7	1990	40		
1250-2.0	1250	2.0		8×Φ12×17	35	15.2	73	24.3	1990	40		
1000-1.0C	1000	1.0	650	6×Φ13×19	20	6.0	29	9.7	1990	40	355	91
1000-1.6C	1000	1.6		6×Φ13×19	31	9.8	47	15.7	1990	40		
1000-2.0C	1000	2.0		6×Φ13×19	31	12.3	59	19.7	1990	40		
Traction Ratio 2:1												
1600-1.0A	1600	1.0	480	6×Φ12×17	25	10.5	80	26.7	1250	40	355	91
1600-1.6A	1600	1.6		6×Φ12×17	42	16.6	127	42.3	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	31	13.1	80	26.7	1560	40	355	91
2000-1.6A	2000	1.6		7×Φ12×17	51	20.7	127	42.3	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		
2500-1.0A	2500	1.0	480	8×Φ12×17	38	16.3	80	26.7	1950	40	370	98.5
2500-1.6A	2500	1.6		8×Φ12×17	66	25.9	127	42.3	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		
1600-1.0B	1600	1.0	520	5×Φ13×18	24	9.7	73	24.3	1270	40	355	91
1600-1.6B	1600	1.6		5×Φ13×18	40	15.7	118	39.3	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	355	91
2000-1.6B	2000	1.6		6×Φ13×18	53	19.6	118	39.3	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		6×Φ13×18	71	30.6	184	61.3	1590	40		
2500-1.0B	2500	1.0	520	7×Φ13×18	36	15.2	73	24.3	1990	40	370	98.5
2500-1.6B	2500	1.6		7×Φ13×18	63	24.6	118	39.3	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		

• Notes:

✎ *1、Traction machine is also suitable for MRL.

✎ *2、Rear handwheel optional.

✎ *3、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

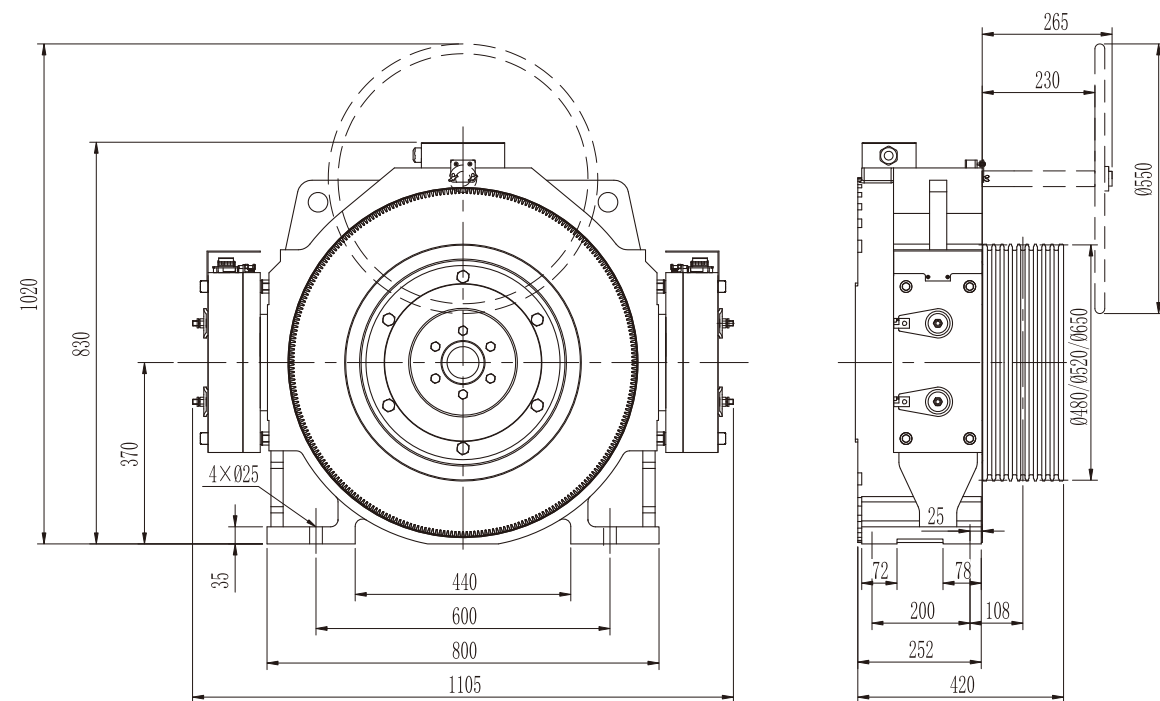


MCK500

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	1:1 / 2:1
• Rated Load	3000kg	• Elv. Speed	(1.0~2.5)m/s
• Sheave Dia.	(Φ480/Φ520/Φ650)mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	10000kg	• Weight(Max.)	890kg
⦿ Brake Type	EMK18K	Voltage / Current	DC110V / 2×3.0A (Standard) DC207V / 2×1.7A (Optional)

DIMENSIONS



SPEC.SHEET



Type	MCK500									
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 1:1										
1150-1.0	1150	1.0	650	7×Φ13×18	25	6.9	29	9.7	2280	40
1150-1.6	1150	1.6		7×Φ13×18	33	11.2	47	15.7	2280	40
1150-2.0	1150	2.0		7×Φ13×18	33	14.1	59	19.7	2280	40
1250-1.0	1250	1.0	650	7×Φ13×18	30	7.5	29	9.7	2480	40
1250-1.6	1250	1.6		7×Φ13×18	35	12.2	47	15.7	2480	40
1250-2.0	1250	2.0		7×Φ13×18	35	15.3	59	19.7	2480	40
Traction Ratio 2:1										
3000-1.0A	3000	1.0	480	8×Φ12×17	46	19.6	80	26.7	2340	40
3000-1.6A	3000	1.6		8×Φ12×17	78	31.1	127	42.3	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
3000-1.6B	3000	1.6		8×Φ13×18	75	29.4	118	39.3	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

• Notes:

⚠ *1、Traction machine is also suitable for MRL.

⚠ *2、Rear handwheel optional.

⚠ *3、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

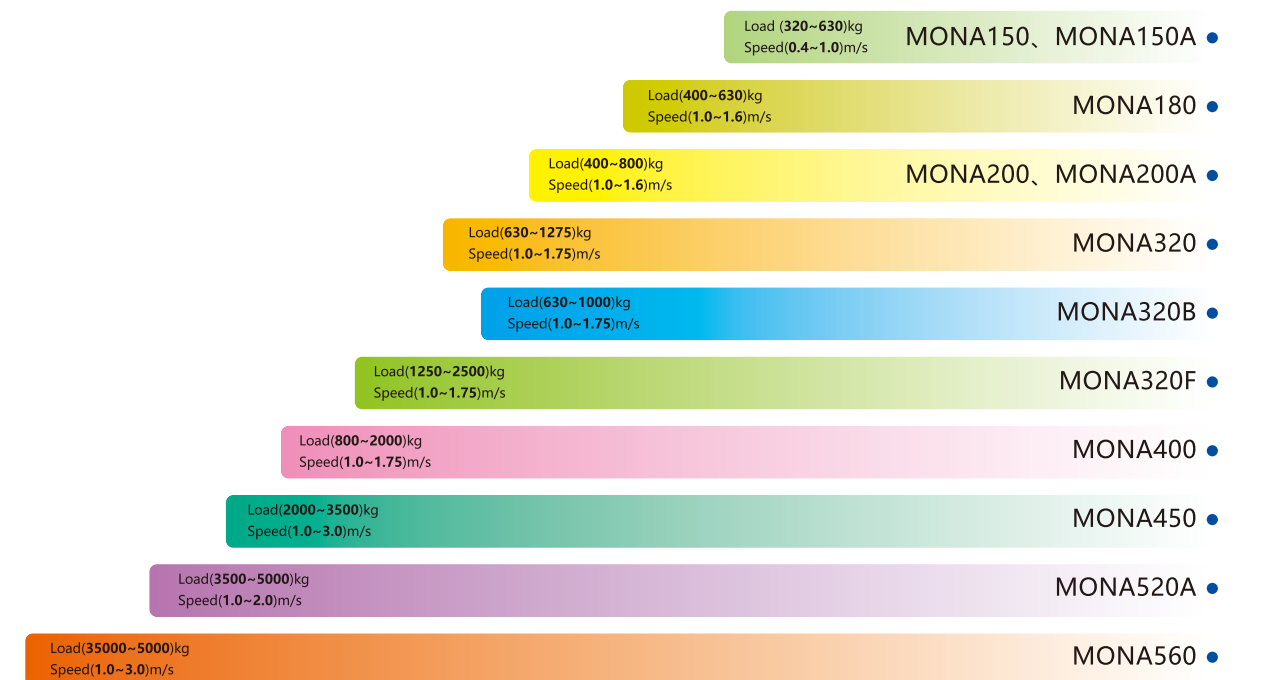
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MONA

PMS GEARLESS TRACTION MACHINE

MONADRIVE®

MONA SERIES INCLUDES



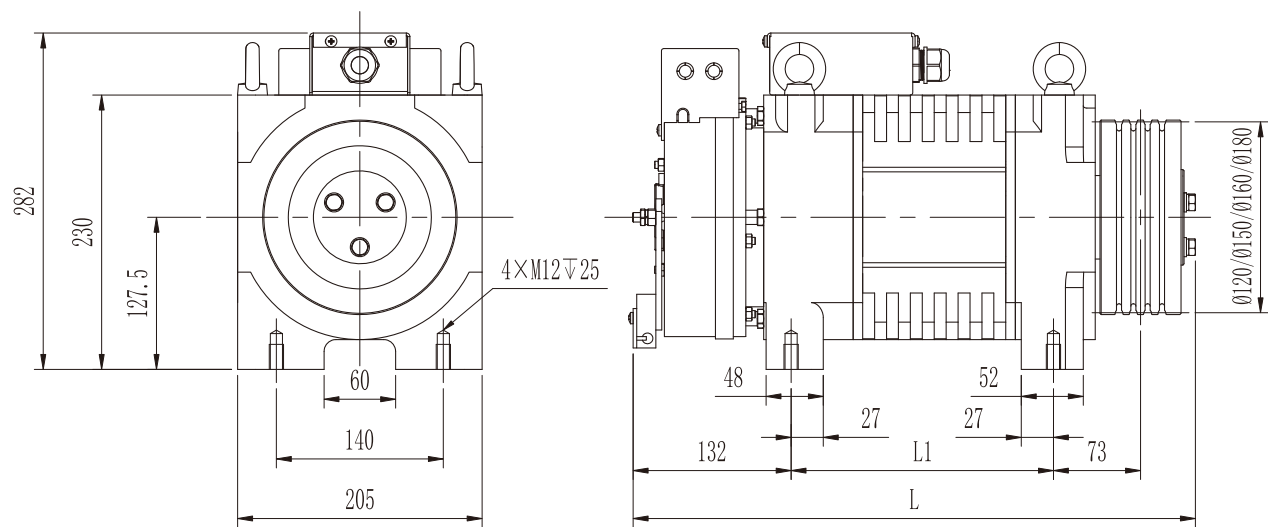


MONA150

PMS GEARLESS TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	2:1
● Rated Load	(320~630)kg	● Elv. Speed	(0.4~1.0)m/s
● Sheave Dia.	(Φ120/Φ150/Φ160)mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2500kg	● Weight(Max.)	85kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

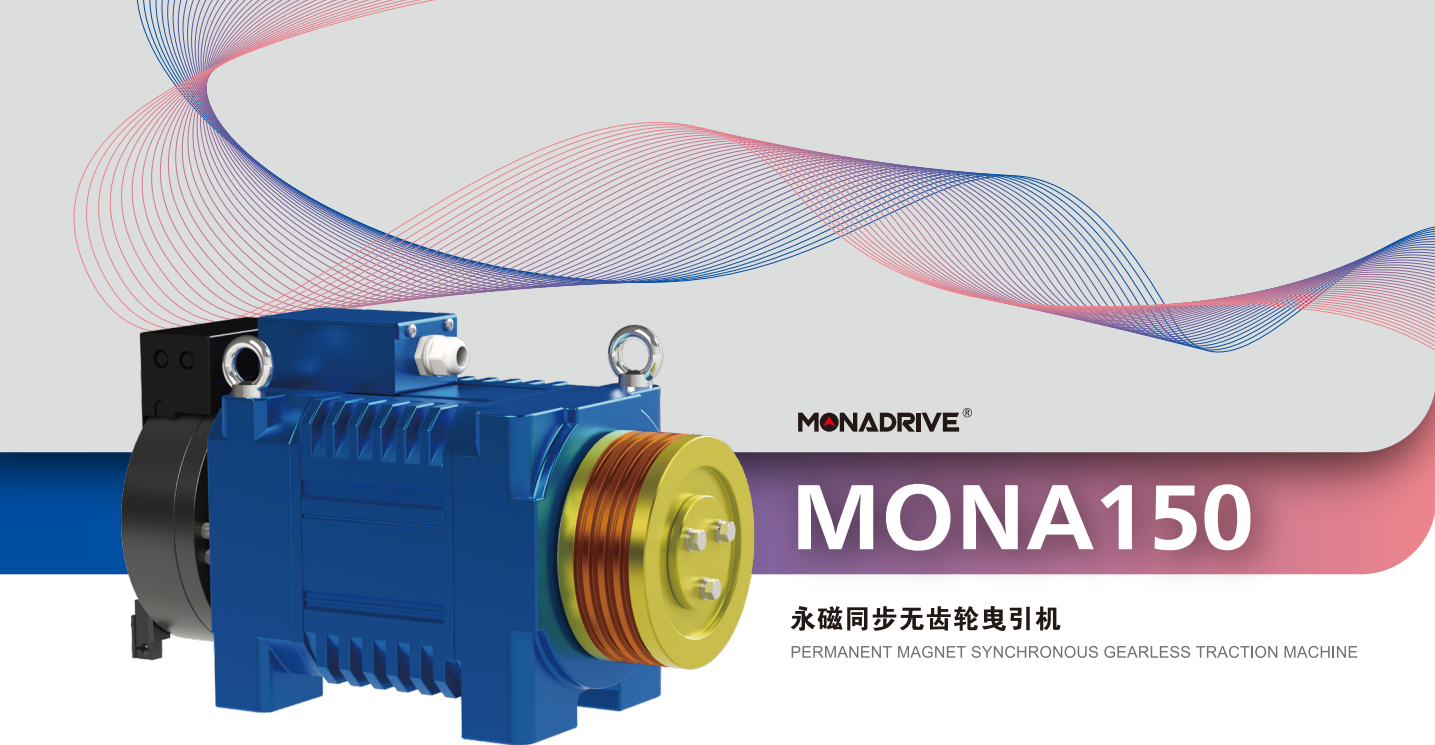
DIMENSIONS



SPEC.SHEET

Type	MONA150												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 2:1													
320-0.4A	320	0.4	120	3×Φ6.5×12	220 / 380	5	0.8	127	10.6	60	10	440	180
320-0.5A	320	0.5		3×Φ6.5×12	220 / 380	6	1.0	159	13.3	60	10		
320-0.63A	320	0.63		3×Φ6.5×12	220 / 380	6	1.3	201	16.8	60	10		
320-1.0A	320	1.0		3×Φ6.5×12	220 / 380	9 / 6	2.0	318	26.5	60	10		
400-0.4A	400	0.4	120	3×Φ6.5×12	220 / 380	6	1.1	127	10.6	80	10	440	180
400-0.5A	400	0.5		3×Φ6.5×12	220 / 380	7	1.3	159	13.3	80	10		
400-0.63A	400	0.63		3×Φ6.5×12	220 / 380	7	1.7	201	16.8	80	10		
400-1.0A	400	1.0		3×Φ6.5×12	220 / 380	11 / 7	2.7	318	26.5	80	10		
450-0.4A	450	0.4	120	3×Φ6.5×12	220 / 380	7	1.2	127	10.6	90	10	440	180
450-0.5A	450	0.5		3×Φ6.5×12	220 / 380	8	1.5	159	13.3	90	10		
450-0.63A	450	0.63		3×Φ6.5×12	220 / 380	8	1.9	201	16.8	90	10		
450-1.0A	450	1.0		3×Φ6.5×12	220 / 380	12 / 8	3.0	318	26.5	90	10		
630-0.4A	630	0.4	120	4×Φ6.5×12	220 / 380	9	1.6	127	10.6	120	10	480	220
630-0.5A	630	0.5		4×Φ6.5×12	220 / 380	12 / 9	2.0	159	13.3	120	10		
630-0.63A	630	0.63		4×Φ6.5×12	220 / 380	12 / 9	2.5	201	16.8	120	10		
630-1.0A	630	1.0		4×Φ6.5×12	220 / 380	18 / 12	4.0	318	26.5	120	10		
320-0.4B	320	0.4	150	4×Φ6.5×12	220 / 380	5	0.9	102	8.5	80	10	440	180
320-0.5B	320	0.5		4×Φ6.5×12	220 / 380	6	1.1	127	10.6	80	10		
320-0.63B	320	0.63		4×Φ6.5×12	220 / 380	6	1.3	160	13.3	80	10		
320-1.0B	320	1.0		4×Φ6.5×12	220 / 380	9 / 6	2.1	255	21.3	80	10		
400-0.4B	400	0.4	150	5×Φ6.5×12	220 / 380	6	1.1	102	8.5	100	10	440	180
400-0.5B	400	0.5		5×Φ6.5×12	220 / 380	7	1.3	127	10.6	100	10		
400-0.63B	400	0.63		5×Φ6.5×12	220 / 380	8	1.7	160	13.3	100	10		
400-1.0B	400	1.0		5×Φ6.5×12	220 / 380	11 / 8	2.7	255	21.3	100	10		
450-0.4B	450	0.4	150	5×Φ6.5×12	220 / 380	7	1.2	102	8.5	110	10	460	200
450-0.5B	450	0.5		5×Φ6.5×12	220 / 380	12 / 7	1.5	127	10.6	110	10		
450-0.63B	450	0.63		5×Φ6.5×12	220 / 380	12 / 8	1.8	160	13.3	110	10		
450-1.0B	450	1.0		5×Φ6.5×12	220 / 380	12 / 8	2.9	255	21.3	110	10		
320-0.4C	320	0.4	160	4×Φ6.5×12	220 / 380	5	0.8	95	7.9	80	10	440	180
320-0.5C	320	0.5		4×Φ6.5×12	220 / 380	6	1.0	119	9.9	80	10		
320-0.63C	320	0.63		4×Φ6.5×12	220 / 380	6	1.3	150	12.5	80	10		
320-1.0C	320	1.0		4×Φ6.5×12	220 / 380	9 / 6	2.0	239	19.9	80	10		
400-0.4C	400	0.4	160	5×Φ6.5×12	220 / 380	6	1.0	95	7.9	100	10	440	180
400-0.5C	400	0.5		5×Φ6.5×12	220 / 380	7	1.2	119	9.9	100	10		
400-0.63C	400	0.63		5×Φ6.5×12	220 / 380	8	1.6	150	12.5	100	10		
400-1.0C	400	1.0		5×Φ6.5×12	220 / 380	11 / 8	2.5	239	19.9	100	10		
450-0.4C	450	0.4	160	5×Φ6.5×12	220 / 380	7	1.1	95	7.9	110	10	460	200
450-0.5C	450	0.5		5×Φ6.5×12	220 / 380	12 / 7	1.4	119	9.9	110	10		
450-0.63C	450	0.63		5×Φ6.5×12	220 / 380	12 / 8	1.7	150	12.5	110	10		
450-1.0C	450	1.0		5×Φ6.5×12	220 / 380	12 / 8	2.8	239	19.9	110	10		

● Notes:
✎ *1、 For MRL only.
✎ *2、 The sheave pitch diameter is Φ120 mm,the groove type is semicircular groove.
✎ *3、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA150

永磁同步无齿轮曳引机

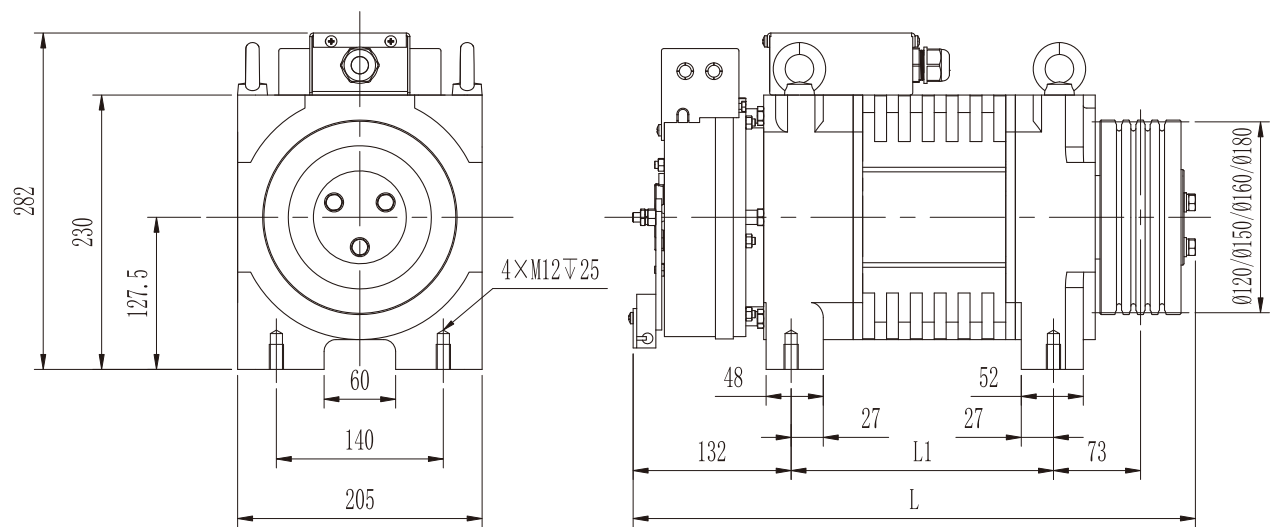
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~630)kg
曳引轮节径	Sheave Pitch Dia.	(Φ120/Φ150/Φ160/Φ180)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.4~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	85kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 1.6A	
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安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA150											
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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 曳引比 2:1													
320-0.4A	320	0.4	120	3×Φ6.5×12	220 / 380	5	0.8	127	10.6	60	10	440	180
320-0.5A	320	0.5		3×Φ6.5×12	220 / 380	6	1.0	159	13.3	60	10		
320-0.63A	320	0.63		3×Φ6.5×12	220 / 380	6	1.3	201	16.8	60	10		
320-1.0A	320	1.0		3×Φ6.5×12	220 / 380	9 / 6	2.0	318	26.5	60	10		
400-0.4A	400	0.4	120	3×Φ6.5×12	220 / 380	6	1.1	127	10.6	80	10	440	180
400-0.5A	400	0.5		3×Φ6.5×12	220 / 380	7	1.3	159	13.3	80	10		
400-0.63A	400	0.63		3×Φ6.5×12	220 / 380	7	1.7	201	16.8	80	10		
400-1.0A	400	1.0		3×Φ6.5×12	220 / 380	11 / 7	2.7	318	26.5	80	10		
450-0.4A	450	0.4	120	3×Φ6.5×12	220 / 380	7	1.2	127	10.6	90	10	440	180
450-0.5A	450	0.5		3×Φ6.5×12	220 / 380	8	1.5	159	13.3	90	10		
450-0.63A	450	0.63		3×Φ6.5×12	220 / 380	8	1.9	201	16.8	90	10		
450-1.0A	450	1.0		3×Φ6.5×12	220 / 380	12 / 8	3.0	318	26.5	90	10		
630-0.4A	630	0.4	120	4×Φ6.5×12	220 / 380	9	1.6	127	10.6	120	10	480	220
630-0.5A	630	0.5		4×Φ6.5×12	220 / 380	12 / 9	2.0	159	13.3	120	10		
630-0.63A	630	0.63		4×Φ6.5×12	220 / 380	12 / 9	2.5	201	16.8	120	10		
630-1.0A	630	1.0		4×Φ6.5×12	220 / 380	18 / 12	4.0	318	26.5	120	10		
320-0.4B	320	0.4	150	4×Φ6×12	220 / 380	5	0.9	102	8.5	80	10	440	180
320-0.5B	320	0.5		4×Φ6×12	220 / 380	6	1.1	127	10.6	80	10		
320-0.63B	320	0.63		4×Φ6×12	220 / 380	6	1.3	160	13.3	80	10		
320-1.0B	320	1.0		4×Φ6×12	220 / 380	9 / 6	2.1	255	21.3	80	10		
400-0.4B	400	0.4	150	5×Φ6×12	220 / 380	6	1.1	102	8.5	100	10	440	180
400-0.5B	400	0.5		5×Φ6×12	220 / 380	7	1.3	127	10.6	100	10		
400-0.63B	400	0.63		5×Φ6×12	220 / 380	8	1.7	160	13.3	100	10		
400-1.0B	400	1.0		5×Φ6×12	220 / 380	11 / 8	2.7	255	21.3	100	10		
450-0.4B	450	0.4	150	5×Φ6×12	220 / 380	7	1.2	102	8.5	110	10	460	200
450-0.5B	450	0.5		5×Φ6×12	220 / 380	12 / 7	1.5	127	10.6	110	10		
450-0.63B	450	0.63		5×Φ6×12	220 / 380	12 / 8	1.8	160	13.3	110	10		
450-1.0B	450	1.0		5×Φ6×12	220 / 380	12 / 8	2.9	255	21.3	110	10		
320-0.4C	320	0.4	160	4×Φ6×12	220 / 380	5	0.8	95	7.9	80	10	440	180
320-0.5C	320	0.5		4×Φ6×12	220 / 380	6	1.0	119	9.9	80	10		
320-0.63C	320	0.63		4×Φ6×12	220 / 380	6	1.3	150	12.5	80	10		
320-1.0C	320	1.0		4×Φ6×12	220 / 380	9 / 6	2.0	239	19.9	80	10		
400-0.4C	400	0.4	160	5×Φ6×12	220 / 380	6	1.0	95	7.9	100	10	440	180
400-0.5C	400	0.5		5×Φ6×12	220 / 380	7	1.2	119	9.9	100	10		
400-0.63C	400	0.63		5×Φ6×12	220 / 380	8	1.6	150	12.5	100	10		
400-1.0C	400	1.0		5×Φ6×12	220 / 380	11 / 8	2.5	239	19.9	100	10		
450-0.4C	450	0.4	160	5×Φ6×12	220 / 380	7	1.1	95	7.9	110	10	460	200
450-0.5C	450	0.5		5×Φ6×12	220 / 380	12 / 7	1.4	119	9.9	110	10		
450-0.63C	450	0.63		5×Φ6×12	220 / 380	12 / 8	1.7	150	12.5	110	10		
450-1.0C	450	1.0		5×Φ6×12	220 / 380	12 / 8	2.8	239	19.9	110	10		
320-0.4D	320	0.4	180	4×Φ6×12	220 / 380	6	0.8	85	7.1	90	10	440	180
320-0.5D	320	0.5		4×Φ6×12	220 / 380	6	1.0	106	8.8	90	10		
320-0.63D	320	0.63		4×Φ6×12	220 / 380	6	1.3	134	11.2	90	10		
320-1.0D	320	1.0		4×Φ6×12	220 / 380	9 / 6	2.0	212	17.7	90	10		
400-0.4D	400	0.4	180	5×Φ6×12	220 / 380	6	1.0	85	7.1	110	10	460	200
400-0.5D	400	0.5		5×Φ6×12	220 / 380	7	1.2	106	8.8	110	10		
400-0.63D	400	0.63		5×Φ6×12	220 / 380	7	1.5	134	11.2	110	10		
400-1.0D	400	1.0		5×Φ6×12	220 / 380	10 / 7	2.4	212	17.7	110	10		
450-0.4D	450	0.4	180	5×Φ6×12	220 / 380	7	1.2	85	7.1	120	10	480	220
450-0.5D	450	0.5		5×Φ6×12	220 / 380	8	1.4	106	8.8	120	10		
450-0.63D	450	0.63		5×Φ6×12	220 / 380	8	1.8	134	11.2	120	10		
450-1.0D	450	1.0		5×Φ6×12	220 / 380	12 / 8	2.9	212	17.7	120	10		

● 注 Notes:

✍ *1、本机型只用于无机房。For MRL only.

✍ *2、曳引轮节径为Φ120mm时，槽型为半圆槽。The sheave pitch diameter is Φ120 mm,the groove type is semicircular groove.

✍ *3、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

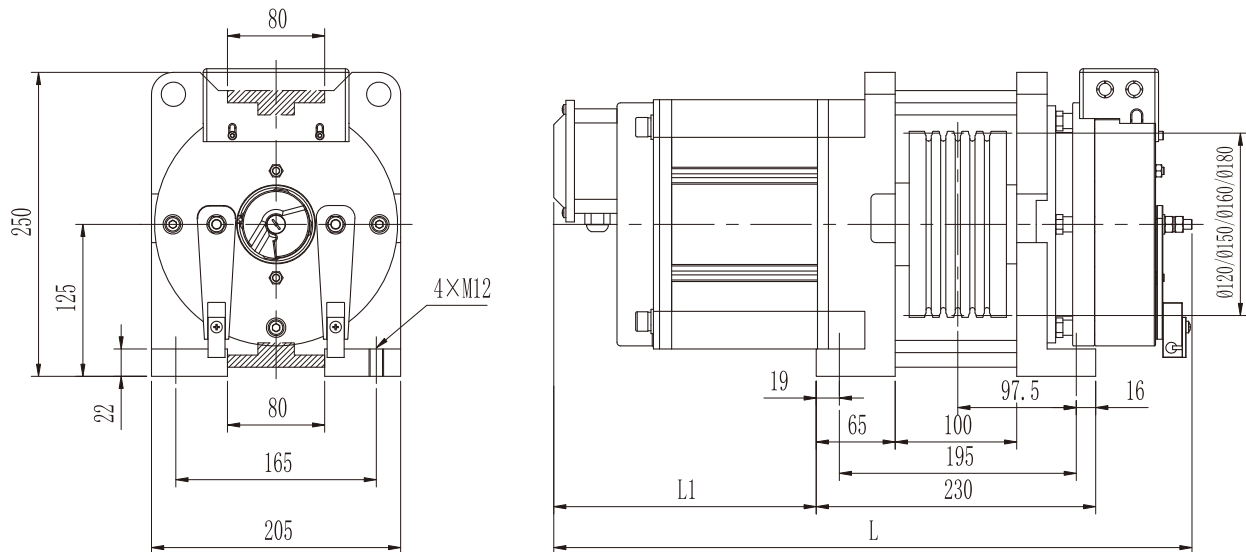


MONA150A

PMS GEARLESS TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	2:1
● Rated Load	(320~630)kg	● Elv. Speed	(0.4~1.0)m/s
● Sheave Dia.	(Φ120/Φ150/Φ160)mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2500kg	● Weight(Max.)	85kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS



SPEC.SHEET



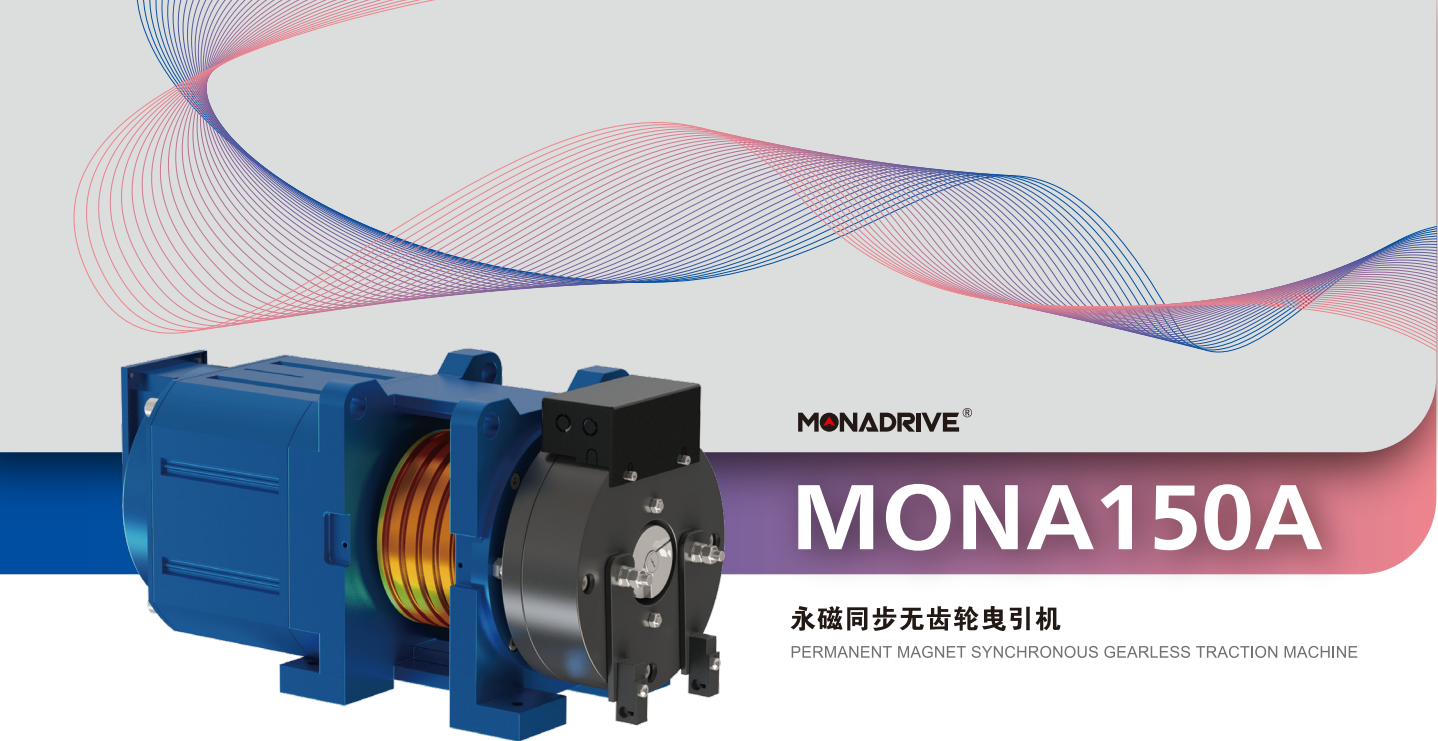
Type	MONA150A												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 2:1													
320-0.4A	320	0.4	120	3×Φ6.5×12	220 / 380	5	0.8	127	10.6	60	10	485	175
320-0.5A	320	0.5		3×Φ6.5×12	220 / 380	6	1.0	159	13.3	60	10		
320-0.63A	320	0.63		3×Φ6.5×12	220 / 380	6	1.3	201	16.8	60	10		
320-1.0A	320	1.0		3×Φ6.5×12	220 / 380	9 / 6	2.0	318	26.5	60	10		
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400-0.5A	400	0.5		3×Φ6.5×12	220 / 380	7	1.3	159	13.3	80	10		
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450-1.0A	450	1.0		3×Φ6.5×12	220 / 380	12 / 8	3.0	318	26.5	90	10		
630-0.4A	630	0.4	120	4×Φ6.5×12	220 / 380	9	1.6	127	10.6	120	10	525	215
630-0.5A	630	0.5		4×Φ6.5×12	220 / 380	12 / 9	2.0	159	13.3	120	10		
630-0.63A	630	0.63		4×Φ6.5×12	220 / 380	12 / 9	2.5	201	16.8	120	10		
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320-0.63B	320	0.63		4×Φ6.5×12	220 / 380	6	1.3	160	13.3	80	10		
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400-0.4B	400	0.4	150	5×Φ6.5×12	220 / 380	6	1.1	102	8.5	100	10	485	175
400-0.5B	400	0.5		5×Φ6.5×12	220 / 380	7	1.3	127	10.6	100	10		
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450-0.4B	450	0.4	150	5×Φ6.5×12	220 / 380	7	1.2	102	8.5	110	10	505	195
450-0.5B	450	0.5		5×Φ6.5×12	220 / 380	12 / 7	1.5	127	10.6	110	10		
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320-0.4C	320	0.4	160	4×Φ6.5×12	220 / 380	5	0.9	95	7.9	80	10	485	175
320-0.5C	320	0.5		4×Φ6.5×12	220 / 380	6	1.1	119	9.9	80	10		
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320-1.0C	320	1.0		4×Φ6.5×12	220 / 380	9 / 6	2.1	239	19.9	80	10		
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450-0.63C	450	0.63		5×Φ6.5×12	220 / 380	12 / 8	1.8	150	12.5	110	10		
450-1.0C	450	1.0		5×Φ6.5×12	220 / 380	12 / 8	2.9	239	19.9	110	10		

Notes:

*1、 For MRL only.

*2、 The sheave pitch diameter is Φ120 mm,the groove type is semicircular groove.

*3、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIIVE®

MONA150A

永磁同步无齿轮曳引机

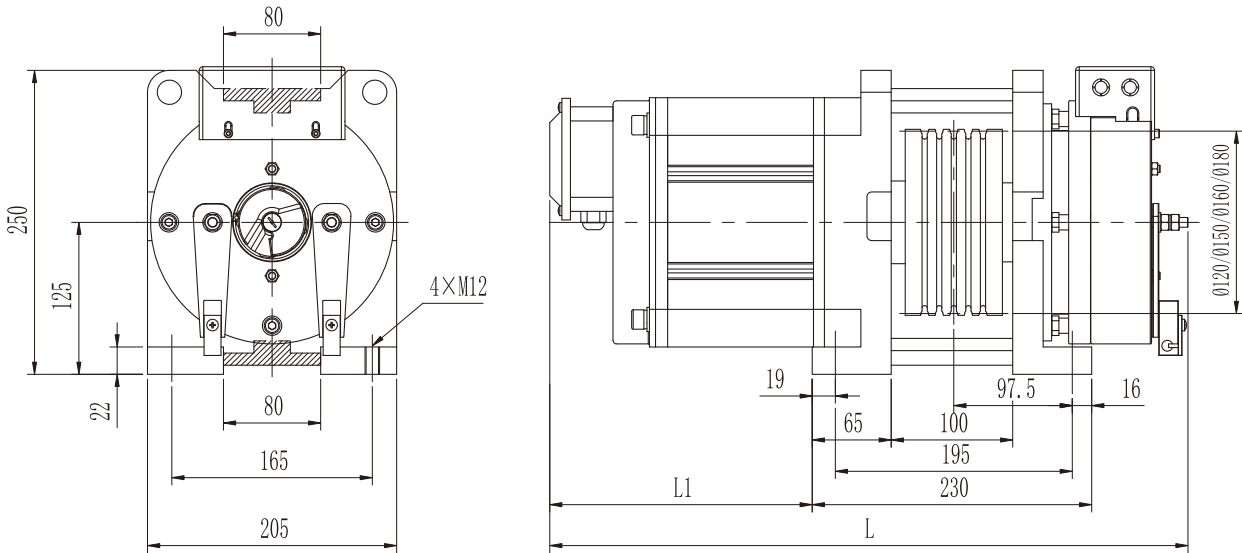
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~630)kg
曳引轮节径	Sheave Pitch Dia.	(Φ120/Φ150/Φ160/Φ180)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.4~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	85kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 1.6A	
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安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA150A											
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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 曳引比 2:1													
320-0.4A	320	0.4	120	3×Φ6.5×12	220 / 380	5	0.8	127	10.6	60	10	485	175
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400-0.63B	400	0.63		5×Φ6×12	220 / 380	8	1.7	160	13.3	100	10		
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320-1.0C	320	1.0		4×Φ6×12	220 / 380	9 / 6	2.1	239	19.9	80	10		
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400-0.63C	400	0.63		5×Φ6×12	220 / 380	8	1.7	150	12.5	100	10		
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450-0.63C	450	0.63		5×Φ6×12	220 / 380	12 / 8	1.8	150	12.5	110	10		
450-1.0C	450	1.0		5×Φ6×12	220 / 380	12 / 8	2.9	239	19.9	110	10		
320-0.4D	320	0.4	180	4×Φ6×12	220 / 380	6	0.8	85	7.1	90	10	485	175
320-0.5D	320	0.5		4×Φ6×12	220 / 380	6	1.0	106	8.8	90	10		
320-0.63D	320	0.63		4×Φ6×12	220 / 380	6	1.3	134	11.2	90	10		
320-1.0D	320	1.0		4×Φ6×12	220 / 380	9 / 6	2.0	212	17.7	90	10		
400-0.4D	400	0.4	180	5×Φ6×12	220 / 380	6	1.0	85	7.1	110	10	505	195
400-0.5D	400	0.5		5×Φ6×12	220 / 380	7	1.2	106	8.8	110	10		
400-0.63D	400	0.63		5×Φ6×12	220 / 380	7	1.5	134	11.2	110	10		
400-1.0D	400	1.0		5×Φ6×12	220 / 380	10 / 7	2.4	212	17.7	110	10		
450-0.4D	450	0.4	180	5×Φ6×12	220 / 380	7	1.2	85	7.1	120	10	525	215
450-0.5D	450	0.5		5×Φ6×12	220 / 380	8	1.4	106	8.8	120	10		
450-0.63D	450	0.63		5×Φ6×12	220 / 380	8	1.8	134	11.2	120	10		
450-1.0D	450	1.0		5×Φ6×12	220 / 380	12 / 8	2.9	212	17.7	120	10		

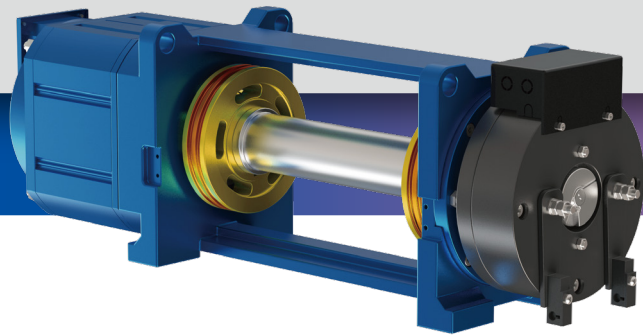
● 注 Notes:

⚠ *1、本机型只用于无机房。 For MRL only.

⚠ *2、曳引轮节径为Φ120mm时，槽型为半圆槽。 The sheave pitch diameter is Φ120 mm,the groove type is semicircular groove.

⚠ *3、本机型接线盒可选配悬挂式。 Suspended junction box is optional for this model.

⚠ *4、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA150B

永磁同步无齿轮曳引机

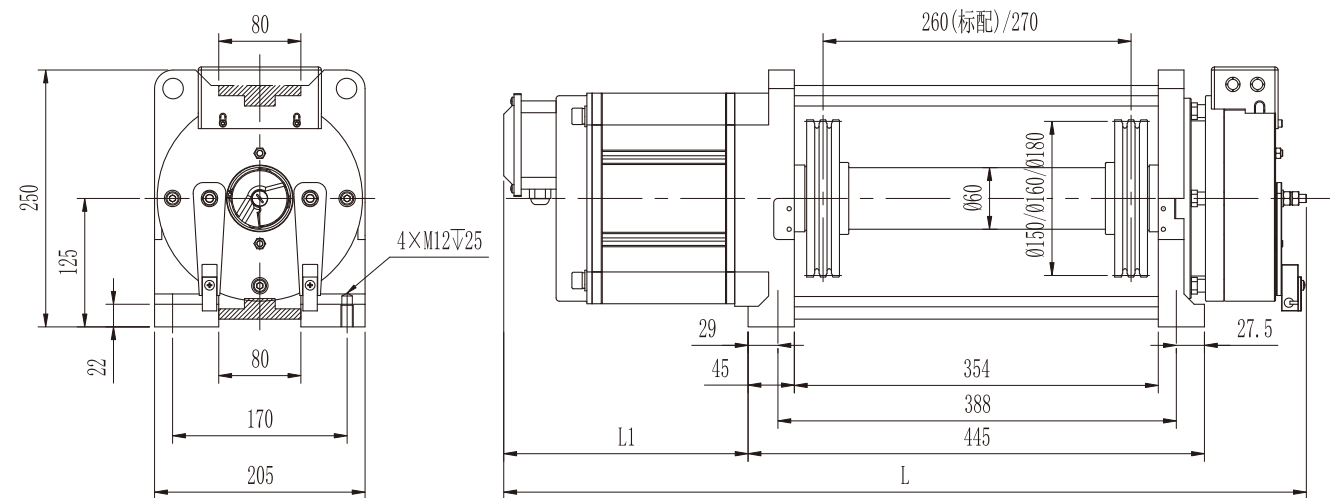
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~450)kg
曳引轮节径	Sheave Pitch Dia.	(Φ150/Φ160/Φ180)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.4~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	95kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 1.6A	
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安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

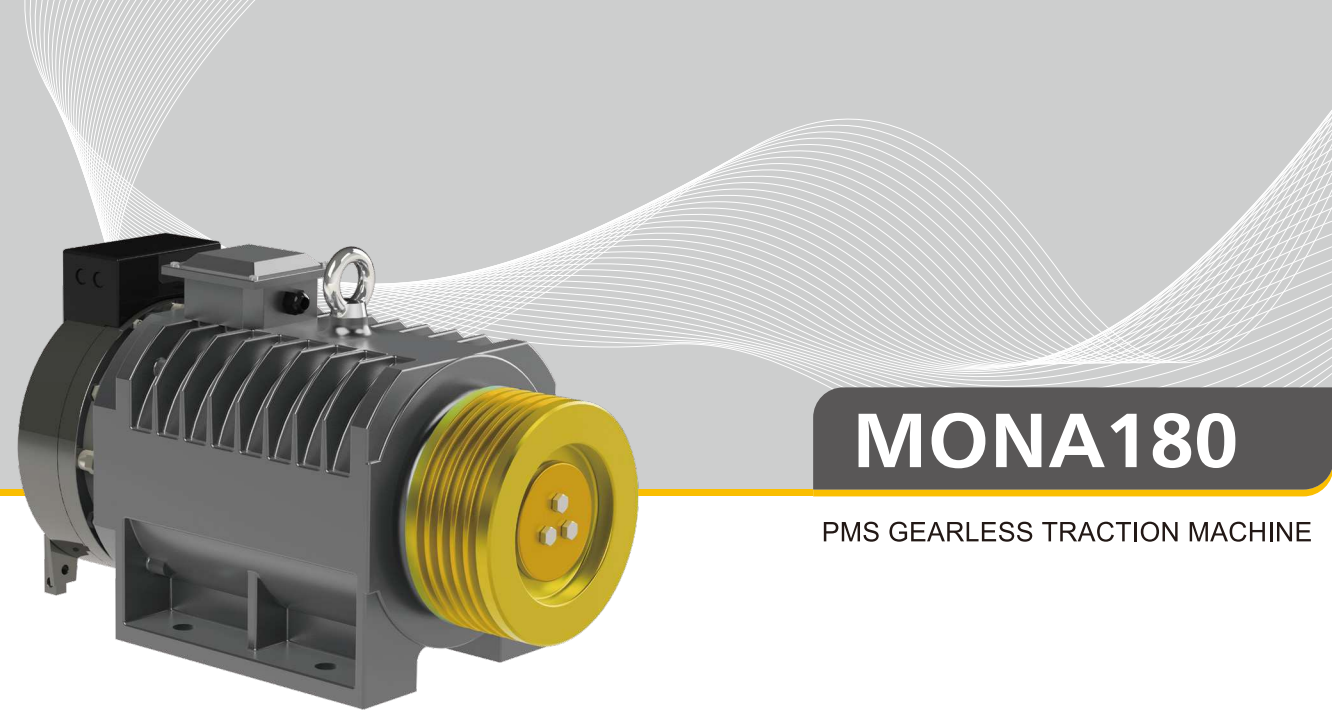
型号	Type	MONA150B											
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	电源电压	额定电流	额定功率	额定转速	额定频率	额定转矩	极数	L	L1
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 曳引比 2:1													
320-0.4A	320	0.4	150	2-2×Φ6×12	220 / 380	5	0.9	102	8.5	80	10	740	195
320-0.5A	320	0.5		2-2×Φ6×12	220 / 380	6	1.1	127	10.6	80	10		
320-0.63A	320	0.63		2-2×Φ6×12	220 / 380	6	1.3	160	13.3	80	10		
320-1.0A	320	1.0		2-2×Φ6×12	220 / 380	9 / 6	2.1	255	21.3	80	10		
400-0.4A	400	0.4	150	2-2×Φ6×12	220 / 380	6	1.1	102	8.5	100	10	740	195
400-0.5A	400	0.5		2-2×Φ6×12	220 / 380	7	1.3	127	10.6	100	10		
400-0.63A	400	0.63		2-2×Φ6×12	220 / 380	8	1.7	160	13.3	100	10		
400-1.0A	400	1.0		2-2×Φ6×12	220 / 380	11 / 8	2.7	255	21.3	100	10		
450-0.4A	450	0.4	150	2-2×Φ6×12	220 / 380	7	1.2	102	8.5	110	10	760	215
450-0.5A	450	0.5		2-2×Φ6×12	220 / 380	12 / 7	1.5	127	10.6	110	10		
450-0.63A	450	0.63		2-2×Φ6×12	220 / 380	12 / 8	1.8	160	13.3	110	10		
450-1.0A	450	1.0		2-2×Φ6×12	220 / 380	12 / 8	2.9	255	21.3	110	10		
320-0.4B	320	0.4	160	2-2×Φ6×12	220 / 380	5	0.8	95	7.9	80	10	740	195
320-0.5B	320	0.5		2-2×Φ6×12	220 / 380	6	1.0	119	9.9	80	10		
320-0.63B	320	0.63		2-2×Φ6×12	220 / 380	6	1.3	150	12.5	80	10		
320-1.0B	320	1.0		2-2×Φ6×12	220 / 380	9 / 6	2.0	239	19.9	80	10		
400-0.4B	400	0.4	160	2-2×Φ6×12	220 / 380	7	1.0	95	7.9	100	10	740	195
400-0.5B	400	0.5		2-2×Φ6×12	220 / 380	7	1.2	119	9.9	100	10		
400-0.63B	400	0.63		2-2×Φ6×12	220 / 380	8	1.6	150	12.5	100	10		
400-1.0B	400	1.0		2-2×Φ6×12	220 / 380	11 / 8	2.5	239	19.9	100	10		
450-0.4B	450	0.4	160	2-2×Φ6×12	220 / 380	7	1.1	95	7.9	110	10	760	215
450-0.5B	450	0.5		2-2×Φ6×12	220 / 380	12 / 7	1.4	119	9.9	110	10		
450-0.63B	450	0.63		2-2×Φ6×12	220 / 380	12 / 8	1.7	150	12.5	110	10		
450-1.0B	450	1.0		2-2×Φ6×12	220 / 380	12 / 8	2.8	239	19.9	110	10		
320-0.4C	320	0.4	180	2-2×Φ6×12	220 / 380	6	0.8	85	7.1	90	10	740	195
320-0.5C	320	0.5		2-2×Φ6×12	220 / 380	6	1.0	106	8.8	90	10		
320-0.63C	320	0.63		2-2×Φ6×12	220 / 380	6	1.3	134	11.2	90	10		
320-1.0C	320	1.0		2-2×Φ6×12	220 / 380	9 / 6	2.0	212	17.7	90	10		
400-0.4C	400	0.4	180	2-2×Φ6×12	220 / 380	6	1.0	85	7.1	110	10	760	215
400-0.5C	400	0.5		2-2×Φ6×12	220 / 380	7	1.2	106	8.8	110	10		
400-0.63C	400	0.63		2-2×Φ6×12	220 / 380	7	1.5	134	11.2	110	10		
400-1.0C	400	1.0		2-2×Φ6×12	220 / 380	10 / 7	2.4	212	17.7	110	10		
450-0.4C	450	0.4	180	2-2×Φ6×12	220 / 380	7	1.2	85	7.1	120	10	780	235
450-0.5C	450	0.5		2-2×Φ6×12	220 / 380	8	1.4	106	8.8	120	10		
450-0.63C	450	0.63		2-2×Φ6×12	220 / 380	8	1.8	134	11.2	120	10		
450-1.0C	450	1.0		2-2×Φ6×12	220 / 380	12 / 8	2.9	212	17.7	120	10		

● 注 Notes:

✍ *1、本机型只用于无机房。For MRL only.

✍ *2、本机型接线盒可选配悬挂式。Suspended junction box is optional for this model.

✍ *3、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

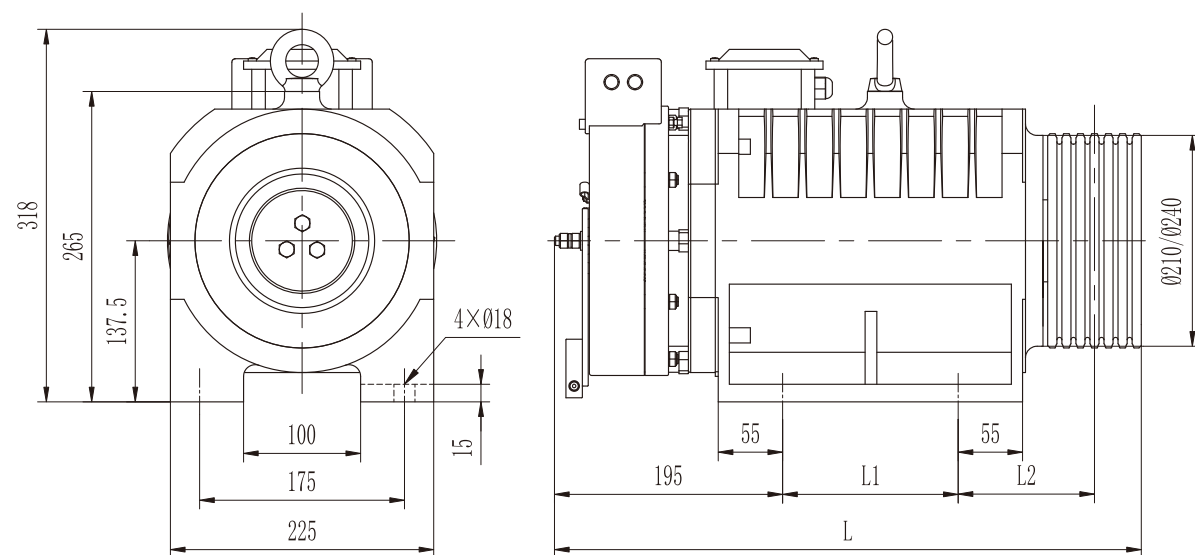


MONA180

PMS GEARLESS TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	2:1
● Rated Load	(400~630)kg	● Elv. Speed	(1.0~1.6)m/s
● Sheave Dia.	(Φ210/Φ240)mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2500kg	● Weight(Max.)	118kg
⦿ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS

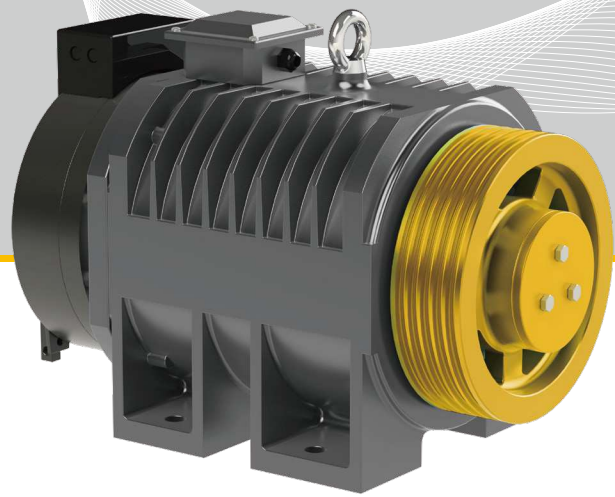


SPEC.SHEET



Type	MONA180													
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 2:1														
400-1.0C	400	1.0	210	5×Φ6.5×12	220 / 380	10 / 6	2.5	182	24.3	130	16	525	150	126.5
400-1.6C	400	1.6		5×Φ6.5×12	220 / 380	18 / 10	4.0	291	38.8	130	16			
450-1.0C	450	1.0	210	5×Φ6.5×12	220 / 380	12 / 7	2.9	182	24.3	150	16	525	150	126.5
450-1.6C	450	1.6		5×Φ6.5×12	220 / 380	20 / 12	4.6	291	38.8	150	16			
630-1.0C	630	1.0	210	6×Φ6.5×12	220 / 380	15 / 10	4.0	182	24.3	210	16	595	220	126.5
630-1.6C	630	1.6		6×Φ6.5×12	220 / 380	26 / 15	6.4	291	38.8	210	16			
400-1.0D	400	1.0	240	5×Φ6.5×12	220 / 380	11 / 7	2.5	159	21.2	150	16	525	150	126.5
400-1.6D	400	1.6		5×Φ6.5×12	220 / 380	20 / 11	4.0	255	34.0	150	16			
450-1.0D	450	1.0	240	5×Φ6.5×12	220 / 380	12 / 8	2.8	159	21.2	170	16	595	220	126.5
450-1.6D	450	1.6		5×Φ6.5×12	220 / 380	21 / 12	4.5	255	34.0	170	16			

- Notes:
- ✎ *1、 For MRL only.
- ✎ *2、 Facing the brake, junction box can be located on the left, right optionally.
- ✎ *3、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

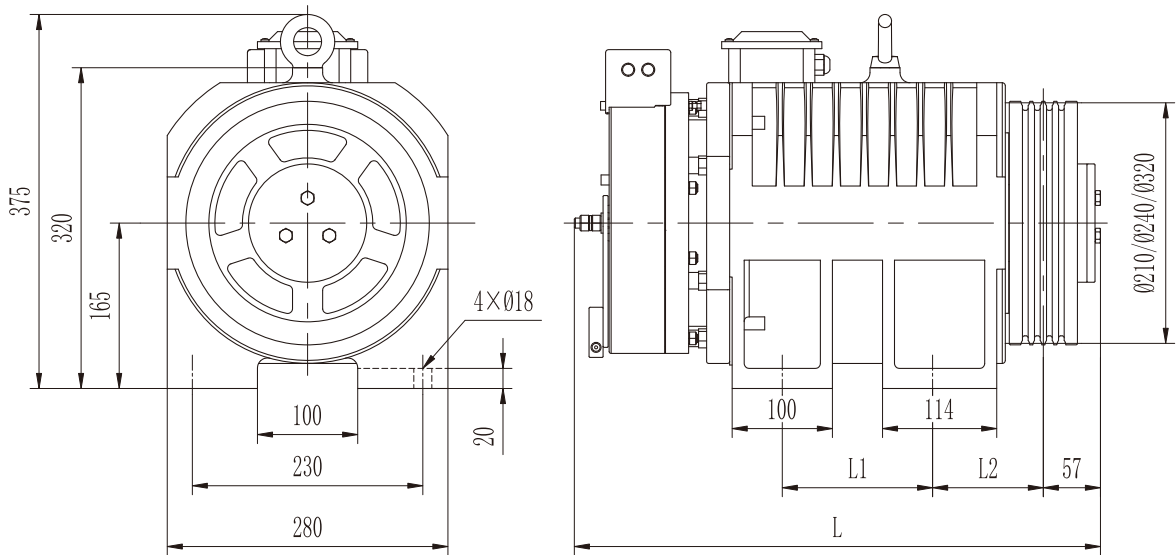


MONA200

PMS GEARLESS TRACTION MACHINE

• Voltage	220V / 380V	• Traction Ratio	2:1
• Rated Load	(400~800)kg	• Elv. Speed	(1.0~1.6)m/s
• Sheave Dia.	(Φ210/Φ240/Φ320)mm	• Duty Cycle / Starts Per Hour	S5-25% / 180st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	2500kg	• Weight(Max.)	180kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS



SPEC. SHEET



Type	MONA200													
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 2:1														
400-1.0A	400	1.0	210	5×Φ6.5×12	220 / 380	12 / 7	2.5	182	24.3	130	16	462	100	116.5
400-1.6A	400	1.6		5×Φ6.5×12	220 / 380	18 / 12	4.0	291	38.8	130	16			
450-1.0A	450	1.0	210	6×Φ6.5×12	220 / 380	12 / 8	2.9	182	24.3	150	16	462	100	116.5
450-1.6A	450	1.6		6×Φ6.5×12	220 / 380	20 / 12	4.6	291	38.8	150	16			
630-1.0A	630	1.0	210	7×Φ6.5×12	220 / 380	18 / 10	4.0	182	24.3	210	16	552	150	126.5
630-1.6A	630	1.6		7×Φ6.5×12	220 / 380	27 / 18	6.4	291	38.8	210	16			
800-1.0A	800	1.0	210	8×Φ6.5×12	220 / 380	20 / 13	5.1	182	24.3	270	16	552	150	126.5
800-1.6A	800	1.6		8×Φ6.5×12	220 / 380	34 / 20	8.2	291	38.8	270	16			
400-1.0B	400	1.0	240	5×Φ6.5×12	220 / 380	12 / 7	2.5	159	21.2	150	16	462	100	116.5
400-1.6B	400	1.6		5×Φ6.5×12	220 / 380	17 / 12	4.0	255	34.0	150	16			
450-1.0B	450	1.0	240	6×Φ6.5×12	220 / 380	13 / 8	2.8	159	21.2	170	16	462	100	116.5
450-1.6B	450	1.6		6×Φ6.5×12	220 / 380	19 / 13	4.5	255	34.0	170	16			
630-1.0B	630	1.0	240	7×Φ6.5×12	220 / 380	16 / 10	4.0	159	21.2	240	16	552	150	126.5
630-1.6B	630	1.6		7×Φ6.5×12	220 / 380	28 / 16	6.4	255	34.0	240	16			
800-1.0B	800	1.0	240	8×Φ6.5×12	220 / 380	20 / 12	5.2	159	21.2	310	16	552	150	126.5
800-1.6B	800	1.6		8×Φ6.5×12	220 / 380	32 / 20	8.3	255	34.0	310	16			
400-1.0C	400	1.0	320	4×Φ8×12	220 / 380	10 / 6	2.5	119	15.9	200	16	430	100	110.5
400-1.6C	400	1.6		4×Φ8×12	220 / 380	18 / 10	4.0	191	25.5	200	16			
450-1.0C	450	1.0	320	4×Φ8×12	220 / 380	11 / 7	2.9	119	15.9	230	16	430	100	110.5
450-1.6C	450	1.6		4×Φ8×12	220 / 380	19 / 11	4.6	191	25.5	230	16			
630-1.0C	630	1.0	320	5×Φ8×12	220 / 380	16 / 10	4.0	119	15.9	320	16	520	150	110.5
630-1.6C	630	1.6		5×Φ8×12	220 / 380	27 / 16	6.4	191	25.5	320	16			

- Notes:
- ✂ *1、 For MRL only.
- ✂ *2、 Facing the brake, junction box can be located on the left, right optionally.
- ✂ *3、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA200

永磁同步无齿轮曳引机

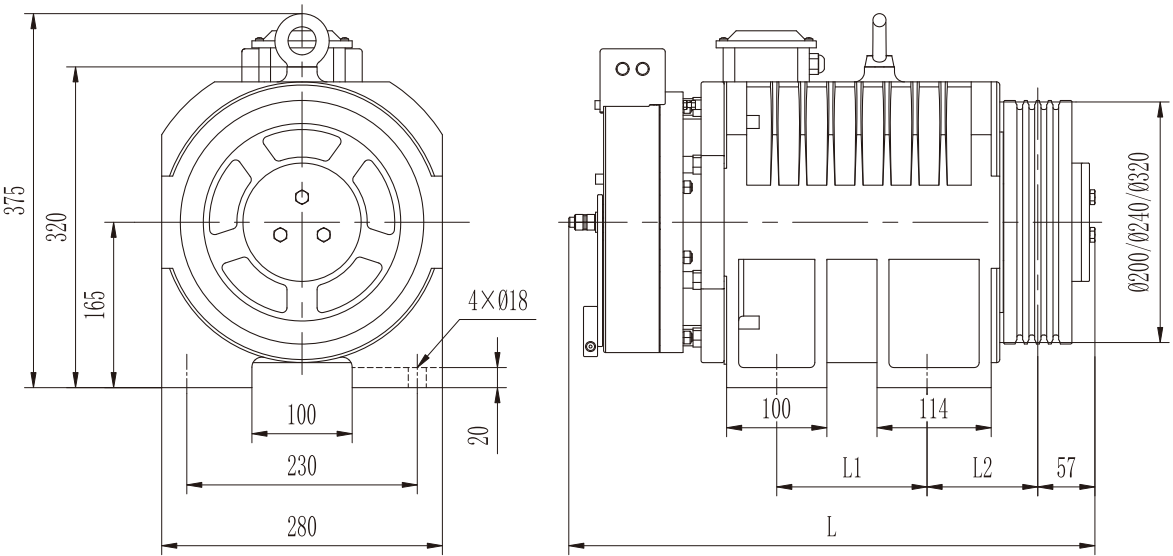
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~800)kg
曳引轮节径	Sheave Pitch Dia.	(Φ200/Φ240/Φ320)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	1:1 / 2:1
额定梯速	Elv. Speed	(0.4~1.75)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	180kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 2.5A	
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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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles			
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm	mm
Traction ratio 曳引比 2:1														
320-0.4A	320	0.4	200	3×Φ8×12	220 / 380	5 / 3	0.8	76	10.1	100	16	430	100	100.5
320-0.5A	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	95	12.7	100	16			
320-0.63A	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	120	16.0	100	16			
320-1.0A	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	191	25.5	100	16			
400-0.4A	400	0.4	200	4×Φ8×12	220 / 380	6 / 4	1.0	76	10.1	130	16	430	100	100.5
400-0.5A	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	95	12.7	130	16			
400-0.63A	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	120	16.0	130	16			
400-1.0A	400	1.0		4×Φ8×12	220 / 380	13 / 7	2.6	191	25.5	130	16			
450-0.4A	450	0.4	200	4×Φ8×12	220 / 380	7 / 5	1.1	76	10.1	140	16	430	100	100.5
450-0.5A	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	95	12.7	140	16			
450-0.63A	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	120	16.0	140	16			
450-1.0A	450	1.0		4×Φ8×12	220 / 380	14 / 8	2.8	191	25.5	140	16			
630-0.4A	630	0.4	200	4×Φ8×12	220 / 380	8 / 6	1.6	76	10.1	200	16	430	100	100.5
630-0.5A	630	0.5		4×Φ8×12	220 / 380	13 / 7	2.0	95	12.7	200	16			
630-0.63A	630	0.63		4×Φ8×12	220 / 380	13 / 7	2.5	120	16.0	200	16			
630-1.0A	630	1.0		4×Φ8×12	220 / 380	17 / 10	4.0	191	25.5	200	16			
800-0.5A	800	0.5	200	5×Φ8×12	220 / 380	15 / 9	2.5	95	12.7	250	16	520	150	110.5
800-1.0A	800	1.0		5×Φ8×12	220 / 380	20 / 13	5.0	191	25.5	250	16			
320-0.4B	320	0.4	240	3×Φ8×12	220 / 380	6 / 4	0.8	64	8.5	120	16	430	100	100.5
320-0.5B	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	80	10.7	120	16			
320-0.63B	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	100	13.3	120	16			
320-1.0B	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	159	21.2	120	16			
400-0.4B	400	0.4	240	4×Φ8×12	220 / 380	7 / 5	1.0	64	8.5	150	16	430	100	100.5
400-0.5B	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	80	10.7	150	16			
400-0.63B	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	100	13.3	150	16			
400-1.0B	400	1.0		4×Φ8×12	220 / 380	12 / 7	2.5	159	21.2	150	16			
450-0.4B	450	0.4	240	4×Φ8×12	220 / 380	8 / 5	1.1	64	8.5	170	16	430	100	100.5
450-0.5B	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	80	10.7	170	16			
450-0.63B	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	100	13.3	170	16			
450-1.0B	450	1.0		4×Φ8×12	220 / 380	13 / 8	2.8	159	21.2	170	16			
630-0.4B	630	0.4	240	4×Φ8×12	220 / 380	10 / 8	1.6	64	8.5	240	16	520	150	110.5
630-0.5B	630	0.5		4×Φ8×12	220 / 380	12 / 8	2.0	80	10.7	240	16			
630-0.63B	630	0.63		4×Φ8×12	220 / 380	12 / 8	2.5	100	13.3	240	16			
630-1.0B	630	1.0		4×Φ8×12	220 / 380	16 / 10	4.0	159	21.2	240	16			
800-0.5B	800	0.5	240	5×Φ8×12	220 / 380	15 / 9	2.6	80	10.7	310	16	552	150	126.5
800-1.0B	800	1.0		5×Φ8×12	220 / 380	20 / 12	5.2	159	21.2	310	16			
320-0.5C	320	0.5	320	3×Φ8×12	220 / 380	6 / 5	1.0	60	8.0	160	16	430	100	100.5
320-0.63C	320	0.63		3×Φ8×12	220 / 380	6 / 5	1.3	75	10.0	160	16			
320-1.0C	320	1.0		3×Φ8×12	220 / 380	9 / 6	2.0	119	15.9	160	16			
400-0.5C	400	0.5	320	4×Φ8×12	220 / 380	8 / 5	1.4	60	8.0	220	16	430	100	100.5
400-1.0C	400	1.0		4×Φ8×12	220 / 380	10 / 8	2.7	119	15.9	220	16			
400-1.5C	400	1.5		4×Φ8×12	220 / 380	18 / 10	4.1	179	23.9	220	16			
400-1.75C	400	1.75		4×Φ8×12	220 / 380	18 / 10	4.8	209	27.9	220	16			
450-0.5C	450	0.5	320	4×Φ8×12	220 / 380	8 / 5	1.5	60	8.0	240	16	430	100	100.5
450-1.0C	450	1.0		4×Φ8×12	220 / 380	11 / 9	3.0	119	15.9	240	16			
450-1.5C	450	1.5		4×Φ8×12	220 / 380	19 / 11	4.5	179	23.9	240	16			
450-1.75C	450	1.75		4×Φ8×12	220 / 380	19 / 11	5.3	209	27.9	240	16			
630-0.5C	630	0.5	320	5×Φ8×12	220 / 380	13 / 8	2.0	60	8.0	320	16	520	150	110.5
630-1.0C	630	1.0		5×Φ8×12	220 / 380	16 / 10	4.0	119	15.9	320	16			
630-1.5C	630	1.5		5×Φ8×12	220 / 380	27 / 16	6.0	179	23.9	320	16			
630-1.75C	630	1.75		5×Φ8×12	220 / 380	27 / 16	7.0	209	27.9	320	16			
Traction ratio 曳引比 1:1														
320-0.4D	320	0.4	200	4×Φ8×12	220 / 380	5 / 3	0.8	38	5.1	200	16	520	150	110.5
320-1.0D	320	1.0		4×Φ8×12	220 / 380	10 / 6	2.0	95	12.7	200	16			
400-0.4D	400	0.4	200	5×Φ8×12	220 / 380	6 / 4	1.0	38	5.1	240	16	520	150	110.5
400-1.0D	400	1.0		5×Φ8×12	220 / 380	12 / 8	2.5	95	12.7	240	16			

● 注 Notes:

✍ *1、本机型只用于无机房。 For MRL only.

✍ *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、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA200 D

永磁同步无齿轮曳引机

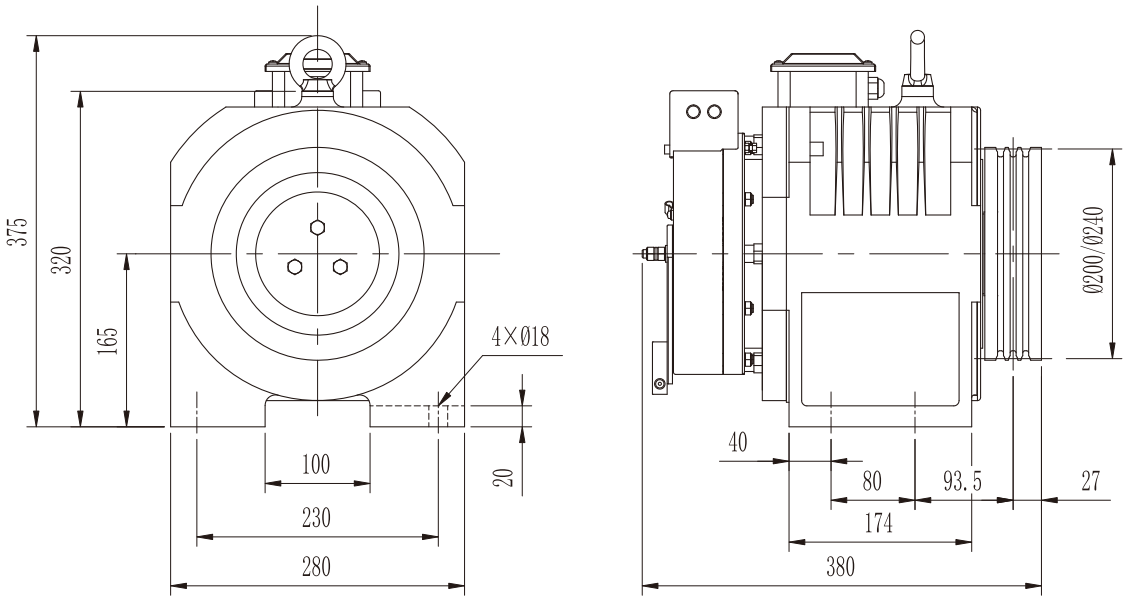
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~450)kg
曳引轮节径	Sheave Pitch Dia.	(Φ200/Φ240)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.4~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	95kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 2.4A
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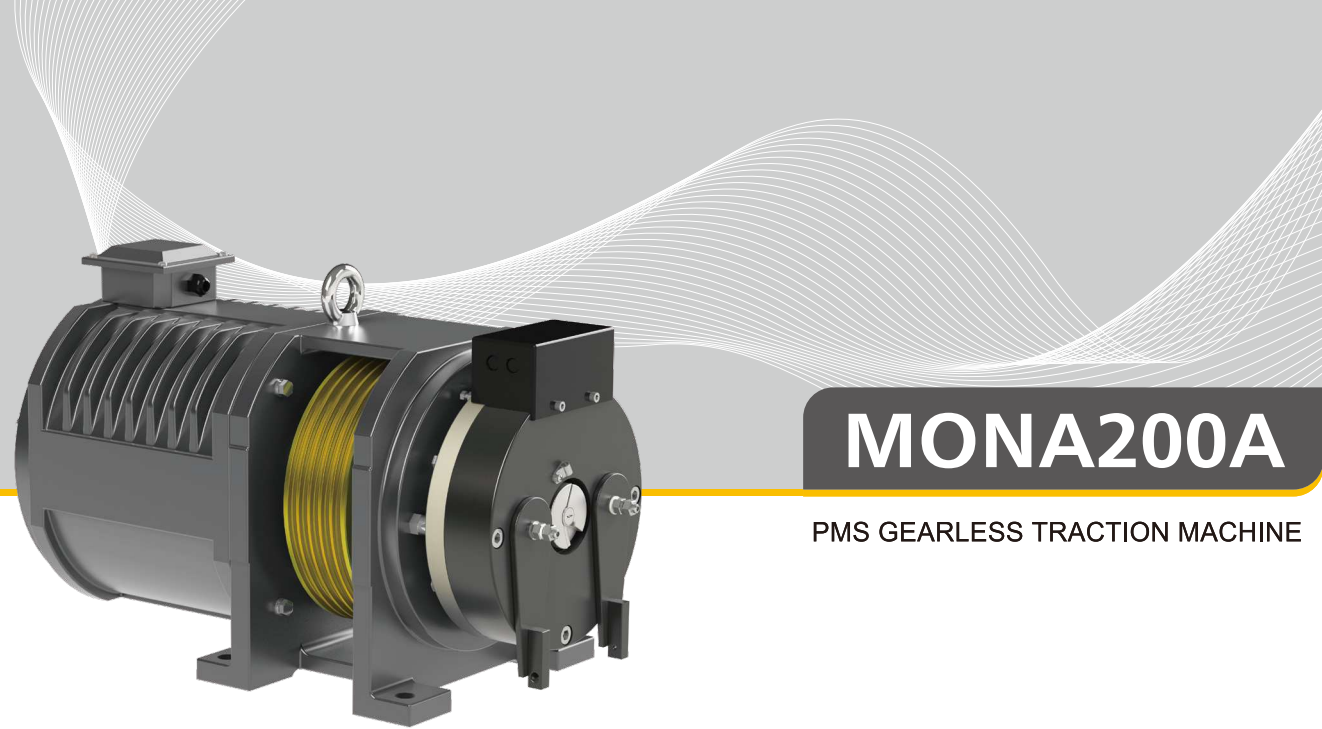
安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA200D									
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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m	
Traction ratio 曳引比 2:1											
320-0.4A	320	0.4	200	3×Φ8×12	220 / 380	5 / 3	0.8	76	10.1	100	16
320-0.5A	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	95	12.7	100	16
320-0.63A	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	120	16.0	100	16
320-1.0A	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	191	25.5	100	16
400-0.4A	400	0.4	200	4×Φ8×12	220 / 380	6 / 4	1.0	76	10.1	130	16
400-0.5A	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	95	12.7	130	16
400-0.63A	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	120	16.0	130	16
400-1.0A	400	1.0		4×Φ8×12	220 / 380	13 / 7	2.6	191	25.5	130	16
450-0.4A	450	0.4	200	4×Φ8×12	220 / 380	7 / 5	1.1	76	10.1	140	16
450-0.5A	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	95	12.7	140	16
450-0.63A	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	120	16.0	140	16
450-1.0A	450	1.0		4×Φ8×12	220 / 380	14 / 8	2.8	191	25.5	140	16
320-0.4B	320	0.4	240	3×Φ8×12	220 / 380	6 / 4	0.8	64	8.5	120	16
320-0.5B	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	80	10.7	120	16
320-0.63B	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	100	13.3	120	16
320-1.0B	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	159	21.2	120	16
400-0.4B	400	0.4	240	4×Φ8×12	220 / 380	7 / 5	1.0	64	8.5	150	16
400-0.5B	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	80	10.7	150	16
400-0.63B	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	100	13.3	150	16
400-1.0B	400	1.0		4×Φ8×12	220 / 380	12 / 7	2.5	159	21.2	150	16
450-0.4B	450	0.4	240	4×Φ8×12	220 / 380	8 / 5	1.1	64	8.5	170	16
450-0.5B	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	80	10.7	170	16
450-0.63B	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	100	13.3	170	16
450-1.0B	450	1.0		4×Φ8×12	220 / 380	13 / 8	2.8	159	21.2	170	16

- 注 Notes:
- ✎ *1、本机型只用于无机房。 For MRL only.
- ✎ *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、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

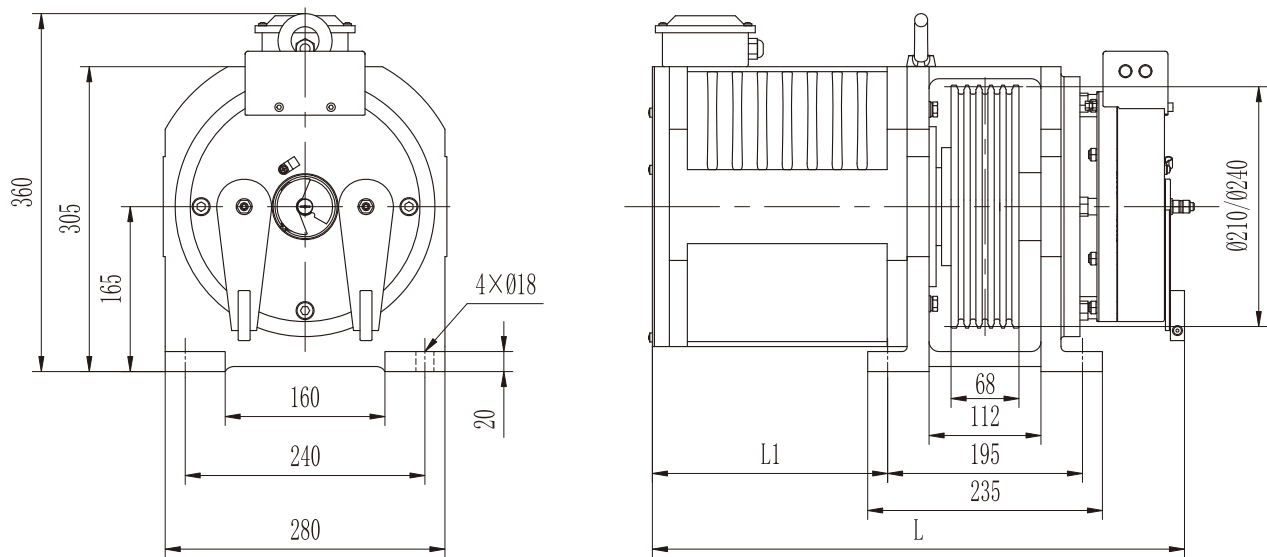


MONA200A

PMS GEARLESS TRACTION MACHINE

• Voltage	220V / 380V	• Traction Ratio	2:1
• Rated Load	(400~800)kg	• Elv. Speed	(1.0~1.6)m/s
• Sheave Dia.	(Φ210/Φ240)mm	• Duty Cycle / Starts Per Hour	S5-25% / 180st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	2500kg	• Weight(Max.)	135kg
☉ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS



SPEC.SHEET



Type	MONA200A												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 2:1													
400-1.0A	400	1.0	210	5×Φ6.5×12	220 / 380	12 / 7	2.5	182	24.3	130	16	470	150
400-1.6A	400	1.6		5×Φ6.5×12	220 / 380	18 / 12	4.0	291	38.8	130	16		
450-1.0A	450	1.0	210	6×Φ6.5×12	220 / 380	12 / 8	2.9	182	24.3	150	16	470	150
450-1.6A	450	1.6		6×Φ6.5×12	220 / 380	20 / 12	4.6	291	38.8	150	16		
630-1.0A	630	1.0	210	7×Φ6.5×12	220 / 380	18 / 10	4.0	182	24.3	210	16	500	180
630-1.6A	630	1.6		7×Φ6.5×12	220 / 380	27 / 18	6.4	291	38.8	210	16		
800-1.0A	800	1.0	210	7×Φ6.5×12	220 / 380	20 / 13	5.1	182	24.3	270	16	560	240
800-1.6A	800	1.6		7×Φ6.5×12	220 / 380	34 / 20	8.2	291	38.8	270	16		
400-1.0B	400	1.0	240	5×Φ6.5×12	220 / 380	12 / 7	2.5	159	21.2	150	16	470	150
400-1.6B	400	1.6		5×Φ6.5×12	220 / 380	17 / 12	4.0	255	34.0	150	16		
450-1.0B	450	1.0	240	6×Φ6.5×12	220 / 380	13 / 8	2.8	159	21.2	170	16	470	150
450-1.6B	450	1.6		6×Φ6.5×12	220 / 380	19 / 13	4.5	255	34.0	170	16		
630-1.0B	630	1.0	240	7×Φ6.5×12	220 / 380	16 / 10	4.0	159	21.2	240	16	560	240
630-1.6B	630	1.6		7×Φ6.5×12	220 / 380	28 / 16	6.4	255	34.0	240	16		

- Notes:
- *1、 For MRL only.
 - *2、 Facing the brake, junction box can be located on the left, right optionally.
 - *3、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA200A

永磁同步无齿轮曳引机

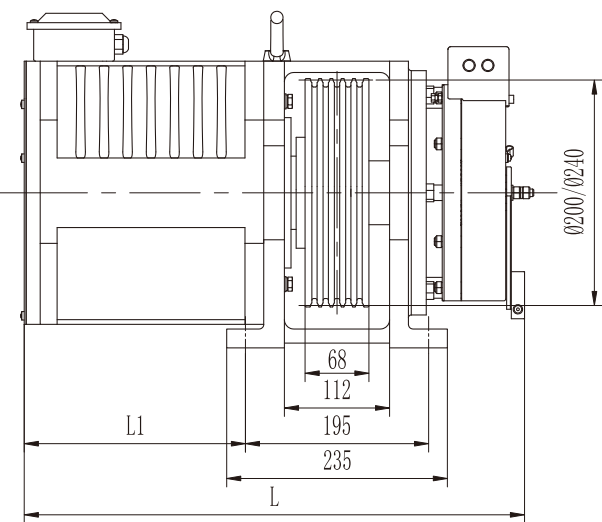
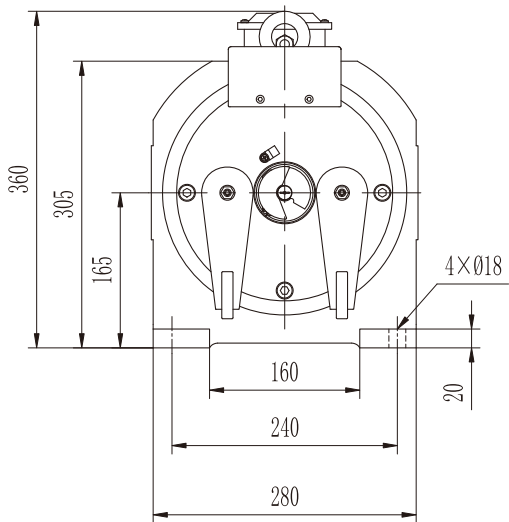
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~630)kg
曳引轮节径	Sheave Pitch Dia.	(Φ200/Φ240)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.4~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	135kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 2.5A	
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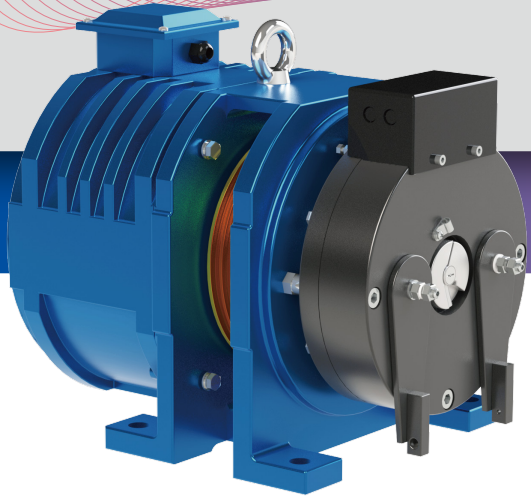
安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA200A											
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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles		
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 曳引比 2:1													
320-0.4A	320	0.4	200	3×Φ8×12	220 / 380	5 / 3	0.8	76	10.1	100	16	470	150
320-0.5A	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	95	12.7	100	16		
320-0.63A	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	120	16.0	100	16		
320-1.0A	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	191	25.5	100	16		
400-0.4A	400	0.4	200	4×Φ8×12	220 / 380	6 / 4	1.0	76	10.1	130	16	470	150
400-0.5A	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	95	12.7	130	16		
400-0.63A	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	120	16.0	130	16		
400-1.0A	400	1.0		4×Φ8×12	220 / 380	13 / 7	2.6	191	25.5	130	16		
450-0.4A	450	0.4	200	4×Φ8×12	220 / 380	7 / 5	1.1	76	10.1	140	16	470	150
450-0.5A	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	95	12.7	140	16		
450-0.63A	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	120	16.0	140	16		
450-1.0A	450	1.0		4×Φ8×12	220 / 380	14 / 8	2.8	191	25.5	140	16		
630-0.4A	630	0.4	200	4×Φ8×12	220 / 380	8 / 6	1.6	76	10.1	200	16	500	180
630-0.5A	630	0.5		4×Φ8×12	220 / 380	13 / 7	2.0	95	12.7	200	16		
630-0.63A	630	0.63		4×Φ8×12	220 / 380	13 / 7	2.5	120	16.0	200	16		
630-1.0A	630	1.0		4×Φ8×12	220 / 380	17 / 10	4.0	191	25.5	200	16		
320-0.4B	320	0.4	240	3×Φ8×12	220 / 380	6 / 4	0.8	64	8.5	120	16	470	150
320-0.5B	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	80	10.7	120	16		
320-0.63B	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	100	13.3	120	16		
320-1.0B	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	159	21.2	120	16		
400-0.4B	400	0.4	240	4×Φ8×12	220 / 380	7 / 5	1.0	64	8.5	150	16	470	150
400-0.5B	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	80	10.7	150	16		
400-0.63B	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	100	13.3	150	16		
400-1.0B	400	1.0		4×Φ8×12	220 / 380	12 / 7	2.5	159	21.2	150	16		
450-0.4B	450	0.4	240	4×Φ8×12	220 / 380	8 / 5	1.1	64	8.5	170	16	470	150
450-0.5B	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	80	10.7	170	16		
450-0.63B	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	100	13.3	170	16		
450-1.0B	450	1.0		4×Φ8×12	220 / 380	13 / 8	2.8	159	21.2	170	16		
630-0.4B	630	0.4	240	4×Φ8×12	220 / 380	10 / 8	1.6	64	8.5	240	16	560	240
630-0.5B	630	0.5		4×Φ8×12	220 / 380	12 / 8	2.0	80	10.7	240	16		
630-0.63B	630	0.63		4×Φ8×12	220 / 380	12 / 8	2.5	100	13.3	240	16		
630-1.0B	630	1.0		4×Φ8×12	220 / 380	16 / 10	4.0	159	21.2	240	16		

- 注 Notes:
- ✎ *1、本机型只用于无机房。For MRL only.
- ✎ *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、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA200A D

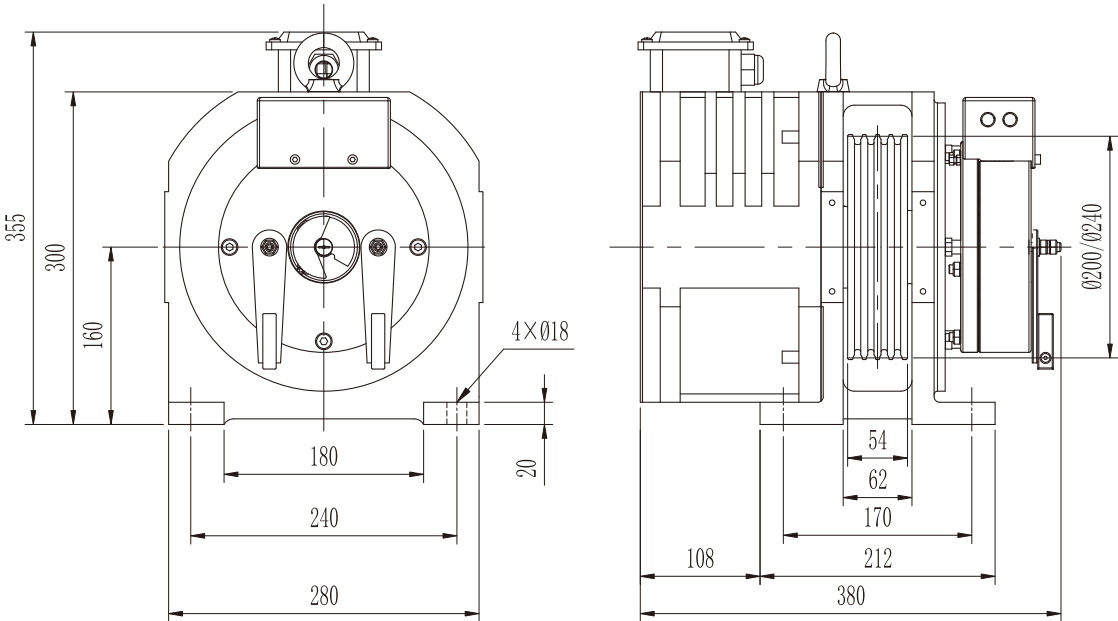
永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~450)kg
曳引轮节径	Sheave Pitch Dia.	(Φ200/Φ240)mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.4~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	100kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 2.4A	
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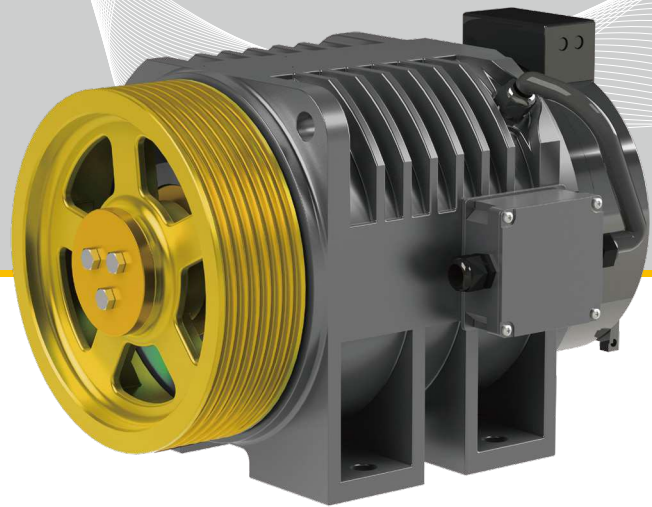
安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

型号	Type	MONA200AD									
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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m	
Traction ratio 曳引比 2:1											
320-0.4A	320	0.4	200	3×Φ8×12	220 / 380	5 / 3	0.8	76	10.1	100	16
320-0.5A	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	95	12.7	100	16
320-0.63A	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	120	16.0	100	16
320-1.0A	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	191	25.5	100	16
400-0.4A	400	0.4	200	4×Φ8×12	220 / 380	6 / 4	1.0	76	10.1	130	16
400-0.5A	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	95	12.7	130	16
400-0.63A	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	120	16.0	130	16
400-1.0A	400	1.0		4×Φ8×12	220 / 380	13 / 7	2.6	191	25.5	130	16
450-0.4A	450	0.4	200	4×Φ8×12	220 / 380	7 / 5	1.1	76	10.1	140	16
450-0.5A	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	95	12.7	140	16
450-0.63A	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	120	16.0	140	16
450-1.0A	450	1.0		4×Φ8×12	220 / 380	14 / 8	2.8	191	25.5	140	16
320-0.4B	320	0.4	240	3×Φ8×12	220 / 380	6 / 4	0.8	64	8.5	120	16
320-0.5B	320	0.5		3×Φ8×12	220 / 380	7 / 5	1.0	80	10.7	120	16
320-0.63B	320	0.63		3×Φ8×12	220 / 380	7 / 5	1.3	100	13.3	120	16
320-1.0B	320	1.0		3×Φ8×12	220 / 380	10 / 6	2.0	159	21.2	120	16
400-0.4B	400	0.4	240	4×Φ8×12	220 / 380	7 / 5	1.0	64	8.5	150	16
400-0.5B	400	0.5		4×Φ8×12	220 / 380	9 / 6	1.3	80	10.7	150	16
400-0.63B	400	0.63		4×Φ8×12	220 / 380	9 / 6	1.6	100	13.3	150	16
400-1.0B	400	1.0		4×Φ8×12	220 / 380	12 / 7	2.5	159	21.2	150	16
450-0.4B	450	0.4	240	4×Φ8×12	220 / 380	8 / 5	1.1	64	8.5	170	16
450-0.5B	450	0.5		4×Φ8×12	220 / 380	9 / 6	1.4	80	10.7	170	16
450-0.63B	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.8	100	13.3	170	16
450-1.0B	450	1.0		4×Φ8×12	220 / 380	13 / 8	2.8	159	21.2	170	16

- 注 Notes:
- ✎ *1、本机型只用于无机房。 For MRL only.
- ✎ *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、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

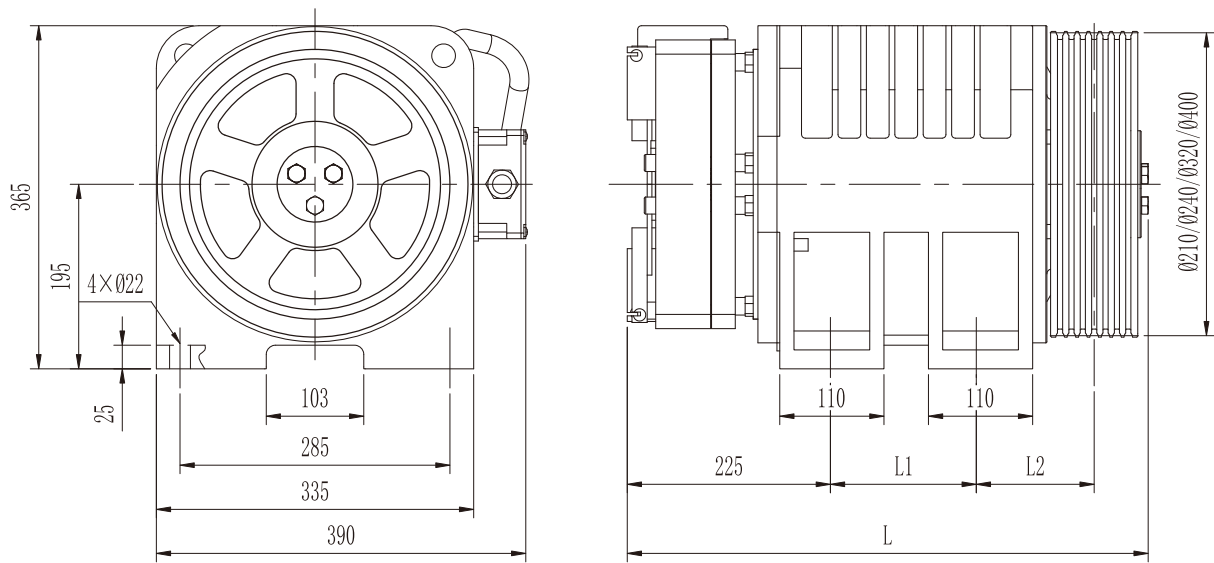


MONA320

PMS GEARLESS TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	2:1
● Rated Load	(630~1275)kg	● Elv. Speed	(1.0~2.0)m/s
● Sheave Dia.	(Φ210/Φ240/Φ320/Φ400)mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	3500kg	● Weight(Max.)	295kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.8A (Standard) DC207V / 2×1.0A (Optional)

DIMENSIONS



SPEC.SHEET

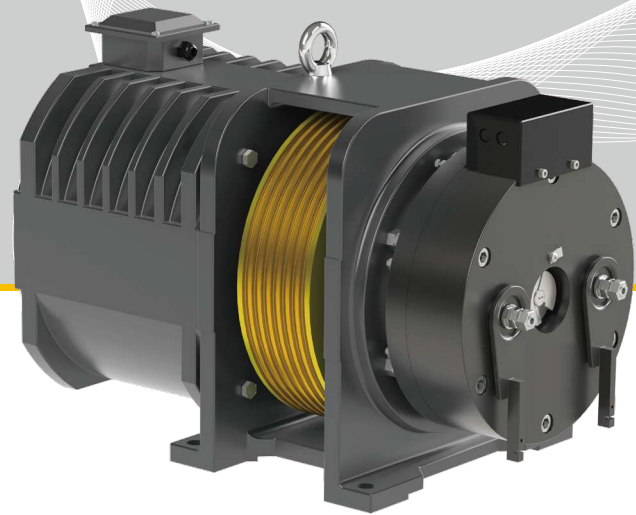


Type	MONA320													
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 2:1														
800-1.0A	800	1.0	210	8×Φ6.5×12	220 / 380	20 / 12	5.1	182	48.5	270	32	583	154	153.5
800-1.6A	800	1.6		8×Φ6.5×12	220 / 380	35 / 20	8.2	291	77.6	270	32			
1000-1.0A	1000	1.0	210	9×Φ6.5×12	220 / 380	25 / 15	6.3	182	48.5	330	32	607	154	165.5
1000-1.6A	1000	1.6		9×Φ6.5×12	220 / 380	43 / 25	10.1	291	77.6	330	32			
1150-1.0A	1150	1.0	210	10×Φ6.5×12	220 / 380	28 / 19	7.2	182	48.5	380	32	607	154	165.5
1150-1.6A	1150	1.6		10×Φ6.5×12	220 / 380	50 / 28	11.6	291	77.6	380	32			
800-1.0B	800	1.0	240	8×Φ6.5×12	220 / 380	21 / 13	5.2	159	42.4	310	32	558	154	127.5
800-1.6B	800	1.6		8×Φ6.5×12	220 / 380	36 / 21	8.3	255	68.0	310	32			
800-2.0B	800	2.0		8×Φ6.5×12	220 / 380	43 / 24	10.3	318	84.8	310	32			
1000-1.0B	1000	1.0	240	9×Φ6.5×12	220 / 380	25 / 16	6.3	159	42.4	380	32	582	154	139.5
1000-1.6B	1000	1.6		9×Φ6.5×12	220 / 380	43 / 25	10.1	255	68.0	380	32			
1000-2.0B	1000	2.0		9×Φ6.5×12	220 / 380	49 / 30	12.7	318	84.8	380	32			
1150-1.0B	1150	1.0	240	10×Φ6.5×12	220 / 380	29 / 19	7.3	159	42.4	440	32	582	154	139.5
1150-1.6B	1150	1.6		10×Φ6.5×12	220 / 380	50 / 29	11.7	255	68.0	440	32			
1150-2.0B	1150	2.0		10×Φ6.5×12	220 / 380	59 / 35	14.7	318	84.8	440	32			
1275-1.0B	1275	1.0	240	10×Φ6.5×12	220 / 380	32 / 20	8.2	159	42.4	490	32	582	154	139.5
1275-1.6B	1275	1.6		10×Φ6.5×12	220 / 380	57 / 32	13.1	255	68.0	490	32			
1275-2.0B	1275	2.0		10×Φ6.5×12	220 / 380	* / 44	16.3	318	84.8	490	32			
630-1.0C	630	1.0	320	5×Φ8×12	220 / 380	16 / 10	4.0	119	31.7	320	32	550	154	124.5
630-1.6C	630	1.6		5×Φ8×12	220 / 380	28 / 16	6.4	191	50.9	320	32			
630-2.0C	630	2.0		5×Φ8×12	220 / 380	35 / 23	8.0	239	63.7	320	32			
800-1.0C	800	1.0	320	6×Φ8×12	220 / 380	20 / 13	5.1	119	31.7	410	32	550	154	124.5
800-1.6C	800	1.6		6×Φ8×12	220 / 380	28 / 20	8.2	191	50.9	410	32			
800-2.0C	800	2.0		6×Φ8×12	220 / 380	40 / 28	10.3	239	63.7	410	32			
1000-1.0C	1000	1.0	320	7×Φ8×12	220 / 380	25 / 16	6.4	119	31.7	510	32	550	154	124.5
1000-1.6C	1000	1.6		7×Φ8×12	220 / 380	46 / 25	10.2	191	50.9	510	32			
1000-2.0C	1000	2.0		7×Φ8×12	220 / 380	50 / 31	12.8	239	63.7	510	32			
1150-1.0C	1150	1.0	320	8×Φ8×12	220 / 380	30 / 18	7.4	119	31.7	590	32	600	194	130.5
1150-1.6C	1150	1.6		8×Φ8×12	220 / 380	52 / 30	11.8	191	50.9	590	32			
1150-2.0C	1150	2.0		8×Φ8×12	220 / 380	58 / 33	14.8	239	63.7	590	32			
1275-1.0C	1275	1.0	320	8×Φ8×12	220 / 380	32 / 19	8.2	119	31.7	650	32	600	194	130.5
1275-1.6C	1275	1.6		8×Φ8×12	220 / 380	58 / 30	13.1	191	50.9	650	32			
1275-2.0C	1275	2.0		8×Φ8×12	220 / 380	* / 36	16.3	239	63.7	650	32			
630-1.0B	630	1.0	400	4×Φ10×15	220 / 380	17 / 10	4.0	95	25.3	400	32	550	154	124.5
630-1.6B	630	1.6		4×Φ10×15	220 / 380	29 / 17	6.4	153	40.8	400	32			
630-2.0B	630	2.0		4×Φ10×15	220 / 380	35 / 20	8.0	191	50.9	400	32			
800-1.0B	800	1.0	400	5×Φ10×15	220 / 380	20 / 12	5.1	95	25.3	510	32	550	154	124.5
800-1.6B	800	1.6		5×Φ10×15	220 / 380	36 / 20	7.6	153	40.8	510	32			
800-2.0B	800	2.0		5×Φ10×15	220 / 380	41 / 23	10.2	191	50.9	510	32			
1000-1.0B	1000	1.0	400	5×Φ10×15	220 / 380	25 / 16	6.4	95	25.3	640	32	600	194	124.5
1000-1.6B	1000	1.6		5×Φ10×15	220 / 380	44 / 25	9.6	143	40.8	640	32			
1000-2.0B	1000	2.0		5×Φ10×15	220 / 380	53 / 31	12.8	191	50.9	640	32			

● Notes:

✎ *1、 For MRL only.

✎ *2、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

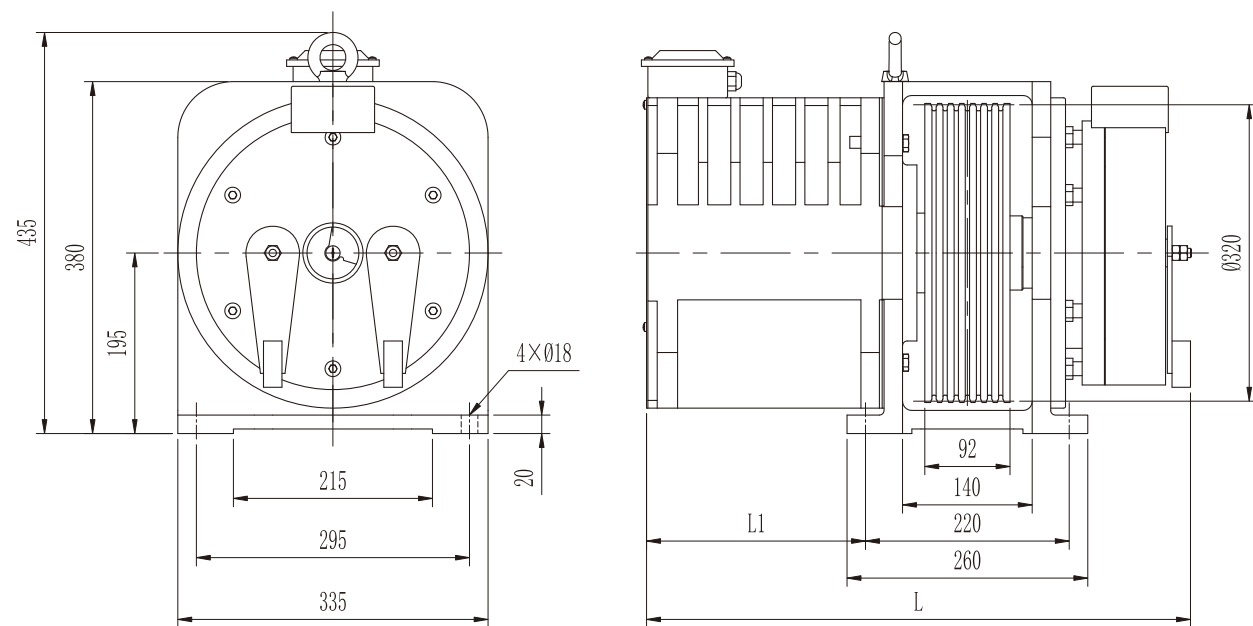


MONA320B

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	2:1
• Rated Load	(630~1000)kg	• Elv. Speed	(1.0~1.75)m/s
• Sheave Dia.	Φ320mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	3000kg	• Weight(Max.)	255kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.5A (Standard) DC207V / 2×0.9A (Optional)

DIMENSIONS



SPEC.SHEET

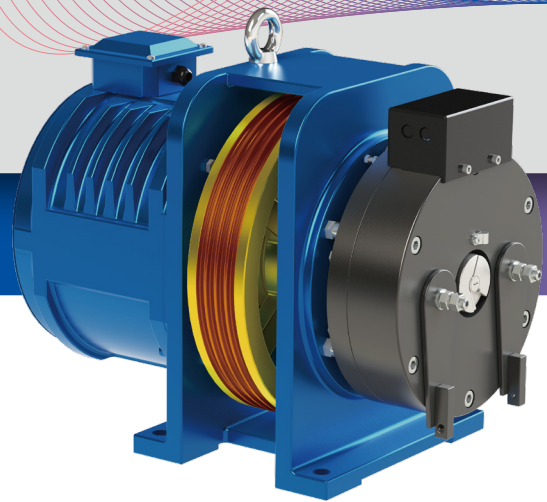
Type	MONA320B												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 2:1													
630-1.0	630	1.0	320	5×Φ8×12	220 / 380	16 / 10	4.0	119	31.7	320	32	560	200
630-1.6	630	1.6		5×Φ8×12	220 / 380	28 / 16	6.4	191	50.9	320	32		
800-1.0	800	1.0	320	6×Φ8×12	220 / 380	20 / 13	5.1	119	31.7	410	32	600	240
800-1.6	800	1.6		6×Φ8×12	220 / 380	38 / 20	8.2	191	50.9	410	32		
1000-1.0	1000	1.0	320	7×Φ8×12	220 / 380	25 / 16	6.4	119	31.7	510	32	600	240
1000-1.6	1000	1.6		7×Φ8×12	220 / 380	46 / 25	10.2	191	50.9	510	32		

Notes:

*1、 For MRL only.

*2、 Facing the brake, junction box can be located on the left, right optionally.

*3、 U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.



MONADRIVE®

MONA320A

永磁同步无齿轮曳引机

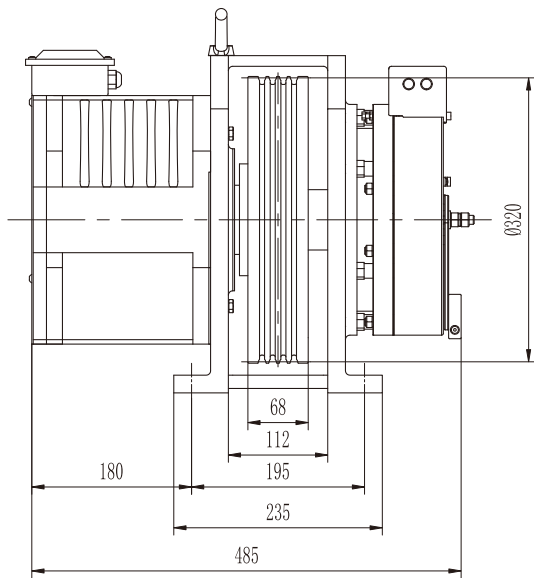
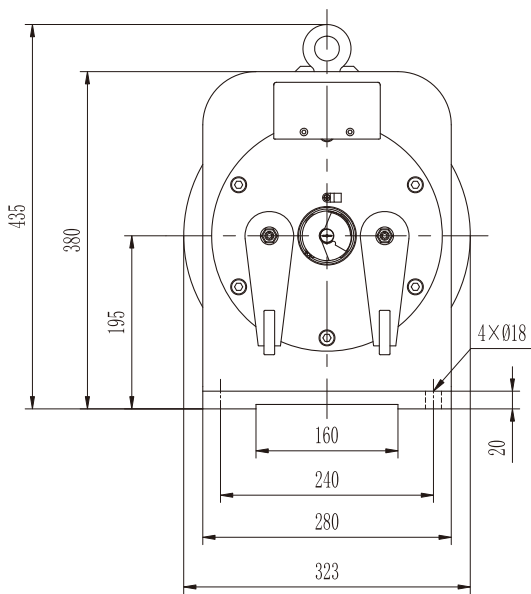
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

电源电压	Voltage	220V / 380V
额定载重	Rated Load	(320~450)kg
曳引轮节径	Sheave Pitch Dia.	Φ320mm
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F

曳 引 比	Traction Ratio	2:1
额定梯速	Elv. Speed	(0.5~1.0)m/s
最大轴静载	Max. Static Shaft Load	2500kg
工 作 制	Duty Cycle	S5-25%
自 重	Weight (Max.)	160kg

制动器型号	Brake Type	EMM600	电压 Voltage / 电流 Current	DC110V / 2.5A
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安装尺寸图 DIMENSIONS



规格表 SPEC.SHEET

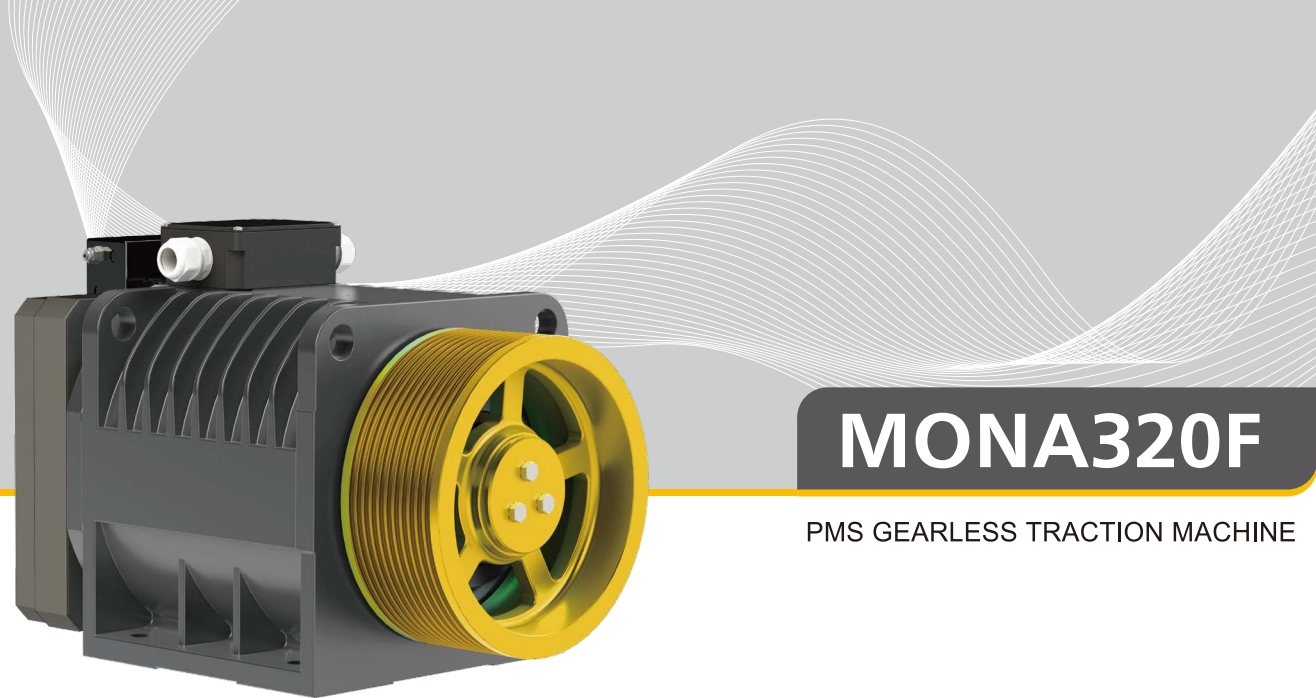
型号	Type	MONA320A									
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	电源电压	额定电流	额定功率	额定转速	额定频率	额定转矩	极数
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m	
Traction ratio 曳引比 2:1											
320-0.5	320	0.5	320	3×Φ8×12	220 / 380	6 / 5	1.0	60	8.0	160	16
320-0.63	320	0.63		3×Φ8×12	220 / 380	6 / 5	1.3	75	10.0	160	16
320-1.0	320	1.0		3×Φ8×12	220 / 380	9 / 6	2.0	119	15.9	160	16
400-0.5	400	0.5	320	4×Φ8×12	220 / 380	8 / 5	1.4	60	8.0	220	16
400-0.63	400	0.63		4×Φ8×12	220 / 380	8 / 5	1.7	75	10.0	220	16
400-1.0	400	1.0		4×Φ8×12	220 / 380	10 / 8	2.7	119	15.9	220	16
450-0.5	450	0.5	320	4×Φ8×12	220 / 380	9 / 6	1.5	60	8.0	240	16
450-0.63	450	0.63		4×Φ8×12	220 / 380	9 / 6	1.9	75	10.0	240	16
450-1.0	450	1.0		4×Φ8×12	220 / 380	11 / 9	3.0	119	15.9	240	16

● 注 Notes:

① *1、本机型只用于无机房。For MRL only.

② *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 *3、绳槽切口角推荐U型，β=90°/γ=30°，可根据客户需求非标切口角度。U-groove,β=90°/γ=30° are the recommended values,Custom notch angles are available.

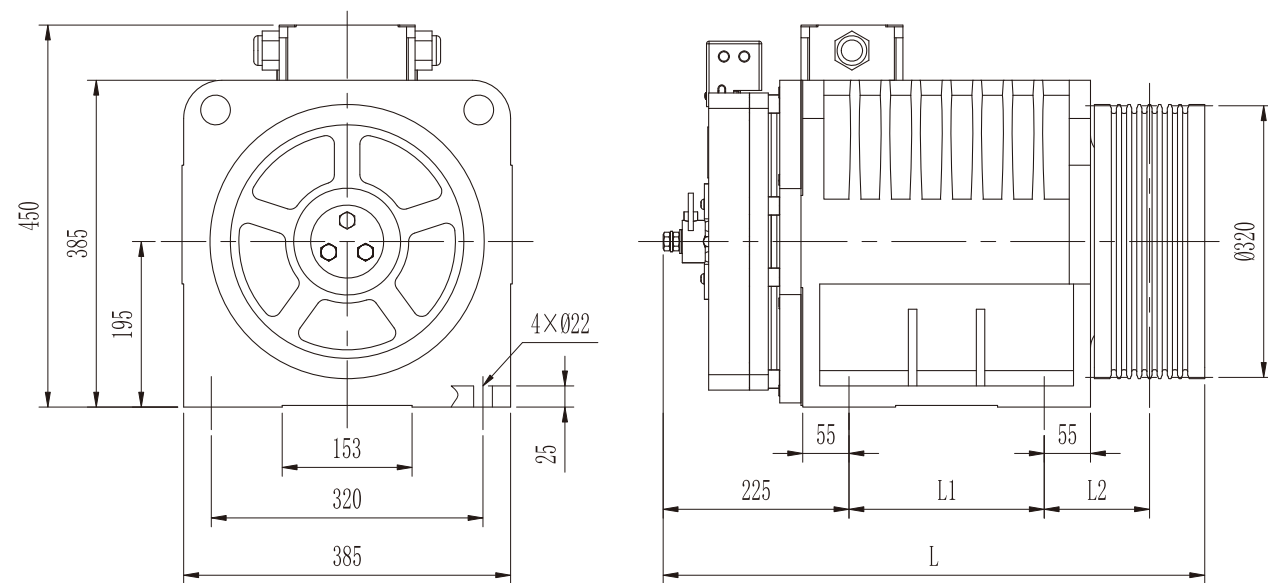


MONA320F

PMS GEARLESS TRACTION MACHINE

● Voltage	380V	● Traction Ratio	2:1
● Rated Load	(1250~2500)kg	● Elv. Speed	(1.0~2.5)m/s
● Sheave Dia.	Φ320mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	10000kg	● Weight(Max.)	380kg
⊙ Brake Type	EMM1K	Voltage / Current	DC110V / 2×1.6A (Standard) DC207V / 2×0.9A (Optional)

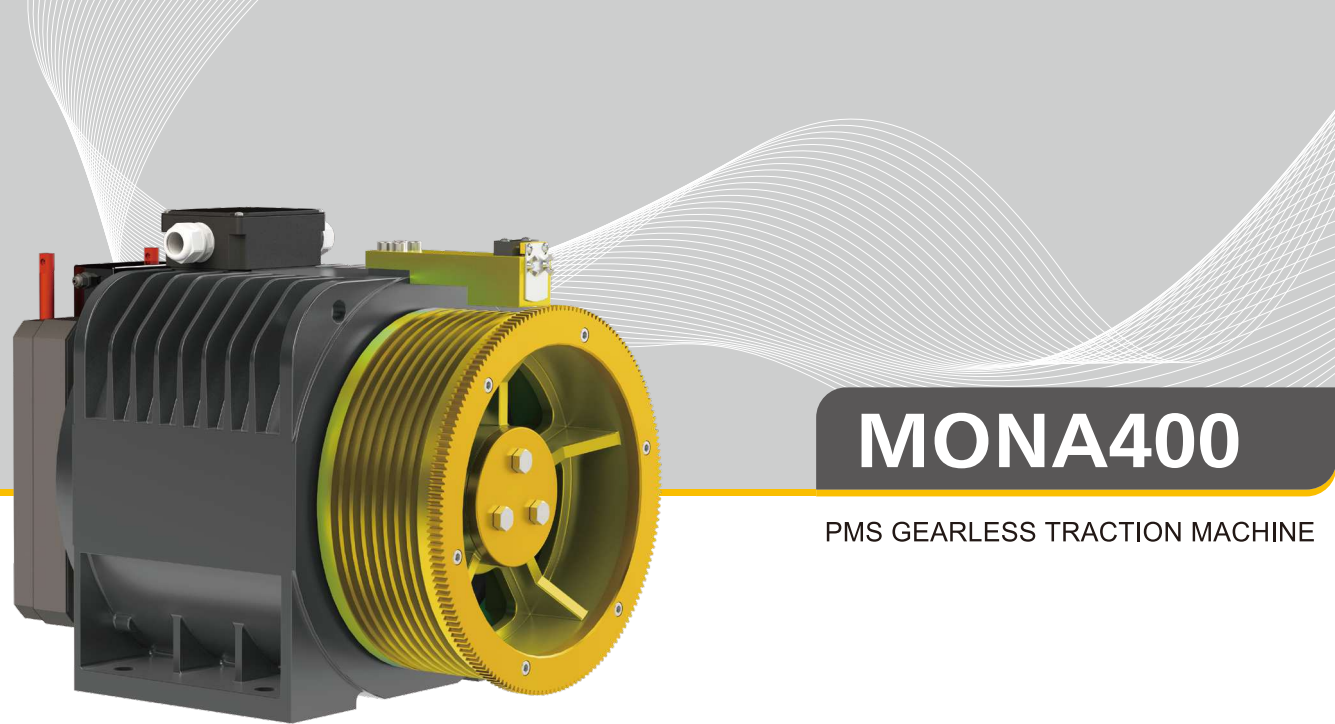
DIMENSIONS



SPEC.SHEET

Type	MONA320F												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 2:1													
1250-1.0	1250	1.0	320	8×Φ8×12	18	8.0	119	15.9	640	16	638	230	124
1250-1.6	1250	1.6		8×Φ8×12	30	12.8	191	25.5	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	638	230	124
1350-1.6	1350	1.6		9×Φ8×12	34	13.8	191	25.5	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	638	230	124
1600-1.6	1600	1.6		10×Φ8×12	40	16.6	191	25.5	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			
2000-1.0	2000	1.0	320	12×Φ8×12	30	13.0	119	15.9	1030	16	880	410	153
2000-1.6	2000	1.6		12×Φ8×12	51	20.8	191	25.5	1030	16			
2000-2.0	2000	2.0		12×Φ8×12	55	26.0	239	31.9	1030	16			
2000-2.5	2000	2.5		12×Φ8×12	71	34.0	298	39.7	1030	16			
2500-1.0	2500	1.0	320	14×Φ8×12	41	16.8	119	15.9	1250	16	880	410	153
2500-1.6	2500	1.6		14×Φ8×12	68	26.5	191	25.5	1250	16			
2500-2.0	2500	2.0		14×Φ8×12	74	33.3	239	31.9	1250	16			
2500-2.5	2500	2.5		14×Φ8×12	88	40.7	298	39.7	1250	16			

- Notes:
✎ *1、 For MRL only.
✎ *2、 U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

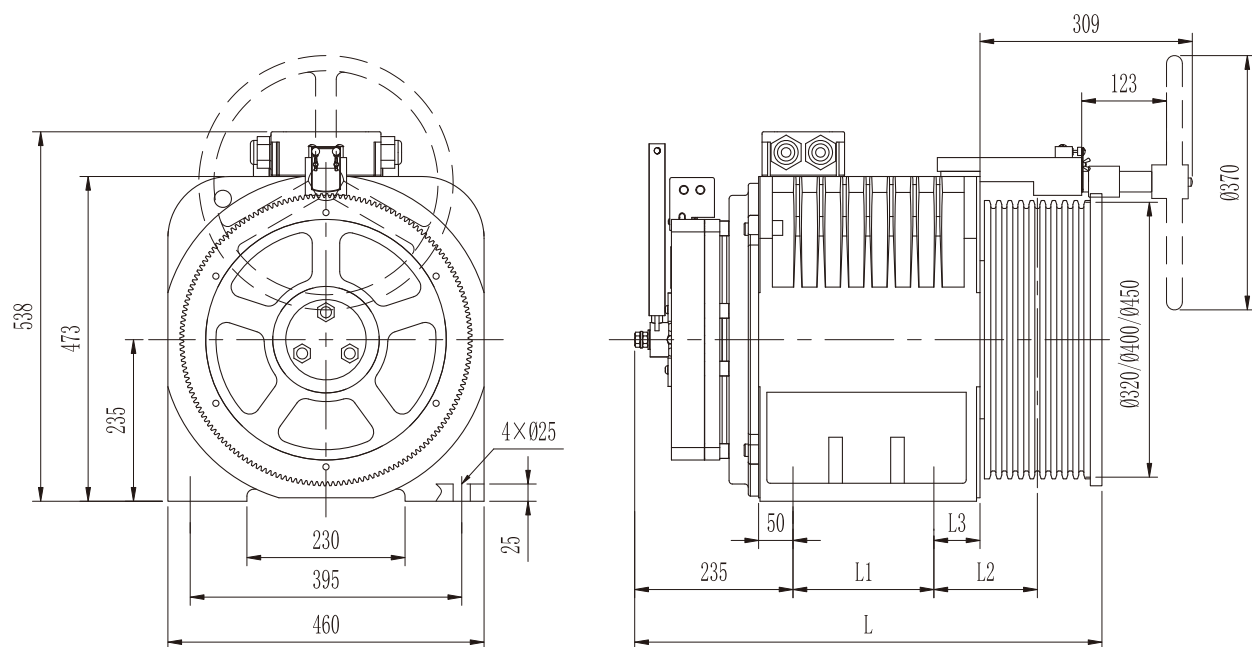


MONA400

PMS GEARLESS TRACTION MACHINE

● Voltage	380V	● Traction Ratio	2:1
● Rated Load	(1150~2000)kg	● Elv. Speed	(1.0~2.5)m/s
● Sheave Dia.	(Φ320/Φ400/Φ450)mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	5500kg	● Weight(Max.)	420kg
⦿ Brake Type	EMM1K	Voltage / Current	DC110V / 2×2.0A (Standard) DC207V / 2×1.2A (Optional)

DIMENSIONS



SPEC.SHEET

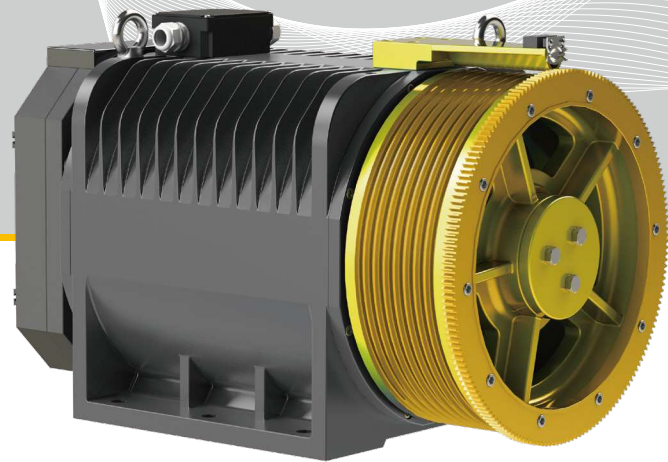


Type	MONA400													
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2	L3
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	mm
Traction Ratio 2:1														
1150-1.0A	1150	1.0	320	6×Φ8×12	18	7.4	119	31.7	590	32	505	130	116.5	57
1150-1.6A	1150	1.6		6×Φ8×12	28	11.8	191	50.9	590	32	505	130	116.5	57
1250-1.0A	1250	1.0	320	7×Φ8×12	19	8.0	119	31.7	640	32	505	130	116.5	57
1250-1.6A	1250	1.6		7×Φ8×12	30	12.8	191	50.9	640	32	505	130	116.5	57
1350-1.0A	1350	1.0	320	8×Φ8×12	20	8.6	119	31.7	690	32	505	130	116.5	57
1350-1.6A	1350	1.6		8×Φ8×12	32	13.8	191	50.9	690	32	505	130	116.5	57
1600-1.0A	1600	1.0	320	9×Φ8×12	24	10.3	119	31.7	830	32	530	130	127	57
1600-1.6A	1600	1.6		9×Φ8×12	39	16.6	191	50.9	830	32	530	130	127	57
2000-1.0	2000	1.0	320	10×Φ8×12	30	13.0	119	31.7	1040	32	540	130	127	57
2000-1.6	2000	1.6		10×Φ8×12	51	20.8	191	50.9	1040	32	540	130	127	57
1150-1.0B	1150	1.0	400	6×Φ10×15	18	7.3	95	25.3	730	32	516	130	116.5	57
1150-1.6B	1150	1.6		6×Φ10×15	29	11.7	153	40.8	730	32	516	130	116.5	57
1150-2.0B	1150	2.0		6×Φ10×15	33	14.6	191	50.9	730	32	516	130	116.5	57
1150-2.5B	1150	2.5		6×Φ10×15	43	18.3	239	63.7	730	32	516	130	116.5	57
1250-1.0B	1250	1.0	400	6×Φ10×15	20	8.0	95	25.3	800	32	570	130	139.5	57
1250-1.6B	1250	1.6		6×Φ10×15	30	12.8	153	40.8	800	32	570	130	139.5	57
1250-2.0B	1250	2.0		6×Φ10×15	36	16.0	191	50.9	800	32	570	130	139.5	57
1250-2.5B	1250	2.5		6×Φ10×15	46	20.0	239	63.7	800	32	570	130	139.5	57
1350-1.0B	1350	1.0	400	7×Φ10×15	21	8.6	95	25.3	860	32	570	130	139.5	57
1350-1.6B	1350	1.6		7×Φ10×15	34	13.8	153	40.8	860	32	570	130	139.5	57
1350-2.0B	1350	2.0		7×Φ10×15	39	17.2	191	50.9	860	32	570	130	139.5	57
1350-2.5B	1350	2.5		7×Φ10×15	50	21.5	239	63.7	860	32	570	130	139.5	57
1600-1.0B	1600	1.0	400	7×Φ10×15	25	10.3	95	25.3	1040	32	570	130	139.5	57
1600-1.6B	1600	1.6		8×Φ10×15	41	16.7	153	40.8	1040	32	570	130	139.5	57
1600-2.0B	1600	2.0		8×Φ10×15	47	20.8	191	50.9	1040	32	570	130	139.5	57
1600-2.5B	1600	2.5		8×Φ10×15	60	26.0	239	63.7	1040	32	570	130	139.5	57
1600-1.0C	1600	1.0	450	7×Φ10×15	25	10.4	85	22.7	1170	32	680	205	150.5	67
1600-1.6C	1600	1.6		8×Φ10×15	41	16.7	136	36.3	1170	32	680	205	150.5	67
1600-2.0C	1600	2.0		8×Φ10×15	48	20.8	170	45.3	1170	32	680	205	150.5	67
1600-2.5C	1600	2.5		8×Φ10×15	58	26	212	56.5	1170	32	680	205	150.5	67

Notes:

*1、Traction machine is also suitable for MRL.

*2、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

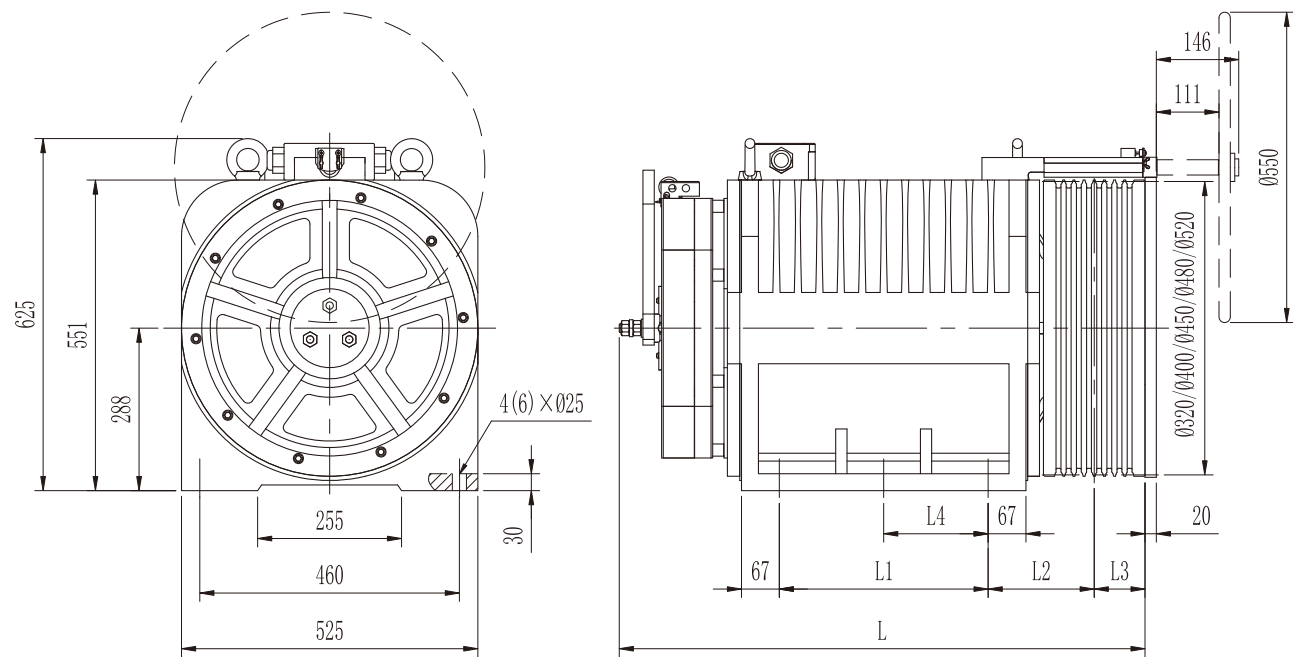


MONA450

PMS GEARLESS TRACTION MACHINE

● Voltage	380V	● Traction Ratio	2:1
● Rated Load	(2000~3500)kg	● Elv. Speed	(1.0~3.0)m/s
● Sheave Dia.	(Φ400/Φ450/Φ480/Φ520)mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	12000kg	● Weight(Max.)	930kg
⊙ Brake Type	EMM2K	Voltage / Current	DC110V / 2×2.5A (Standard) DC207V / 2×1.5A (Optional)

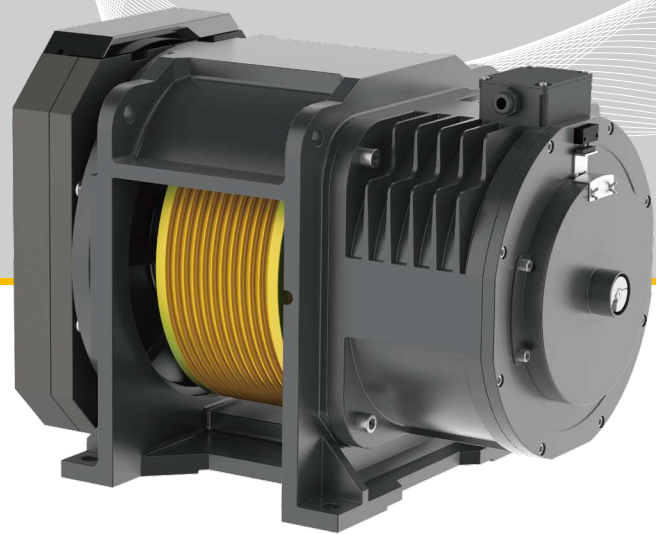
DIMENSIONS



SPEC.SHEET

Type	MONA450														
Spec.	Elv. Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2	L3	L4
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	mm	mm
Traction Ratio 2:1															
2500-1.0	2500	1.0	320	12×Φ8×12	44	16.2	119	31.7	1300	32	665	144	202	75	/
2500-1.6	2500	1.6		12×Φ8×12	63	26.0	191	50.9	1300	32					
2500-2.0	2500	2.0		12×Φ8×12	67	32.5	239	63.7	1300	32					
2000-1.0	2000	1.0	400	9×Φ10×15	29	12.9	95	25.3	1300	32	665	144	195	81.5	/
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	630	144	160	65	/
2000-1.6	2000	1.6		9×Φ10×15	49	20.8	136	36.3	1460	32					
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	700	194	172	77	/
2500-1.6	2500	1.6		9×Φ10×15	62	26.1	136	36.3	1830	32					
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	700	194	180	85	/
2000-1.6	2000	1.6		7×Φ12×17	51	20.7	127	33.9	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					
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	750	254	180	85	127
2500-1.6	2500	1.6		8×Φ12×17	66	25.9	127	33.9	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	101	48.8	239	63.7	1950	32					
3000-1.0	3000	1.0	480	8×Φ12×17	42	19.6	80	21.3	2340	32	810	254	180	85	127
3000-1.6	3000	1.6		8×Φ12×17	73	31.1	127	33.9	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					
2500-1.0	2500	1.0	520	7×Φ13×18	38	16.1	73	19.5	2110	32	766	254	188	90	127
2500-1.6	2500	1.6		7×Φ13×18	61	26.1	118	31.5	2110	32					
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	520	8×Φ13×18	45	19.3	73	19.5	2530	32	884	314	188	90	157
3000-1.6	3000	1.6		8×Φ13×18	71	31.3	118	31.5	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					
3000-2.5	3000	2.5		8×Φ13×18	126	58.3	220	58.7	2530	32					

- Notes:
- ✎ *1、Traction machine is also suitable for MRL.
- ✎ *2、MRL: Electric brake release required.
- ✎ *3、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

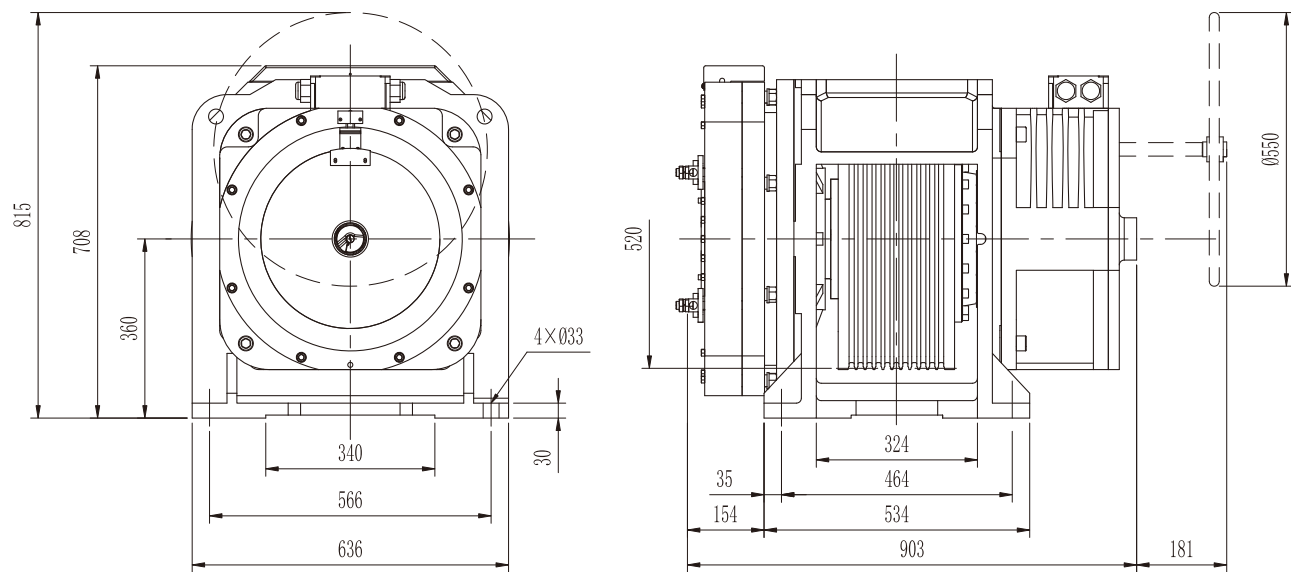


MONA520A

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	2:1
• Rated Load	(3500~5000)kg	• Elv. Speed	(1.0~2.0)m/s
• Sheave Dia.	Φ520mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	16000kg	• Weight(Max.)	580kg
⊙ Brake Type	EMM6K	Voltage / Current	DC110V / 2×2.6A (Standard) DC207V / 2×1.4A (Optional)

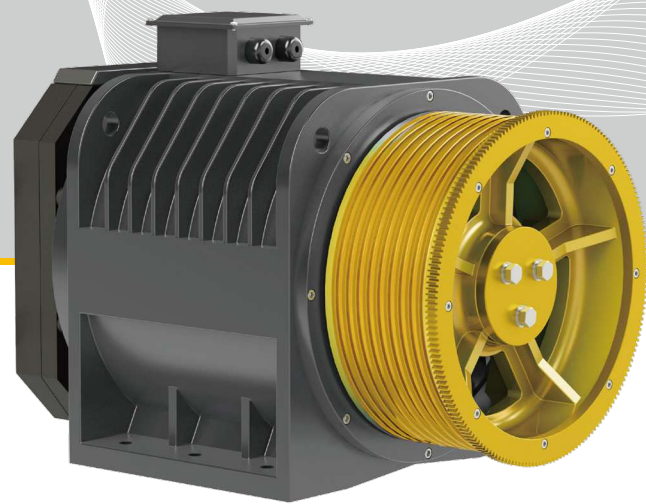
DIMENSIONS



SPEC.SHEET

Type	MONA520A									
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N-m	
Traction Ratio 2:1										
3500-1.0	3500	1.0	520	9×Φ13×18	50	22.9	327	54.5	2950	20
3500-1.6	3500	1.6		9×Φ13×18	84	36.7	523	87.2	2950	20
3500-2.0	3500	2.0		9×Φ13×18	97	46.1	657	87.6	2950	16
4000-1.0	4000	1.0	520	10×Φ13×18	58	26.4	327	54.5	3380	20
4000-1.6	4000	1.6		10×Φ13×18	96	42.2	523	87.2	3380	20
4000-2.0	4000	2.0		10×Φ13×18	112	53.0	657	87.6	3380	16
4500-1.0	4500	1.0	520	10×Φ13×18	65	29.4	327	54.5	3800	20
4500-1.6	4500	1.6		10×Φ13×18	107	47.1	523	87.2	3800	20
4500-2.0	4500	2.0		10×Φ13×18	125	59.2	657	87.6	3800	16
5000-1.0	5000	1.0	520	11×Φ13×18	72	32.9	327	54.5	4220	20
5000-1.6	5000	1.6		11×Φ13×18	120	52.6	523	87.2	4220	20
5000-2.0	5000	2.0		11×Φ13×18	138	64.7	657	87.6	4220	16

- Notes:
- ✎ *1、Traction machine is also suitable for MRL.
 - ✎ *2、MRL: Electric brake release required.
 - ✎ *3、Machine room: side wall distance ≥ 500mm for brake release.
 - ✎ *4、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

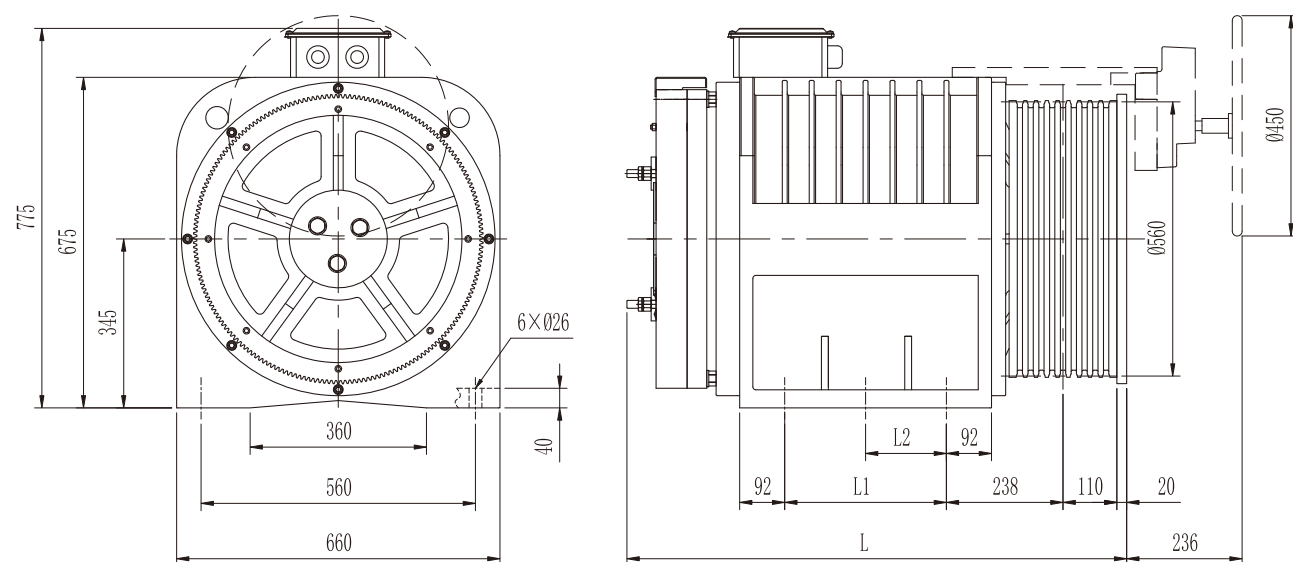


MONA560

PMS GEARLESS TRACTION MACHINE

• Voltage	380V	• Traction Ratio	2:1
• Rated Load	(3500~5000)kg	• Elv. Speed	(1.0~3.0)m/s
• Sheave Dia.	Φ560mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	14000kg	• Weight(Max.)	1200kg
⦿ Brake Type	EMM6K	Voltage / Current	DC110V / 2×2.6A (Standard) DC207V / 2×1.4A (Optional)

DIMENSIONS



SPEC.SHEET

Type	MONA560												
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1	L2
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm
Traction Ratio 2:1													
3500-1.0	3500	1.0	560	9×Φ13×18	55	22.9	68	11.3	3220	20	915	280	140
3500-1.6	3500	1.6		9×Φ13×18	93	36.8	109	18.2	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	915	280	140
4000-1.6	4000	1.6		10×Φ13×18	106	42.0	109	18.2	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	1020	330	165
4500-1.6	4500	1.6		10×Φ13×18	119	47.3	109	18.2	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	1020	330	165
5000-1.6	5000	1.6		11×Φ13×18	132	52.5	109	18.2	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			

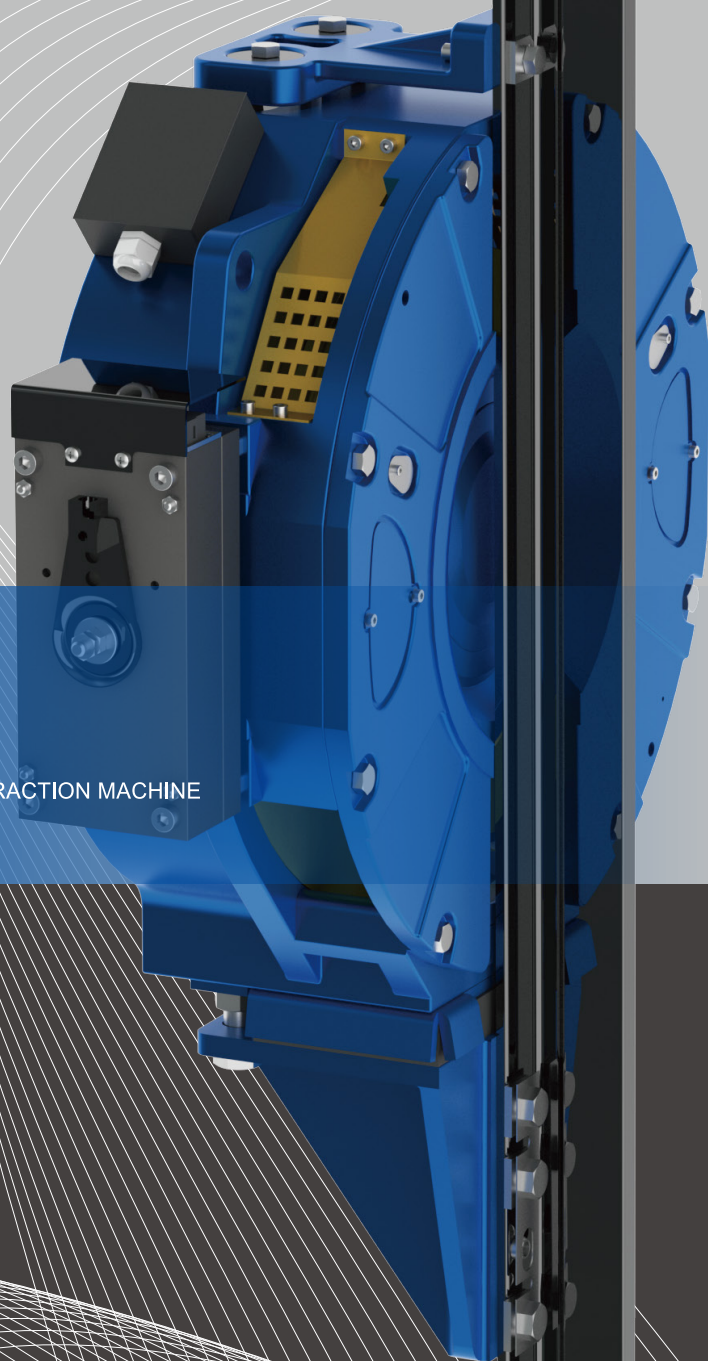
- Notes:
- ✎ *1、Traction machine is also suitable for MRL.
- ✎ *2、MRL: Electric brake release required.
- ✎ *3、Machine room: side wall distance ≥ 500mm for brake release.
- ✎ *4、U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

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 ●

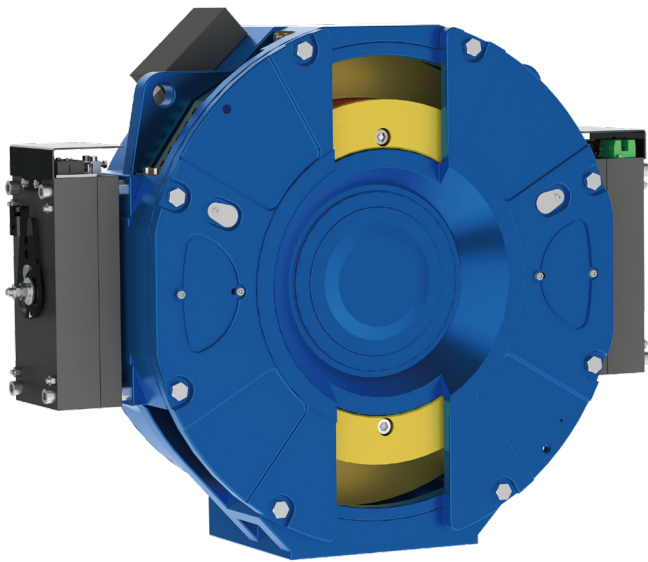
MONADRIVE®

40

MCB100^a

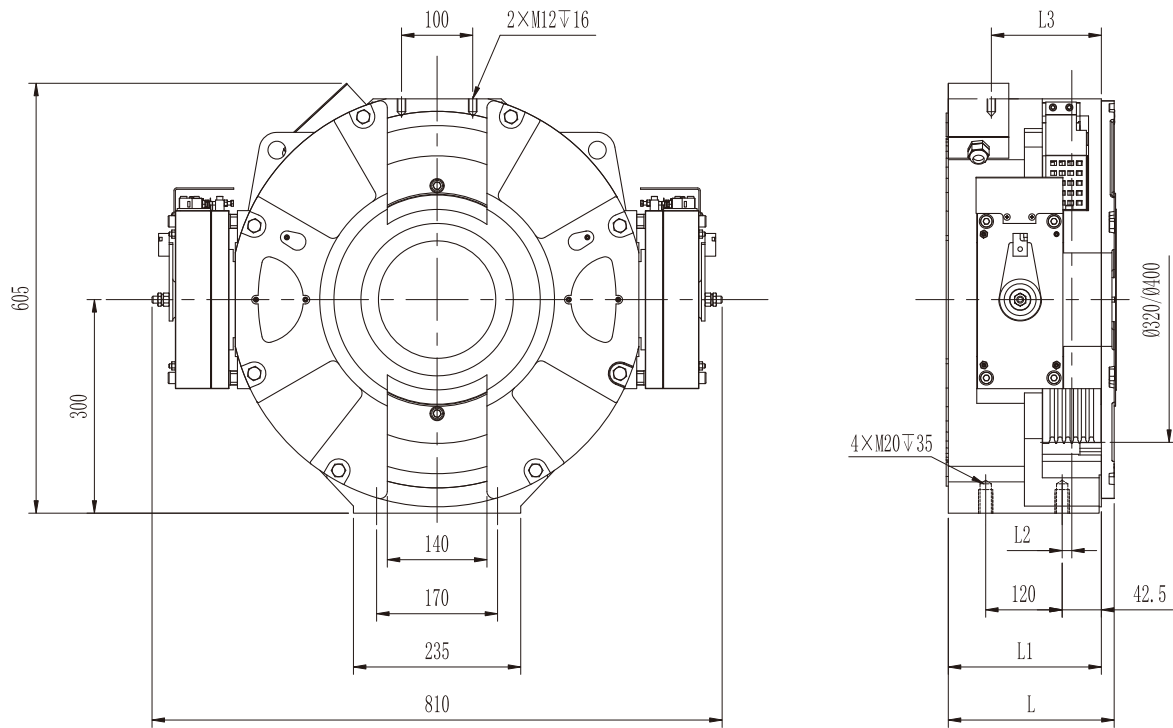
永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(630~1000)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Pitch Dia.	(Φ320/Φ400)mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	2500kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	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

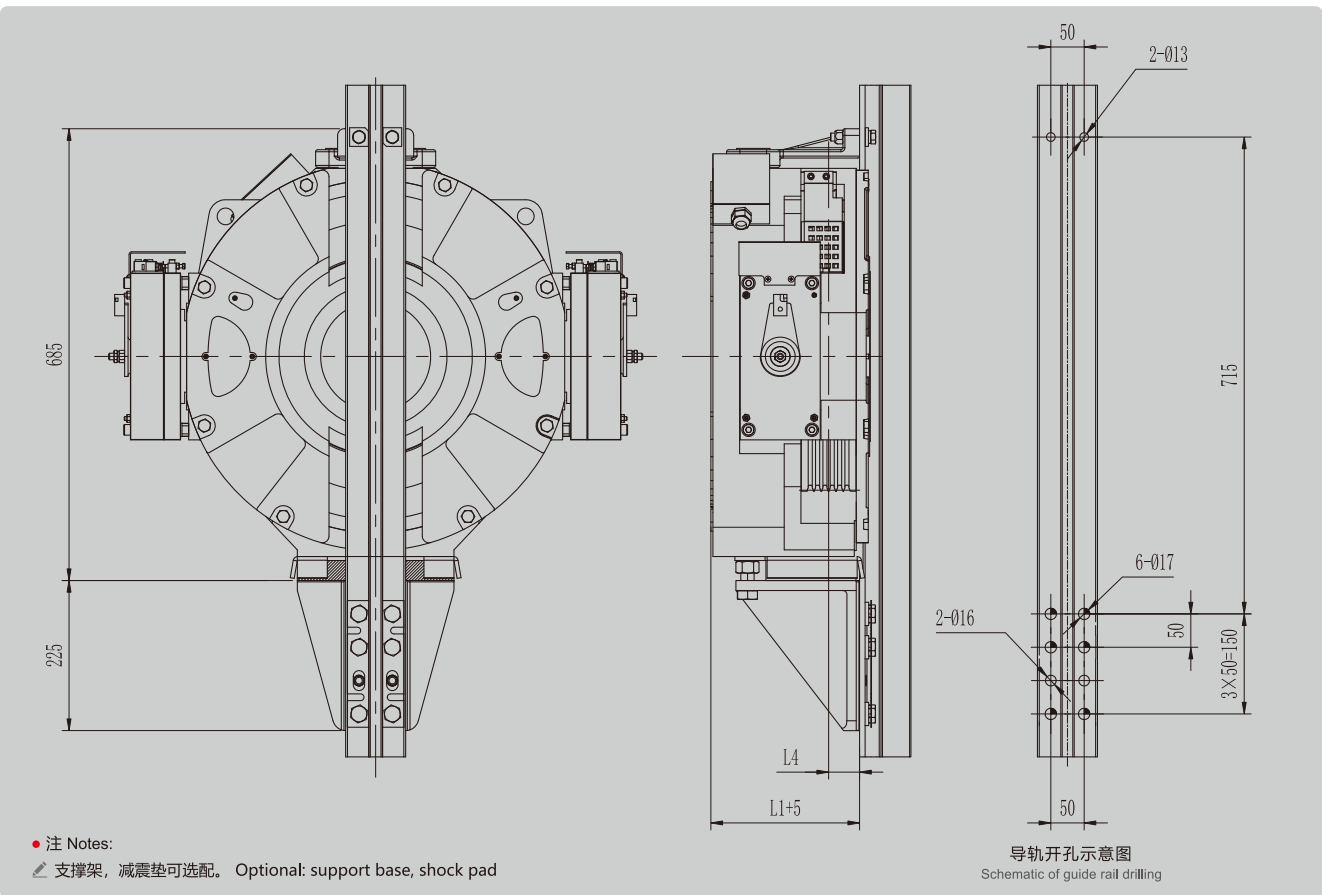
型号	Type	MCB100										L	L1	L2	L3	L4
规格	额定载重	额定梯速	曳引轮节径	曳引轮绳槽	额定电流	额定功率	额定转速	额定频率	额定转矩	极数						
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles						
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm	mm	mm	mm	mm
Traction Ratio 曳引比 2:1																
630-1.0A	630	1.0	320	4×Φ8×11	11	4.0	119	31.7	320	32	205	185	7.5	40	160	
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	40	160	
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	40	160	
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	/	46.5	175.5	
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	/	46.5	175.5	
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。For MRL only.

✎ *2、绳槽切口角推荐U型，β=95°/γ=30°，可根据客户需求非标切口角度。U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

安装示意图 DIMENSIONS



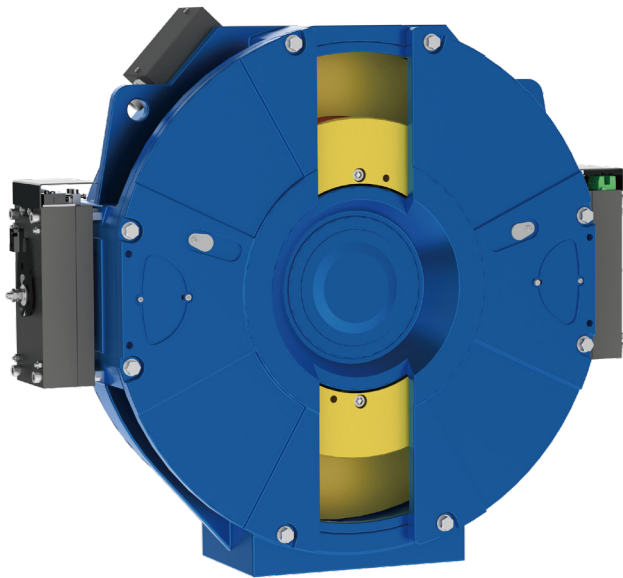
● 注 Notes:

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

MCB200^a

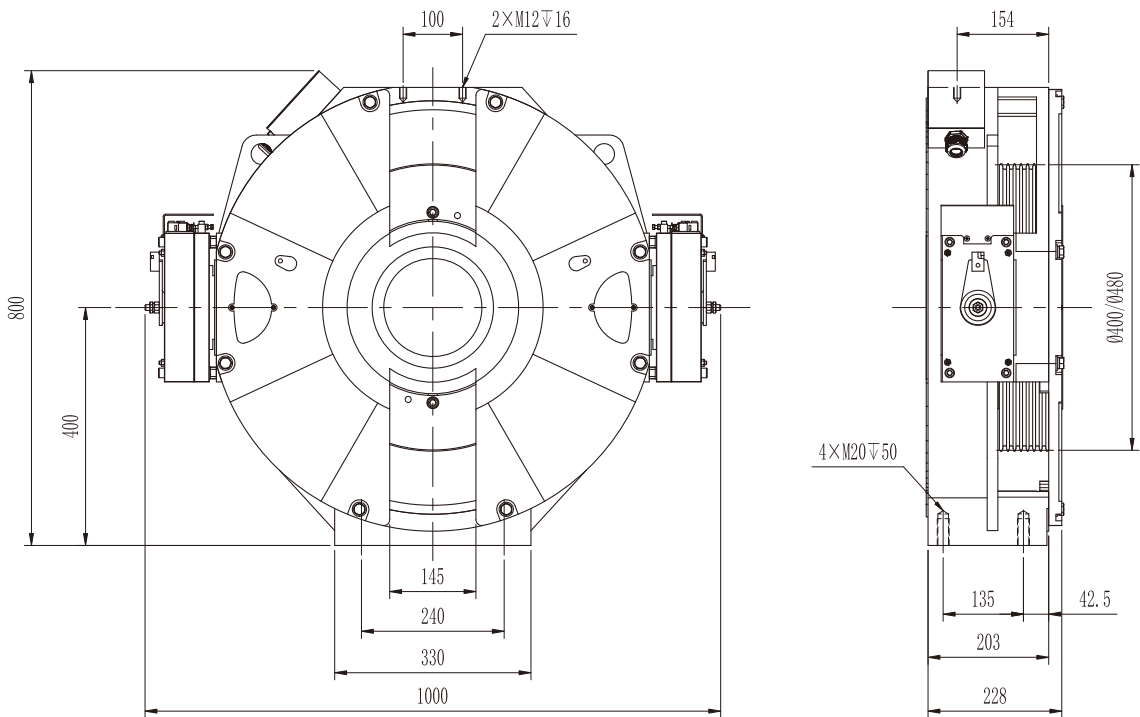
永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(800~1250)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Pitch Dia.	(Φ400/Φ480)mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	3500kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	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

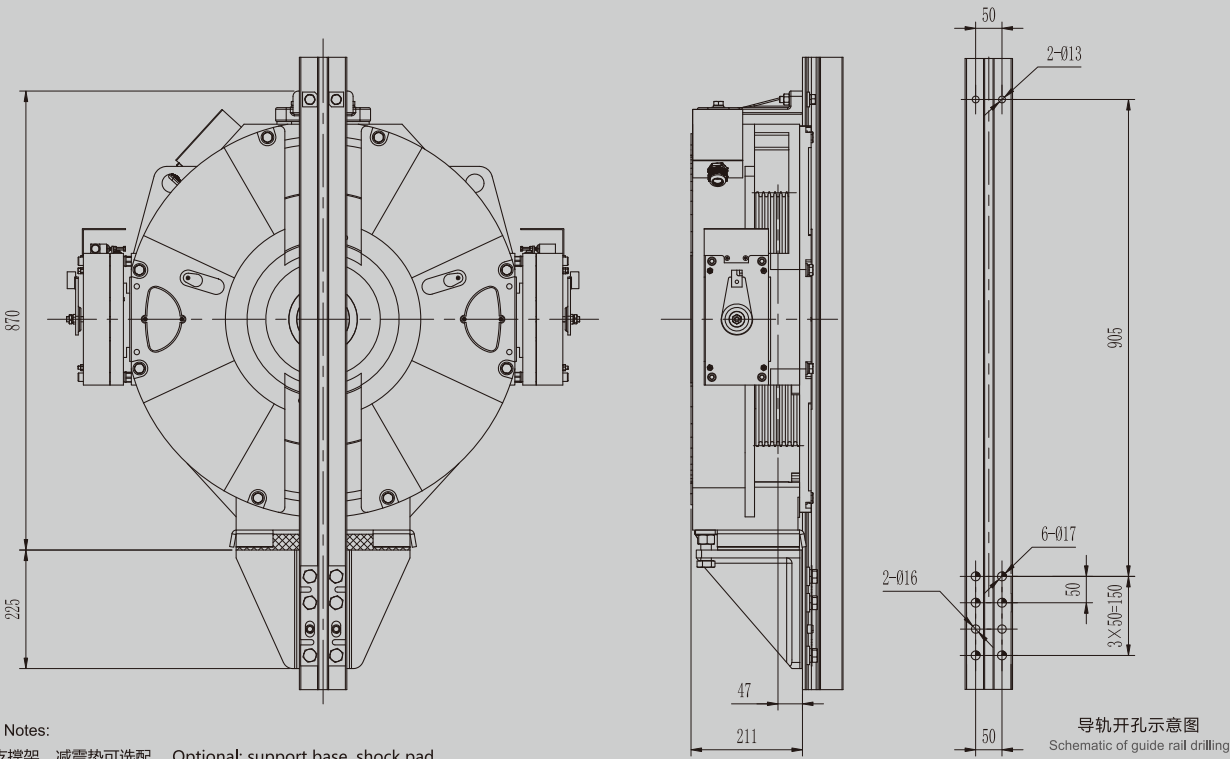


规格表 SPEC.SHEET

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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 2:1										
800-1.0	800	1.0	400	5×Φ8×11	12	5.1	95	31.7	510	40
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	30	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。For MRL only.
✎ *2、绳槽切口角推荐U型，β=95°/γ=30°，可根据客户需求非标切口角度。U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

安装示意图 DIMENSIONS

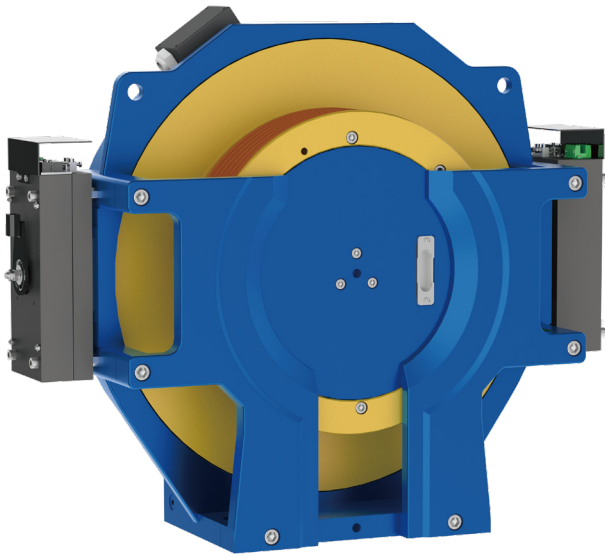


● 注 Notes:
✎ 支撑架，减震垫可选配。Optional: support base, shock pad

MCB300

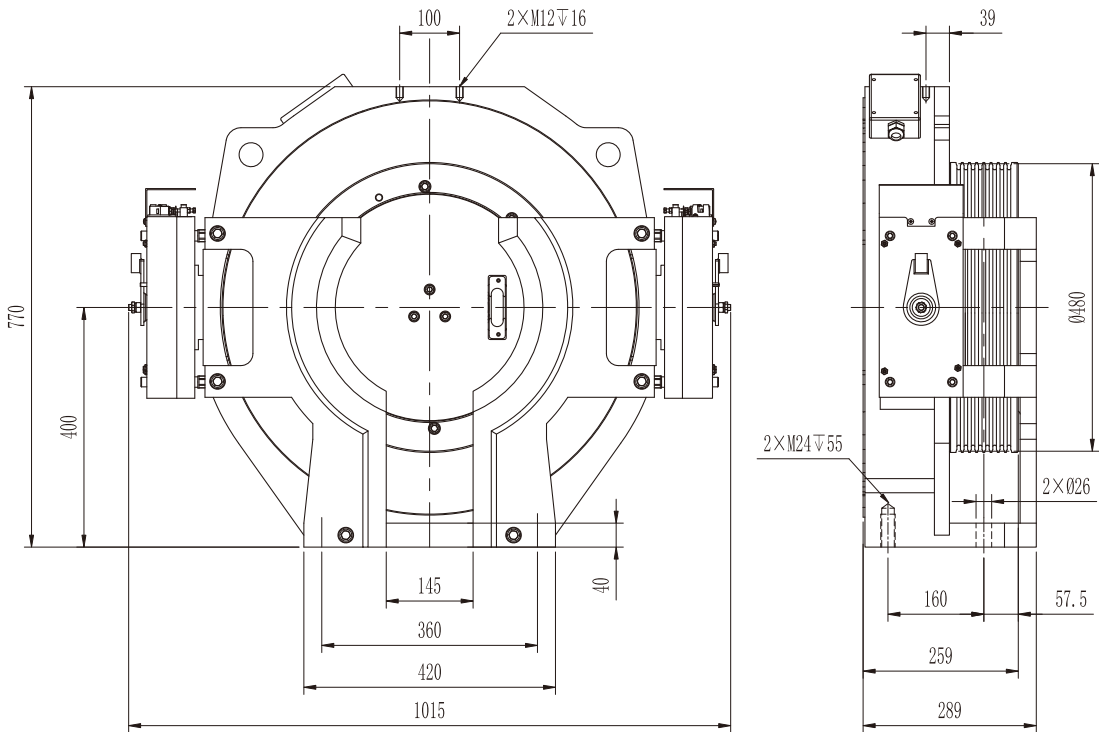
永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(1350~1600)kg
● 额定梯速	Elv. Speed	(1.0~1.75)m/s
● 曳引轮节径	Sheave Pitch Dia.	Φ480mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	4500kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	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

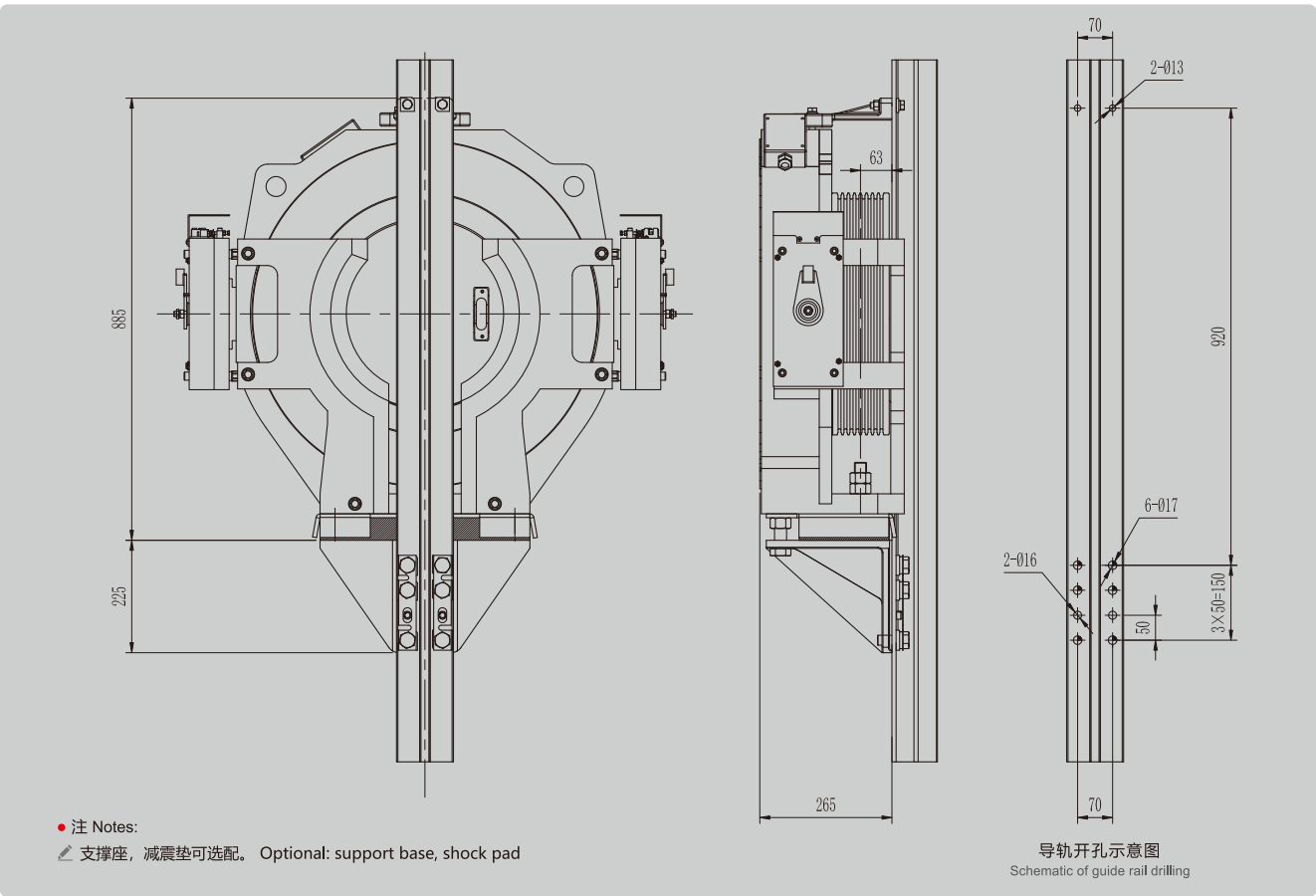


规格表 SPEC.SHEET

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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	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
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。For MRL only.
- ✍ *2、本机型标配正余弦磁环编码器。Standard configuration:sin&cos encoder.
- ✍ *3、绳槽切口角推荐U型，β=95°/γ=30°，可根据客户需求非标切口角度。U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

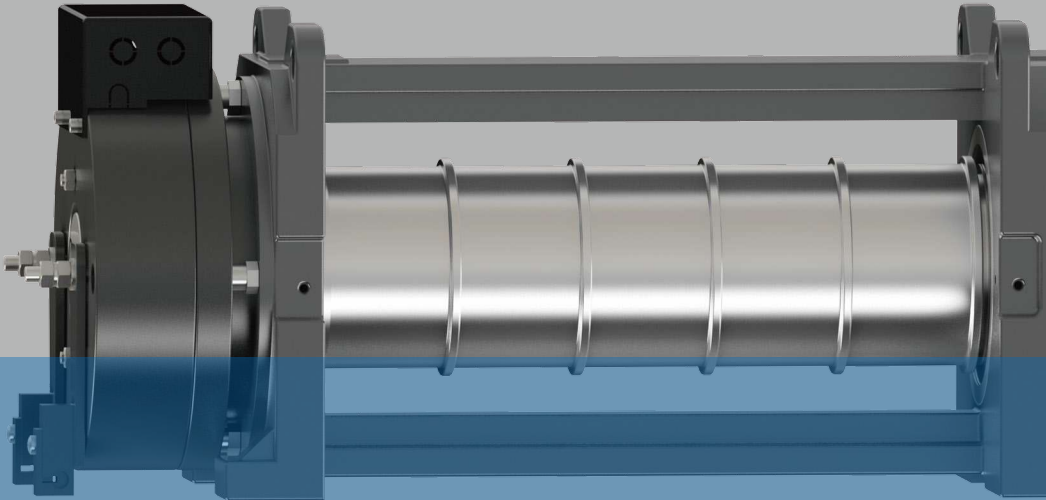
安装示意图 DIMENSIONS



MONADRIVE®

MGD

PMS GEARLESS BELT TRACTION MACHINE



MONADRIVE®

MGD SERIES INCLUDES

Load (320~450) kg Speed (0.4~1.0) m/s	MGD100N ^② , MGD100N ^③ , MGD100N ^④ ●
Load (450~1000) kg Speed (1.0~1.75) m/s	MGD100K ^④ ●
Load (800~1150) kg Speed (1.0~2.0) m/s	MGD100K ^④ ●
Load (1250~1350) kg Speed (1.0~2.0) m/s	MGD100K ^④ ●
Load (1350~2500) kg Speed (1.0~2.5) m/s	MGD120 ●

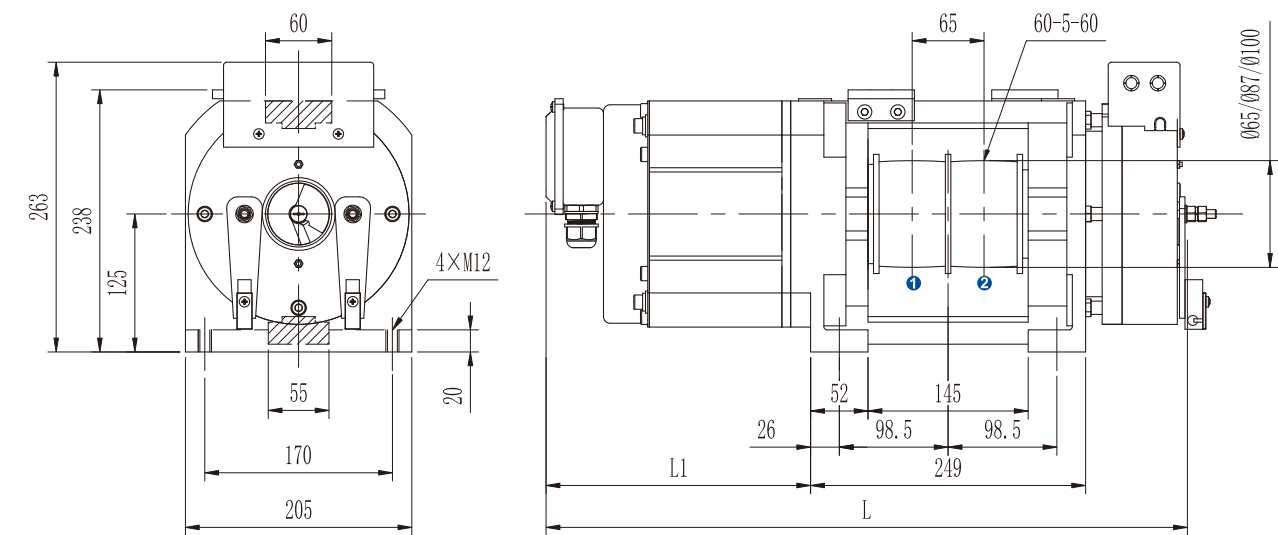


MGD100 ^{N2}

PMS GEARLESS BELT TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	1:1 / 2:1
● Rated Load	(320~630)kg	● Elv. Speed	(0.3~1.0)m/s
● Belt Sheave Dia.	(Φ65/Φ87/Φ100)mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2500kg	● Weight(Max.)	75kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

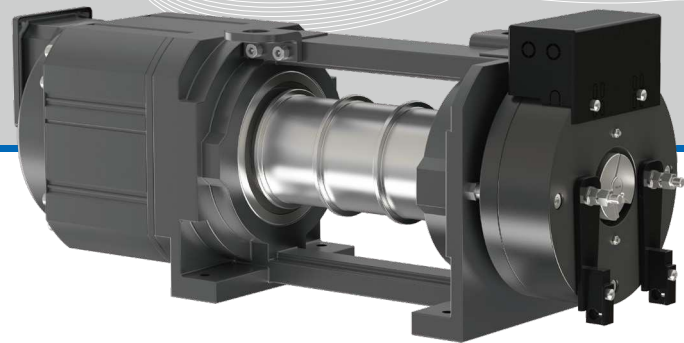
DIMENSIONS



SPEC.SHEET

Type	MGD100N2													
Spec.	Load	Elv. Speed	Belt Sheave Dia.	Belt Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1	
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm	
Traction ratio 2:1														
320-0.3A	320	0.3	65	2×60	220 / 380	4	0.6	176	14.7	30	10	535	170	
320-0.4A	320	0.4		2×60	220 / 380	4	0.7	235	19.6	30	10			
320-0.5A	320	0.5		2×60	220 / 380	4	0.9	294	24.5	30	10			
320-0.63A	320	0.63		2×60	220 / 380	7 / 4	1.2	370	30.8	30	10			
400-0.3A	400	0.3	65	2×60	220 / 380	5	0.7	176	14.7	40	10	535	170	
400-0.4A	400	0.4		2×60	220 / 380	5	1.0	235	19.6	40	10			
400-0.5A	400	0.5		2×60	220 / 380	5	1.2	294	24.5	40	10			
400-0.63A	400	0.63		2×60	220 / 380	9 / 5	1.5	370	30.8	40	10			
450-0.3A	450	0.3	65	2×60	220 / 380	5	0.9	176	14.7	50	10	535	170	
450-0.4A	450	0.4		2×60	220 / 380	5	1.2	235	19.6	50	10			
450-0.5A	450	0.5		2×60	220 / 380	6	1.5	294	24.5	50	10			
450-0.63A	450	0.63		2×60	220 / 380	10 / 6	1.9	370	30.8	50	10			
320-0.3B	320	0.3	87	2×60	220 / 380	4	0.6	132	11.0	40	10	535	170	
320-0.4B	320	0.4		2×60	220 / 380	4	0.7	176	14.7	40	10			
320-0.5B	320	0.5		2×60	220 / 380	7 / 4	0.9	220	18.3	40	10			
320-0.63B	320	0.63		2×60	220 / 380	7 / 4	1.2	277	23.1	40	10			
320-1.0B	320	1.0	87	2×60	220 / 380	10 / 7	1.8	439	36.6	40	10	535	170	
400-0.3B	400	0.3		2×60	220 / 380	5	0.8	132	11.0	55	10			
400-0.4B	400	0.4		2×60	220 / 380	5	1.0	176	14.7	55	10			
400-0.5B	400	0.5		2×60	220 / 380	8 / 5	1.3	220	18.3	55	10			
400-0.63B	400	0.63	87	2×60	220 / 380	8 / 5	1.6	277	23.1	55	10	535	170	
400-1.0B	400	1.0		2×60	220 / 380	12 / 8	2.5	439	36.6	55	10			
450-0.3B	450	0.3		2×60	220 / 380	6	0.8	132	11.0	60	10			
450-0.4B	450	0.4		2×60	220 / 380	6	1.1	176	14.7	60	10			
450-0.5B	450	0.5	87	2×60	220 / 380	9 / 6	1.4	220	18.3	60	10	535	170	
450-0.63B	450	0.63		2×60	220 / 380	9 / 6	1.7	277	23.1	60	10			
450-1.0B	450	1.0		2×60	220 / 380	14 / 9	2.8	439	36.6	60	10			
320-0.3C	320	0.3	100	2×60	220 / 380	4	0.6	115	9.6	50	10	545	180	
320-0.4C	320	0.4		2×60	220 / 380	4	0.8	153	12.8	50	10			
320-0.5C	320	0.5		2×60	220 / 380	7 / 4	1.0	191	15.9	50	10			
320-0.63C	320	0.63		2×60	220 / 380	7 / 4	1.3	241	20.1	50	10			
320-1.0C	320	1.0	100	2×60	220 / 380	9 / 7	2.0	382	31.8	50	10	565	200	
400-0.3C	400	0.3		2×60	220 / 380	5	0.7	115	9.6	60	10			
400-0.4C	400	0.4		2×60	220 / 380	5	1.0	153	12.8	60	10			
400-0.5C	400	0.5		2×60	220 / 380	8 / 5	1.2	191	15.9	60	10			
400-0.63C	400	0.63	100	2×60	220 / 380	8 / 5	1.5	241	20.1	60	10	565	200	
400-1.0C	400	1.0		2×60	220 / 380	12 / 8	2.4	382	31.8	60	10			
450-0.3C	450	0.3		2×60	220 / 380	5	0.8	115	9.6	70	10			
450-0.4C	450	0.4		2×60	220 / 380	8 / 5	1.1	153	12.8	70	10			
450-0.5C	450	0.5	100	2×60	220 / 380	8 / 5	1.4	191	15.9	70	10	565	200	
450-0.63C	450	0.63		2×60	220 / 380	8 / 5	1.8	241	20.1	70	10			
450-1.0C	450	1.0		2×60	220 / 380	12 / 8	2.8	382	31.8	70	10			
630-0.3C	630	0.3		100	2×60	220 / 380	7	1.2	115	9.6	100	10	585	220
630-0.4C	630	0.4	2×60		220 / 380	11 / 7	1.6	153	12.8	100	10			
630-0.5C	630	0.5	2×60		220 / 380	11 / 7	2.0	191	15.9	100	10			
630-0.63C	630	0.63	2×60		220 / 380	11 / 7	2.5	241	20.1	100	10			
630-1.0C	630	1.0	100	2×60	220 / 380	16 / 11	4.0	382	31.8	100	10	585	220	
Traction ratio 1:1														
320-0.4D	320	0.4		100	2×60	220 / 380	6 / 4	0.8	76	6.3	100	10	605	240
320-1.0D	320	1.0			2×60	220 / 380	9 / 6	2.0	191	15.9	100	10		
400-0.4D	400	0.4	100	2×60	220 / 380	7 / 5	1.0	76	6.3	130	10	605	240	
400-1.0D	400	1.0		2×60	220 / 380	12 / 7	2.6	191	15.9	130	10			

● Notes:
✍ *1、 For MRL only.

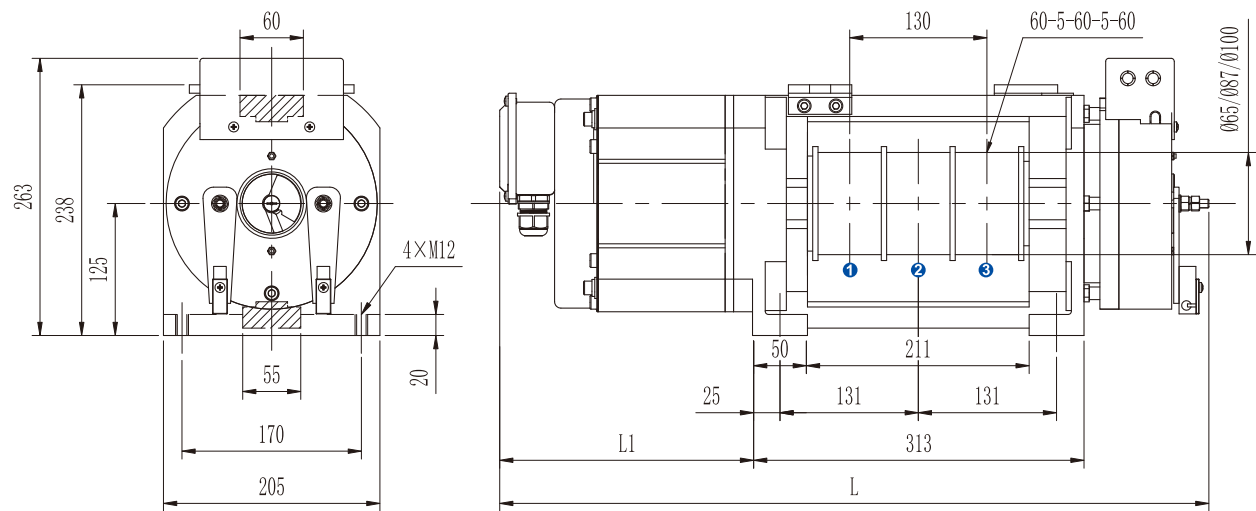


MGD100 ^{N3}

PMS GEARLESS BELT TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	1:1 / 2:1
● Rated Load	(320~630)kg	● Elv. Speed	(0.3~1.0)m/s
● Belt Sheave Dia.	(Φ65/Φ87/Φ100)mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2500kg	● Weight(Max.)	95kg
⦿ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS

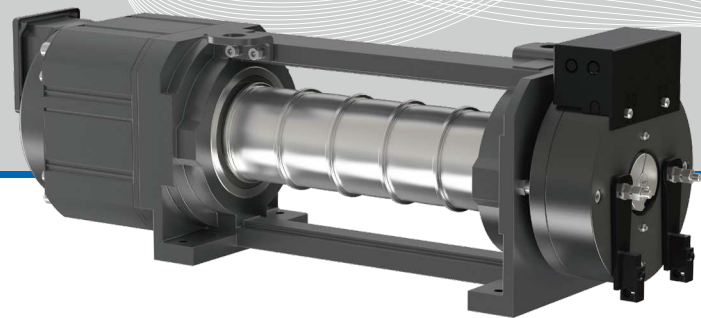


SPEC.SHEET



Type	MGD100N3												
Spec.	Load	Elv. Speed	Belt Sheave Dia.	Belt Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N-m		mm	mm
Traction ratio 2:1													
(320~450)kg			65	Refer to MGD100N2								600	170
(320~450)kg			87	Refer to MGD100N2								600	170
320-0.3C	320	0.3	100	2×60	220 / 380	4	0.6	115	9.6	50	10	610	180
320-0.4C	320	0.4		2×60	220 / 380	4	0.8	153	12.8	50	10		
320-0.5C	320	0.5		2×60	220 / 380	7 / 4	1.0	191	15.9	50	10		
320-0.63C	320	0.63		2×60	220 / 380	7 / 4	1.3	241	20.1	50	10	630	200
320-1.0C	320	1.0		2×60	220 / 380	9 / 7	2.0	382	31.8	50	10		
400-0.3C	400	0.3	100	2×60	220 / 380	5	0.7	115	9.6	60	10	610	180
400-0.4C	400	0.4		2×60	220 / 380	5	1.0	153	12.8	60	10		
400-0.5C	400	0.5		2×60	220 / 380	8 / 5	1.2	191	15.9	60	10	630	200
400-0.63C	400	0.63		2×60	220 / 380	8 / 5	1.5	241	20.1	60	10		
400-1.0C	400	1.0		2×60	220 / 380	12 / 8	2.4	382	31.8	60	10		
450-0.3C	450	0.3	100	2×60	220 / 380	5	0.8	115	9.6	70	10	630	200
450-0.4C	450	0.4		2×60	220 / 380	8 / 5	1.1	153	12.8	70	10		
450-0.5C	450	0.5		2×60	220 / 380	8 / 5	1.4	191	15.9	70	10		
450-0.63C	450	0.63		2×60	220 / 380	8 / 5	1.8	241	20.1	70	10		
450-1.0C	450	1.0		2×60	220 / 380	12 / 8	2.8	382	31.8	70	10	650	220
630-0.3C	630	0.3	100	3×60	220 / 380	7	1.2	115	9.6	100	10	650	220
630-0.4C	630	0.4		3×60	220 / 380	11 / 7	1.6	153	12.8	100	10		
630-0.5C	630	0.5		3×60	220 / 380	11 / 7	2.0	191	15.9	100	10		
630-0.63C	630	0.63		3×60	220 / 380	11 / 7	2.5	241	20.1	100	10		
630-1.0C	630	1.0		3×60	220 / 380	16 / 11	4.0	382	31.8	100	10		
Traction ratio 1:1													
320-0.4D	320	0.4	100	3×60	220 / 380	6 / 4	0.8	76	6.3	100	10	670	240
320-1.0D	320	1.0		3×60	220 / 380	9 / 6	2.0	191	15.9	100	10		
400-0.4D	400	0.4	100	3×60	220 / 380	7 / 5	1.0	76	6.3	130	10	670	240
400-1.0D	400	1.0		3×60	220 / 380	12 / 7	2.6	191	15.9	130	10		

● Notes:
✎ *1. For MRL only.

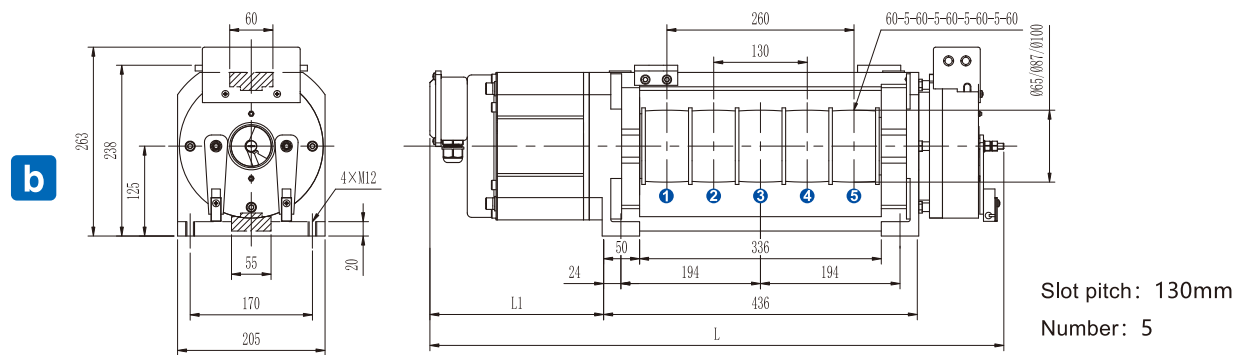
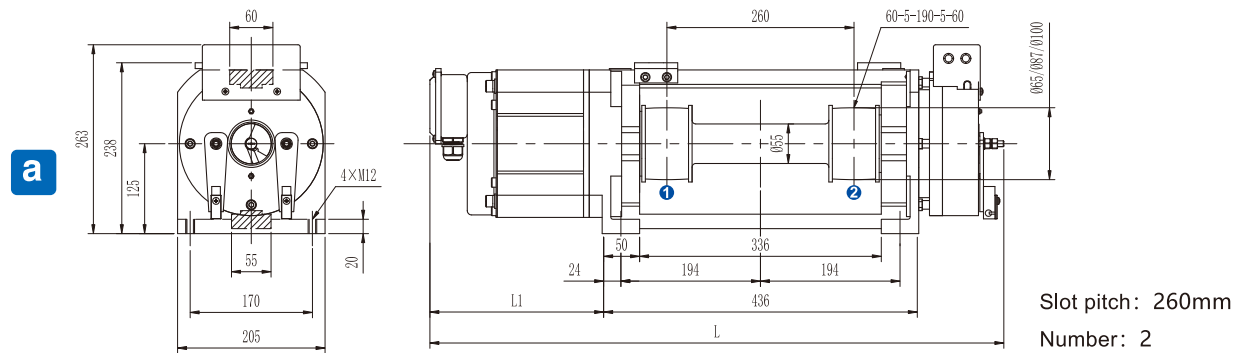


MGD100 ^{N5}

PMS GEARLESS BELT TRACTION MACHINE

• Voltage	220V / 380V	• Traction Ratio	1:1 / 2:1
• Rated Load	(320~630)kg	• Elv. Speed	(0.3~1.0)m/s
• Belt Sheave Dia.	(Φ65/Φ87/Φ100)mm	• Duty Cycle / Starts Per Hour	S5-25% / 180st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	2500kg	• Weight(Max.)	100kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS

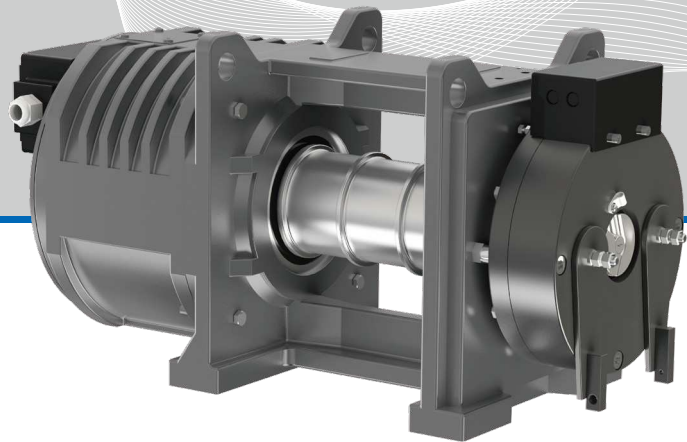


SPEC.SHEET



Type	MGD100N5												
Spec.	Load	Elv. Speed	Belt Sheave Dia.	Belt Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction ratio 2:1													
(320~450)kg			65	Refer to MGD100N2								730	170
(320~450)kg			87	Refer to MGD100N2								730	170
320-0.3C	320	0.3	100	2×60	220 / 380	4	0.6	115	9.6	50	10	740	180
320-0.4C	320	0.4		2×60	220 / 380	4	0.8	153	12.8	50	10		
320-0.5C	320	0.5		2×60	220 / 380	7 / 4	1.0	191	15.9	50	10		
320-0.63C	320	0.63		2×60	220 / 380	7 / 4	1.3	241	20.1	50	10	760	200
320-1.0C	320	1.0		2×60	220 / 380	9 / 7	2.0	382	31.8	50	10		
400-0.3C	400	0.3	100	2×60	220 / 380	5	0.7	115	9.6	60	10	740	180
400-0.4C	400	0.4		2×60	220 / 380	5	1.0	153	12.8	60	10		
400-0.5C	400	0.5		2×60	220 / 380	8 / 5	1.2	191	15.9	60	10		
400-0.63C	400	0.63		2×60	220 / 380	8 / 5	1.5	241	20.1	60	10	760	200
400-1.0C	400	1.0		2×60	220 / 380	12 / 8	2.4	382	31.8	60	10		
450-0.3C	450	0.3	100	2×60	220 / 380	5	0.8	115	9.6	70	10	760	200
450-0.4C	450	0.4		2×60	220 / 380	8 / 5	1.1	153	12.8	70	10		
450-0.5C	450	0.5		2×60	220 / 380	8 / 5	1.4	191	15.9	70	10		
450-0.63C	450	0.63		2×60	220 / 380	8 / 5	1.8	241	20.1	70	10		
450-1.0C	450	1.0		2×60	220 / 380	12 / 8	2.8	382	31.8	70	10	780	220
630-0.3C	630	0.3	100	3×60	220 / 380	7	1.2	115	9.6	100	10	780	220
630-0.4C	630	0.4		3×60	220 / 380	11 / 7	1.6	153	12.8	100	10		
630-0.5C	630	0.5		3×60	220 / 380	11 / 7	2.0	191	15.9	100	10		
630-0.63C	630	0.63		3×60	220 / 380	11 / 7	2.5	241	20.1	100	10		
630-1.0C	630	1.0		3×60	220 / 380	16 / 11	4.0	382	31.8	100	10		
Traction ratio 1:1													
320-0.4D	320	0.4	100	3×60	220 / 380	6 / 4	0.8	76	6.3	100	10	800	240
320-1.0D	320	1.0		3×60	220 / 380	9 / 6	2.0	191	15.9	100	10		
400-0.4D	400	0.4	100	3×60	220 / 380	7 / 5	1.0	76	6.3	130	10	800	240
400-1.0D	400	1.0		3×60	220 / 380	12 / 7	2.6	191	15.9	130	10		

• Notes:
✎ *1、 For MRL only.

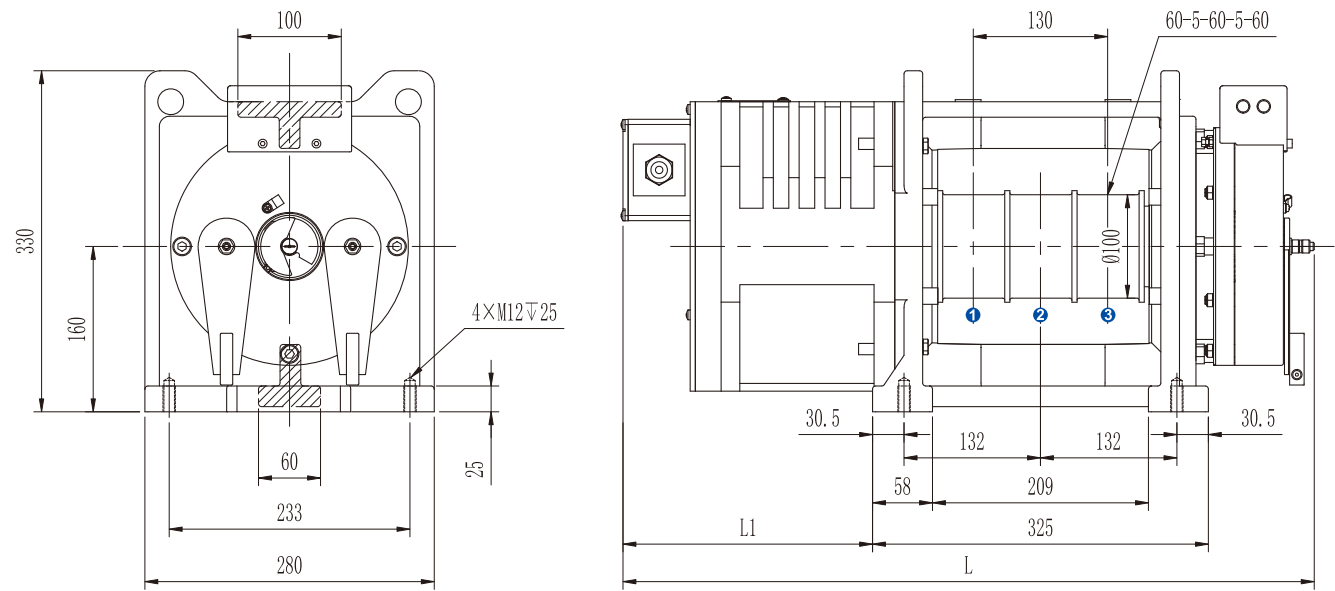


MGD100K³

PMS GEARLESS BELT TRACTION MACHINE

● Voltage	220V / 380V	● Traction Ratio	2:1
● Rated Load	(450~1000)kg	● Elv. Speed	(1.0~1.75)m/s
● Belt Sheave Dia.	Φ100mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	3000kg	● Weight(Max.)	140kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

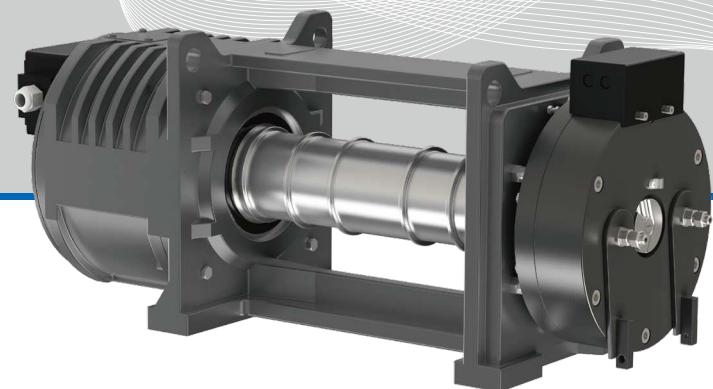
DIMENSIONS



SPEC.SHEET

Type	MGD100K												
Spec.	Load	Elv. Speed	Belt Sheave Dia.	Belt Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 2:1													
450-1.0	450	1.0	100	3×60	220 / 380	12 / 7	3.2	382	50.9	80	16	640	210
450-1.5	450	1.5		3×60	220 / 380	20 / 12	4.8	573	76.4	80	16		
450-1.75	450	1.75		3×60	220 / 380	20 / 12	5.6	668	89.1	80	16		
630-1.0	630	1.0	100	3×60	220 / 380	17 / 10	4.4	382	50.9	110	16	640	210
630-1.5	630	1.5		3×60	220 / 380	28 / 17	6.6	573	76.4	110	16		
630-1.75	630	1.75		3×60	220 / 380	28 / 17	7.7	668	89.1	110	16		
800-1.0	800	1.0	100	3×60	220 / 380	20 / 12	5.2	382	50.9	130	16	670	240
800-1.5	800	1.5		3×60	220 / 380	33 / 20	7.8	573	76.4	130	16		
800-1.75	800	1.75		3×60	220 / 380	33 / 20	9.1	668	89.1	130	16		
1000-1.0	1000	1.0	100	3×60	220 / 380	26 / 16	6.4	382	50.9	160	16	670	240
1000-1.5	1000	1.5		3×60	220 / 380	41 / 26	9.6	573	76.4	160	16		
1000-1.75	1000	1.75		3×60	220 / 380	41 / 26	11.2	668	89.1	160	16		

● Notes:
✎ *1、 For MRL only.

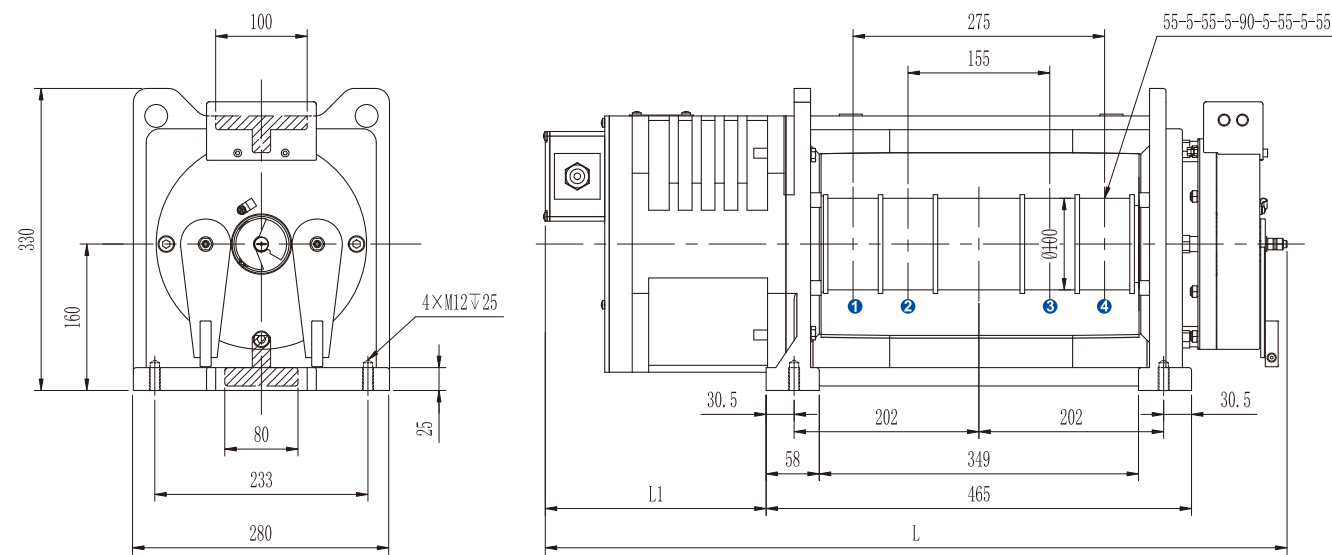


MGD100K⁴

PMS GEARLESS BELT TRACTION MACHINE

• Voltage	220V / 380V	• Traction Ratio	2:1
• Rated Load	(800~1150)kg	• Elv. Speed	(1.0~2.0)m/s
• Belt Sheave Dia.	Φ100mm	• Duty Cycle / Starts Per Hour	S5-40% / 240st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	3000kg	• Weight(Max.)	160kg
⦿ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

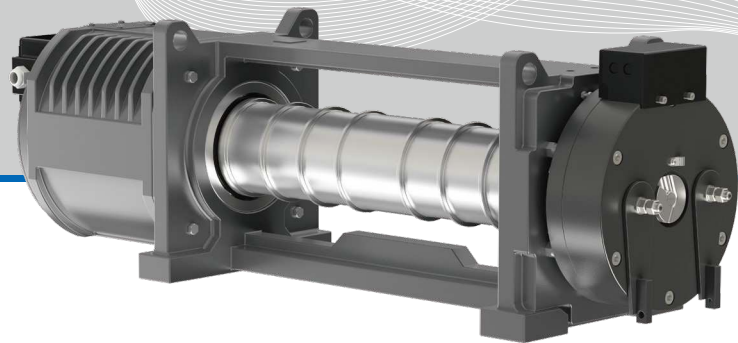
DIMENSIONS



SPEC.SHEET

Type	MGD100K												
Spec.	Load	Elv. Speed	Belt Sheave Dia.	Belt Groove	Voltage	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		V	A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 2:1													
800-1.0	800	1.0	100	4×55	220 / 380	20 / 12	5.2	382	50.9	130	16	810	240
800-1.5	800	1.5		4×55	220 / 380	33 / 20	7.8	573	76.4	130	16		
800-1.75	800	1.75		4×55	220 / 380	33 / 20	9.1	668	89.1	130	16		
1000-1.0	1000	1.0	100	4×55	220 / 380	26 / 16	6.4	382	50.9	160	16	810	240
1000-1.5	1000	1.5		4×55	220 / 380	41 / 26	9.6	573	76.4	160	16		
1000-1.75	1000	1.75		4×55	220 / 380	41 / 26	11.2	668	89.1	160	16		
1000-2.0	1000	2.0		4×55	220 / 380	49 / 27	12.8	764	50.9	160	8		
1150-1.0	1150	1.0	100	4×55	220 / 380	28 / 17	7.2	382	50.9	180	16	870	300
1150-1.5	1150	1.5		4×55	220 / 380	48 / 28	10.8	573	76.4	180	16		
1150-1.75	1150	1.75		4×55	220 / 380	48 / 28	12.6	668	89.1	180	16		
1150-2.0	1150	2.0		4×55	220 / 380	53 / 31	14.4	764	50.9	180	8		

• Notes:
✎ *1、 For MRL only.

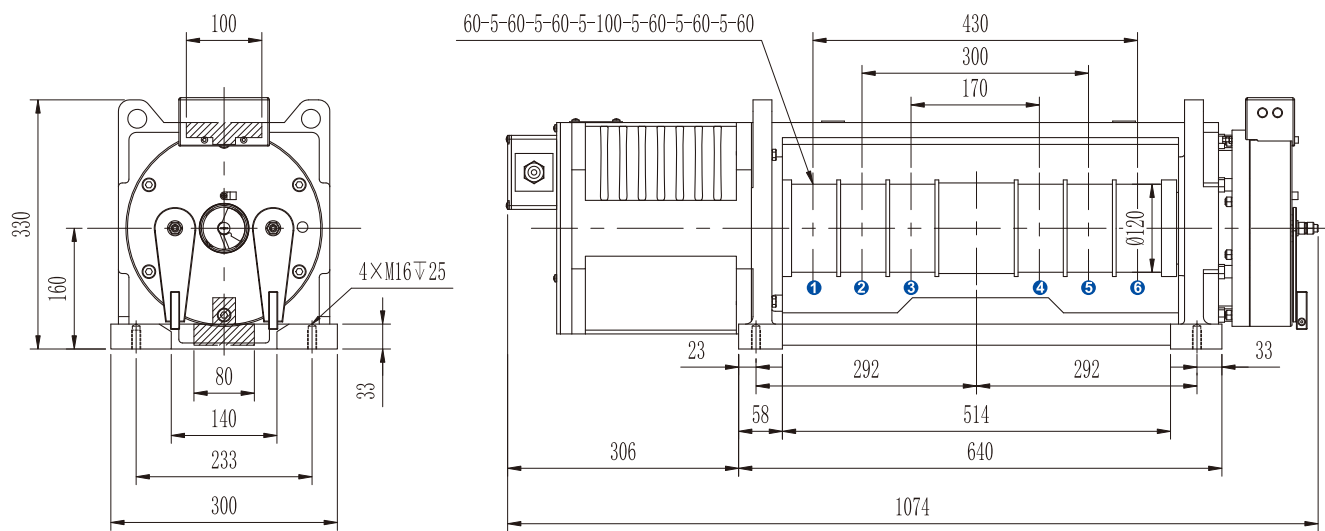


MGD100K⁶

PMS GEARLESS BELT TRACTION MACHINE

● Voltage	380V	● Traction Ratio	2:1
● Rated Load	(1250~1350)kg	● Elv. Speed	(1.0~2.0)m/s
● Belt Sheave Dia.	Φ120mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	3200kg	● Weight(Max.)	235kg
⊙ Brake Type EMM600 Voltage / Current DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)			

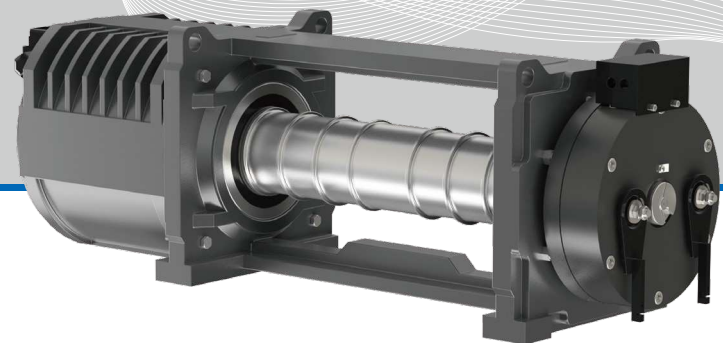
DIMENSIONS



SPEC.SHEET

Type	MGD100K									
Spec.	Load	Elv. Speed	Belt Sheave Dia.	Belt Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 2:1										
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

● Notes:
✎ *1、 For MRL only.

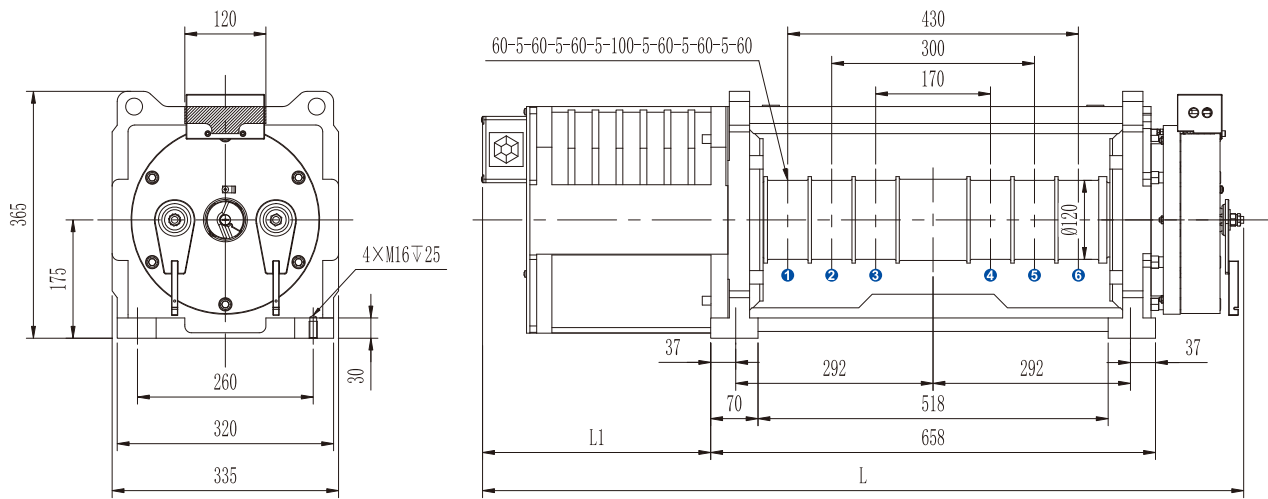


MGD120

PMS GEARLESS BELT TRACTION MACHINE

● Voltage	380V	● Traction Ratio	2:1
● Rated Load	(1350~2000)kg	● Elv. Speed	(1.0~2.5)m/s
● Belt Sheave Dia.	Φ120mm	● Duty Cycle / Starts Per Hour	S5-40% / 240st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	5000kg	● Weight(Max.)	285kg
⦿ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.5A (Standard) DC207V / 2×0.9A (Optional)

DIMENSIONS

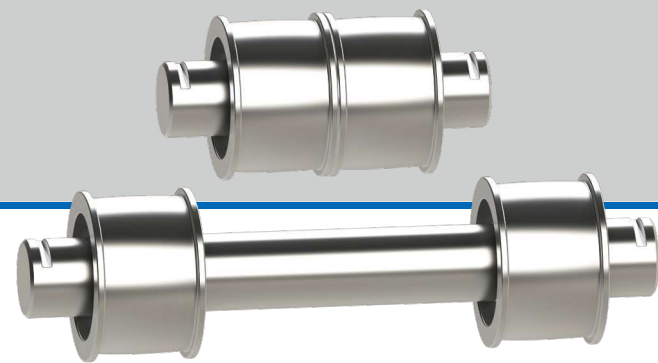


SPEC.SHEET

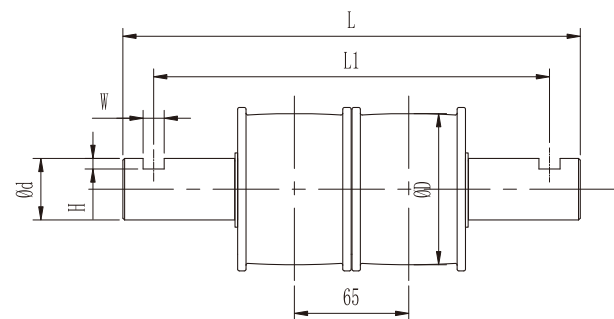


Type	MGD120											
Spec.	Load	Elv. Speed	Pitch Dia.	Groove	Current	Power	Speed	Freq.	Torque	Poles	L	L1
	kg	m/s	mm		A	kW	r/min	Hz	N·m		mm	mm
Traction Ratio 2:1												
1350-1.0	1350	1.0	120	6×60	18	8.7	318	63.6	260	24	1085	300
1350-1.5	1350	1.5		6×60	27	13.0	477	95.4	260	24		
1350-1.75	1350	1.75		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		

● Notes:
✍ *1、 For MRL only.

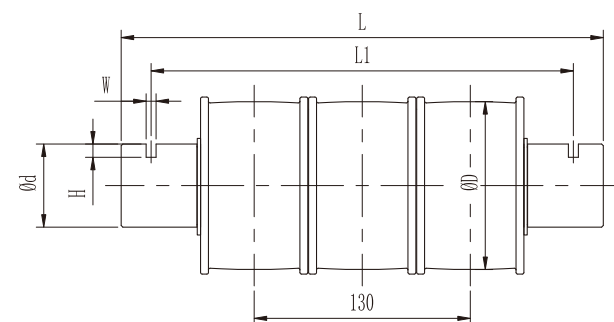


MGD GUIDE WHEEL



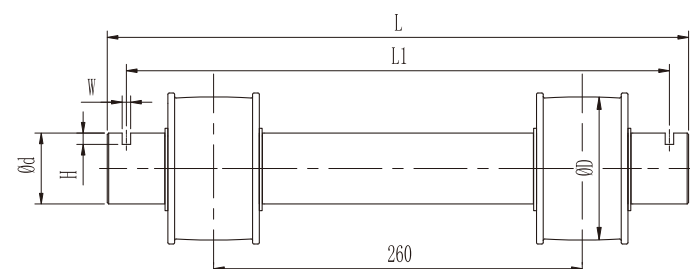
L	L1	H	W	ØD	Ød
250	230	6	6	65	35
196	150	6	6		35
207	187	6	6	87	35
200	174	6	6		35
200	157	5	5		35
260	225	8	6		35
285	259	10	7	100	50
200	166	8	6		50
260	225	8	6		35

For MGD100N2



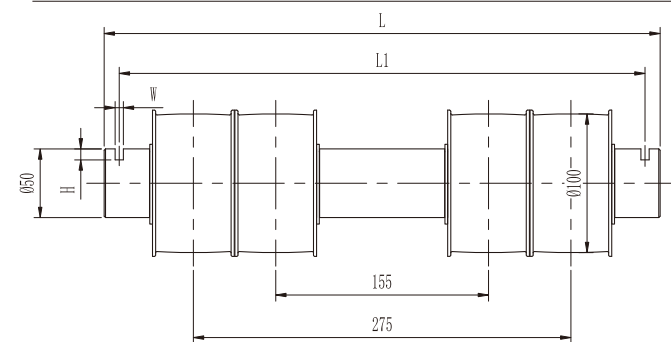
L	L1	H	W	ØD	Ød
290	254	8	6	100	50
312	290	8	6		50

For MGD100N3/MGD100N5/MGD100K3/MGD100K6/MGD120



L	L1	H	W	ØD	Ød
405	361	6	6	65	35
405	383	8	6		35
410	383	8	6	100	50
405	361	8	6		50
455	420	6	12		35
405	361	8	6		35

For MGD100N5



L	L1	H	W
405	383	8	6
405	377	8	7

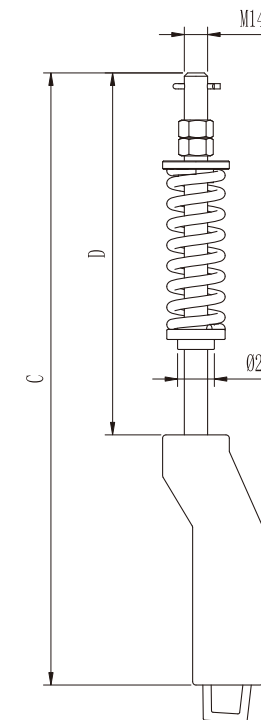
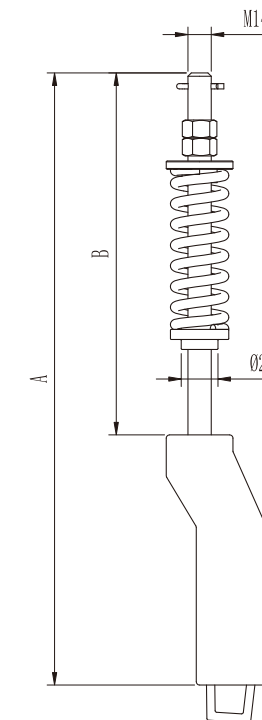
For MGD100K4

• Notes:
 *1、 Custom size of accessories available.

COMPONENT PARTS



Rope Socket Assembly



A	B
330	200
400	270
470	340

For MGD100K3/MGD100K4/MGD100K6/MGD120

C	D
330	180
375	230
440	292

For MGD100N

BROKEN TAPE DETECTION ASSEMBLY

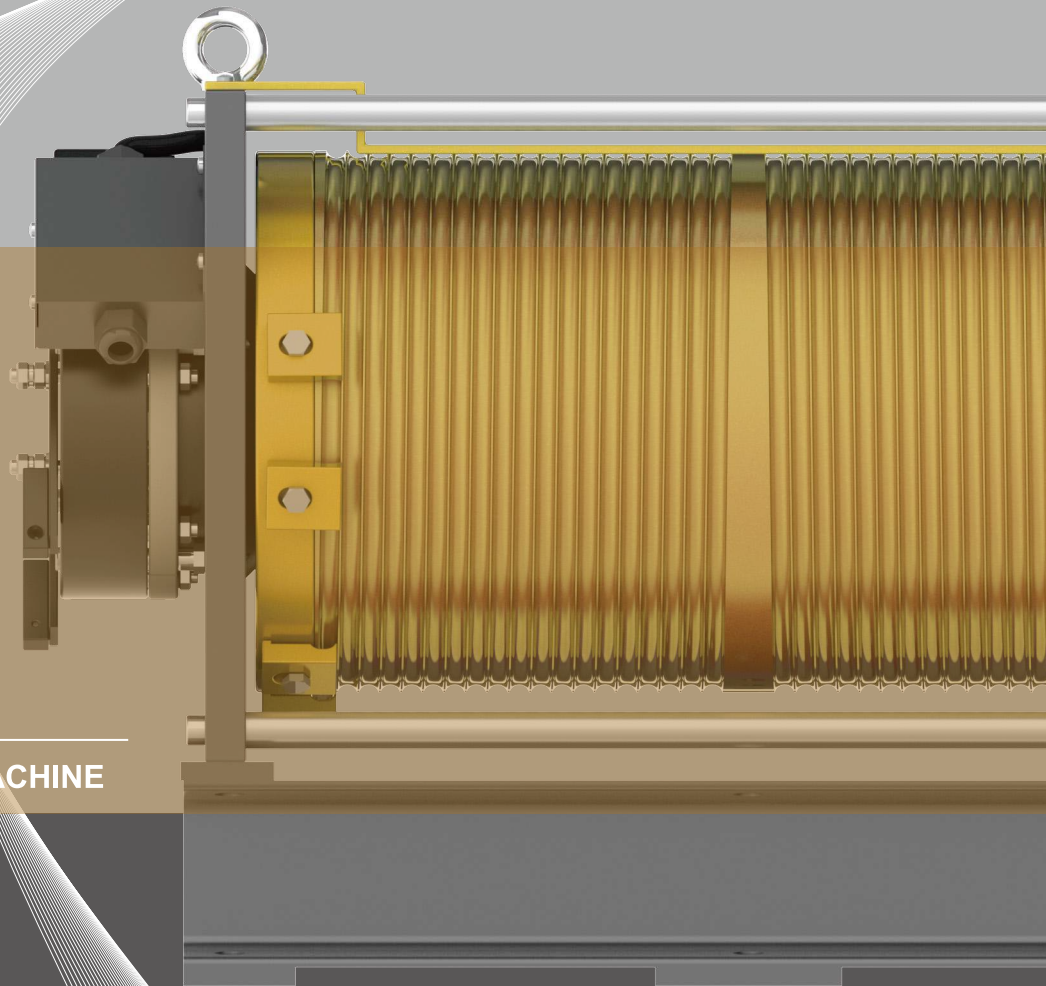


STEEL BELT



MONADRIVE[®]
MQ

PMS POSITIVE DRIVE MACHINE

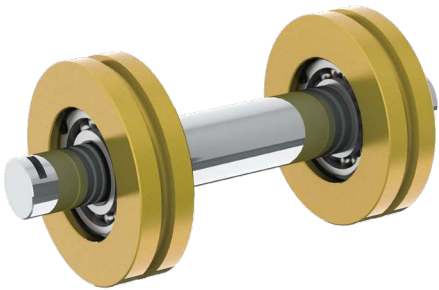


MONADRIVE[®]

MQ SERIES INCLUDES

Load Q+P (500~700) kg Speed (0.15~0.3) m/s	MQ180 ●
Load Q+P (600~1000) kg Speed (0.3~0.4) m/s	MQ270 ●
Load Q+P (600~700) kg Speed 0.3 m/s	MQ230 ●
Load Q+P (800~1000) kg Speed (0.3~0.4) m/s	MQ290 ●
Load Q+P (600~1000) kg Speed (0.3~0.63) m/s	MQ320 ●

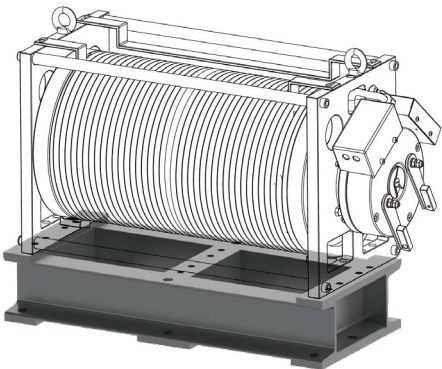
OPTIONAL ACCESSORIES



GUIDE WHEEL



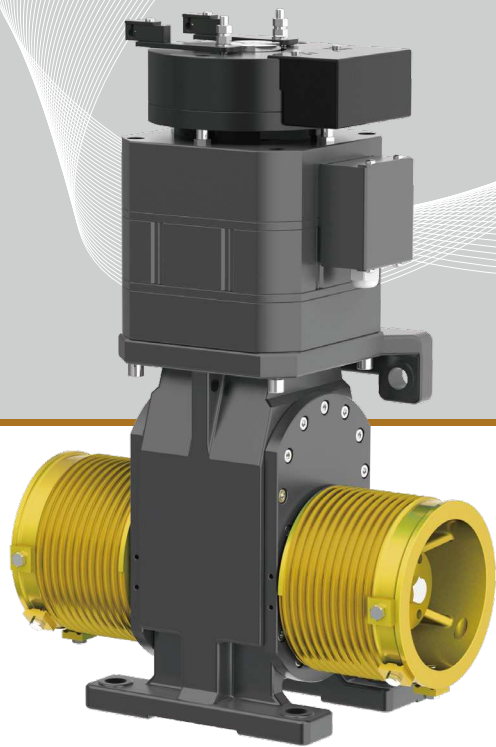
WIREROPE



INSTALLATION SEAT



ROPE SOCKET ASSEMBLY

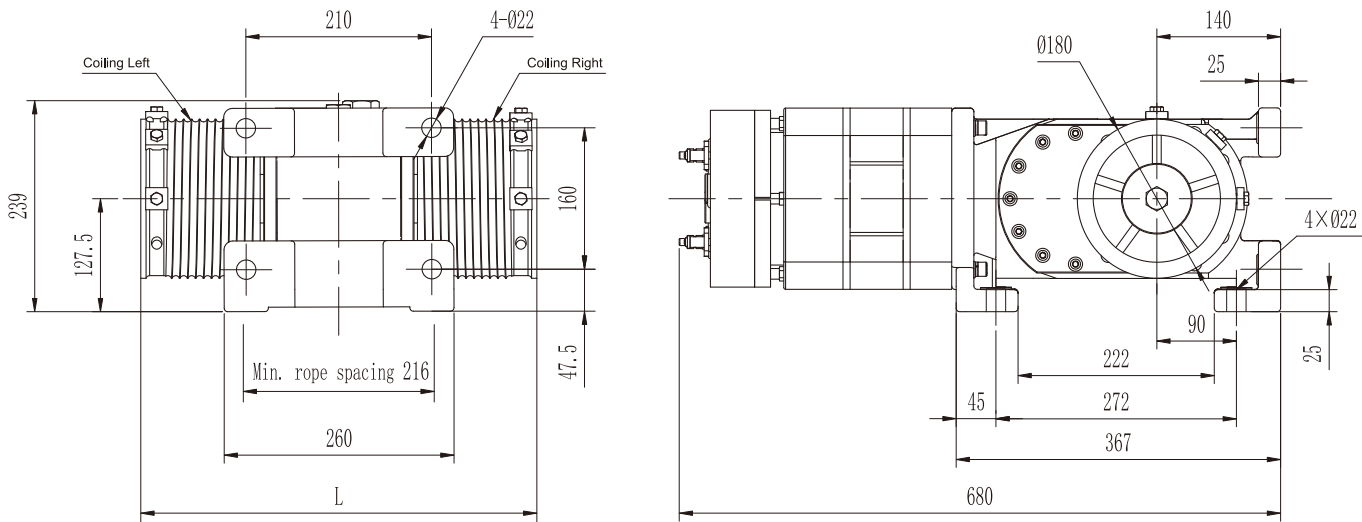


MQ180

PMS POSITIVE DRIVE MACHINE

● Voltage	220V / 380V	● Traction Ratio	1:1
● Rated Load(Q+P)	(500~700)kg	● Elv. Speed	(0.15~0.3)m/s
● Sheave Dia.	Φ180mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2000kg	● Weight(Max.)	115kg
⊙ Brake Type EMM600 Voltage / Current DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)			

DIMENSIONS



SPEC.SHEET

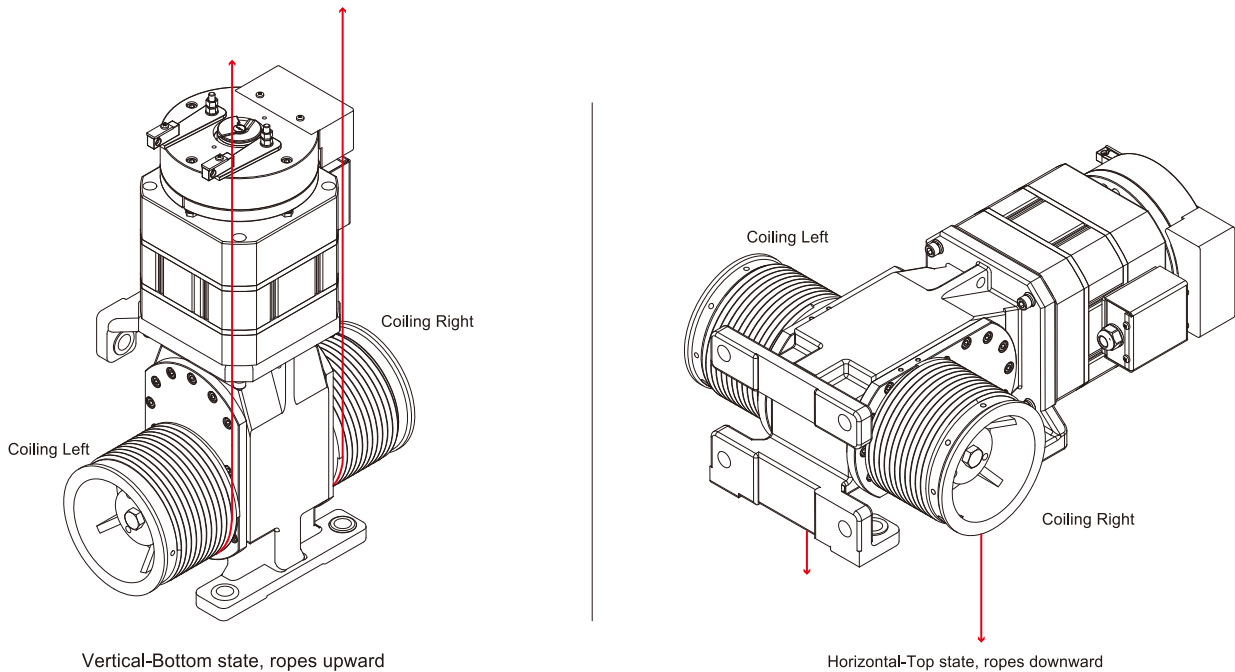
Type	MQ180								
Load(Q+P)	Elv. Speed	Pitch Dia.	Voltage	Current	Power	Speed	Freq.	Sheave Torque	Poles
kg	m/s	mm	V	A	kW	r/min	Hz	N·m	
Traction Ratio 1:1									
500	0.15	180	220 / 380	4	0.8	242	20.2	455	10
500	0.3	180	220 / 380	8 / 4	1.5	484	40.3	455	10
600	0.15	180	220 / 380	5	0.9	242	20.2	546	10
600	0.3	180	220 / 380	9 / 5	1.8	484	40.3	546	10
700	0.15	180	220 / 380	5	1.1	242	20.2	637	10
700	0.3	180	220 / 380	9 / 5	2.1	484	40.3	637	10

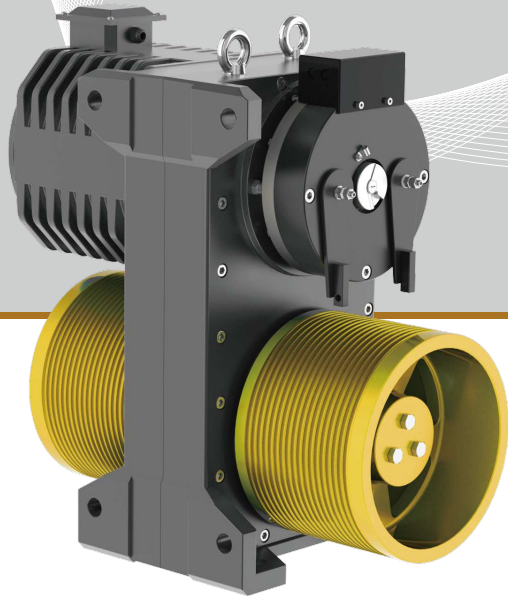
● Notes:
✍ *1、 For MRL only.
✍ *2、 The machine is equipped with electrical brake release device.

RECOMMENDATION FORM

Rope diam. (mm)	Turns×slot pitch (mm)	Lifting height (m)	L(mm)
Φ8	10×9	≤4.5	472
Φ8	15×9	4.5 < H≤7.5	562

DIMENSIONS



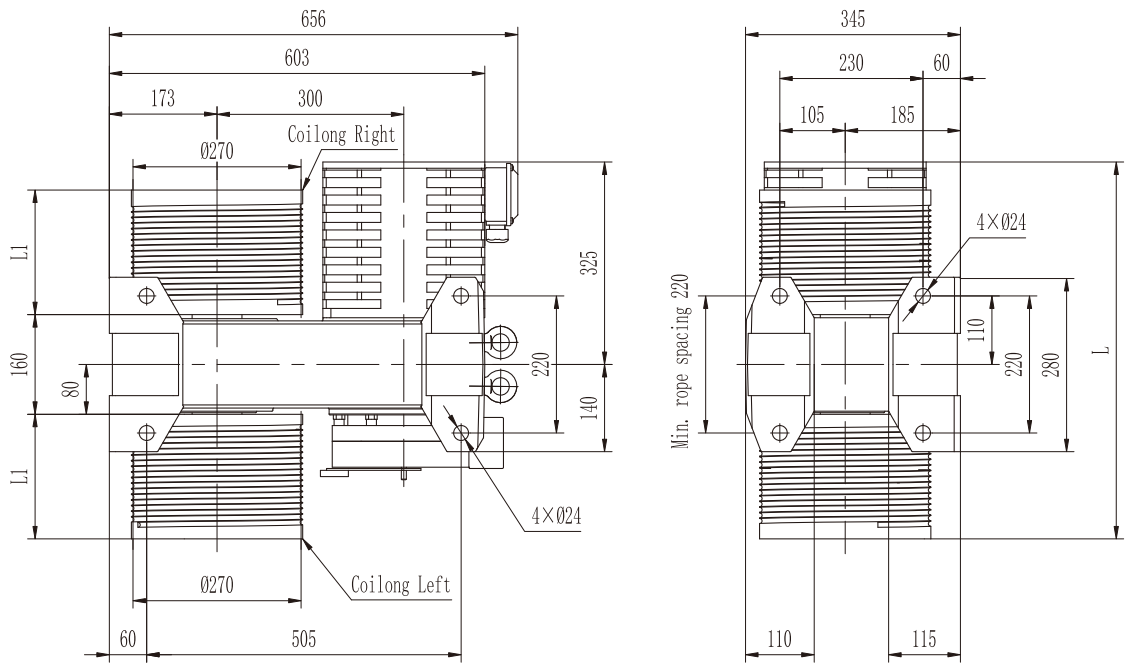


MQ270

PMS POSITIVE DRIVE MACHINE

• Voltage	220V / 380V	• Traction Ratio	1:1
• Rated Load(Q+P)	(600~1000)kg	• Elv. Speed	(0.3~0.4)m/s
• Sheave Dia.	Φ270mm	• Duty Cycle / Starts Per Hour	S5-25% / 180st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	2500kg	• Weight(Max.)	280kg
⦿ Brake Type EMM600 Voltage / Current DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)			

DIMENSIONS



SPEC.SHEET



Type	MQ270								
Load(Q+P)	Elv. Speed	Pitch Dia.	Voltage	Current	Power	Speed	Freq.	Sheave Torque	Poles
kg	m/s	mm	V	A	kW	r/min	Hz	N·m	
Traction Ratio 1:1									
600	0.3	270	220/380	7	1.8	170	22.7	800	16
600	0.4		220/380	10	2.4	226	30.1	800	16
700	0.3	270	220/380	8	2.1	170	22.7	960	16
700	0.4		220/380	11	2.8	226	30.1	960	16
800	0.3	270	220/380	9	2.4	170	22.7	1040	16
800	0.4		220/380	12	3.2	226	30.1	1040	16
900	0.3	270	220/380	11	2.7	170	22.7	1200	16
900	0.4		220/380	14	3.5	226	30.1	1200	16
1000	0.3	270	220/380	12	3.0	170	22.7	1360	16
1000	0.4		220/380	16	4.0	226	30.1	1360	16

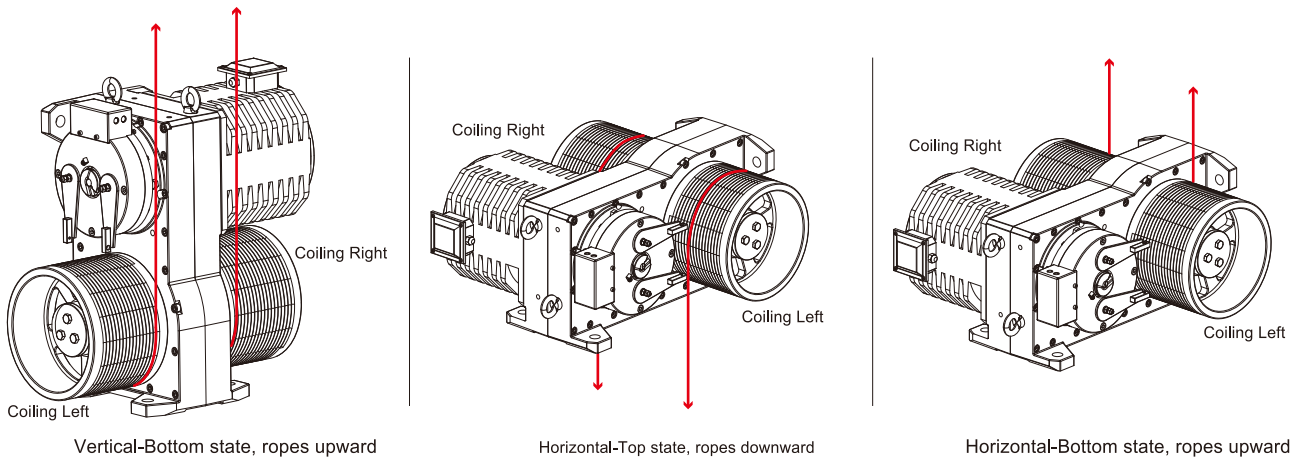
• Notes:
✍ *1、 For MRL only.
✍ *2、 The machine is equipped with electrical brake release device.

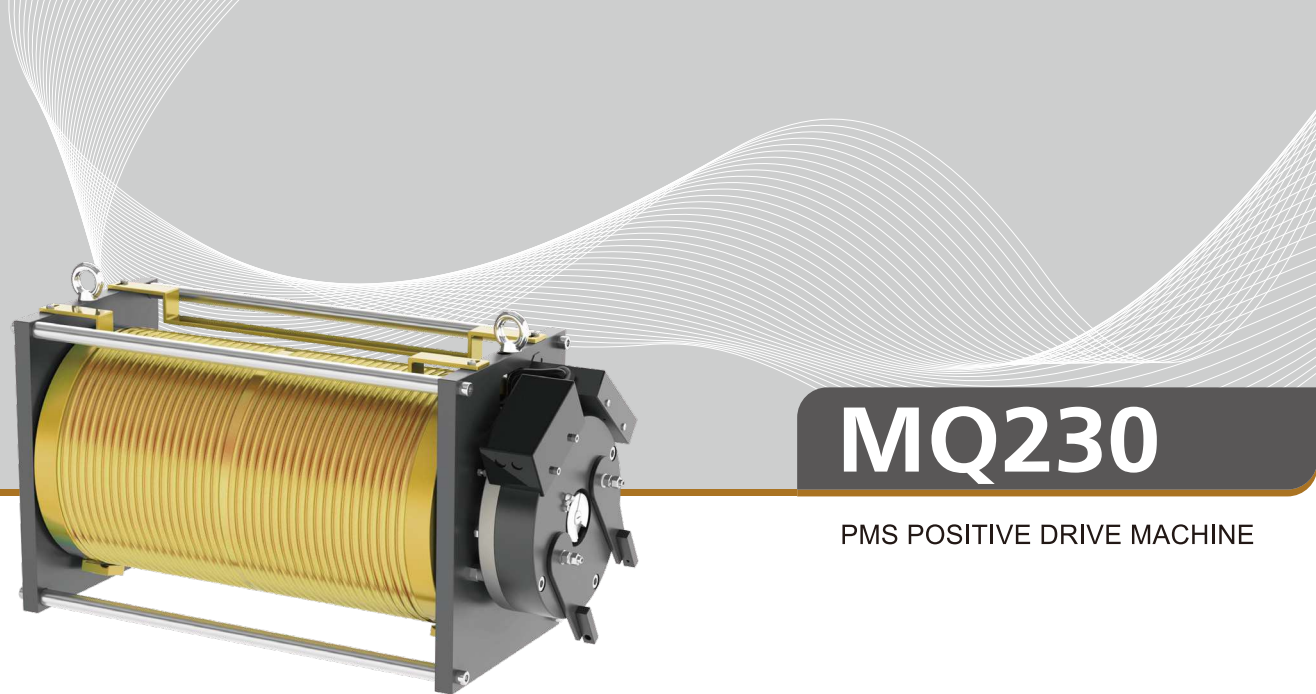
RECOMMENDATION FORM



Rope diam. (mm)	Lifting height (m)	L(mm)	L1(mm)	Notes
Φ8	≤12	605	200	Standard
	12 < H ≤15	645	240	Optional
	15 < H ≤20	765	300	
Φ10	≤9	605	200	Standard
	9 < H ≤12	645	240	Optional
	12 < H ≤16	765	300	

DIMENSIONS



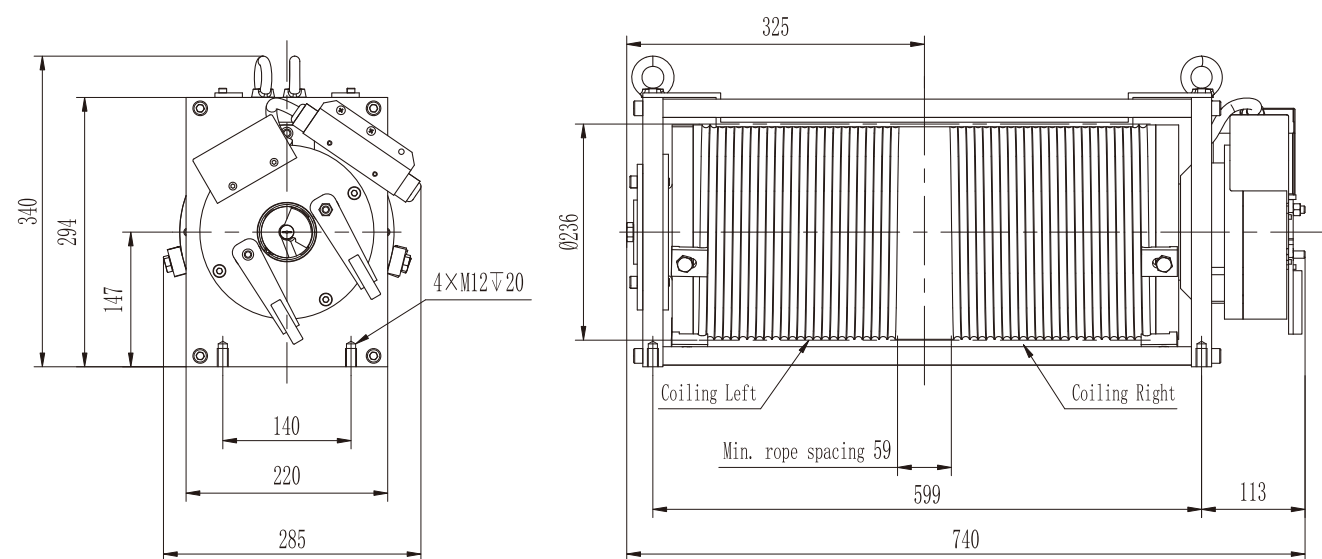


MQ230

PMS POSITIVE DRIVE MACHINE

● Voltage	220V / 380V	● Traction Ratio	1:1
● Rated Load(Q+P)	(600~700)kg	● Elv. Speed	0.3m/s
● Sheave Dia.	Φ236mm	● Duty Cycle / Starts Per Hour	S5-25% / 180st/h
● Ingress Protection	IP41	● Insulation Class	F
● Max. Static Shaft Load	2000kg	● Weight(Max.)	200kg
⦿ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS



SPEC.SHEET

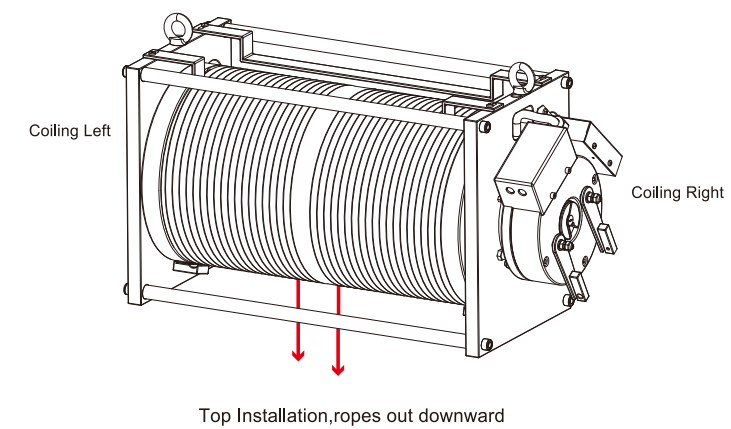
Type	MQ230								
Load(P+Q)	Elv. Speed	Pitch Dia.	Voltage	Current	Power	Speed	Freq.	Sheave Torque	Poles
kg	m/s	mm	V	A	kW	r/min	Hz	N·m	
Traction Ratio 1:1									
600	0.3	236	220/380	9	2.0	173	14.4	700	10
700	0.3	236	220/380	11	2.4	173	14.4	840	10

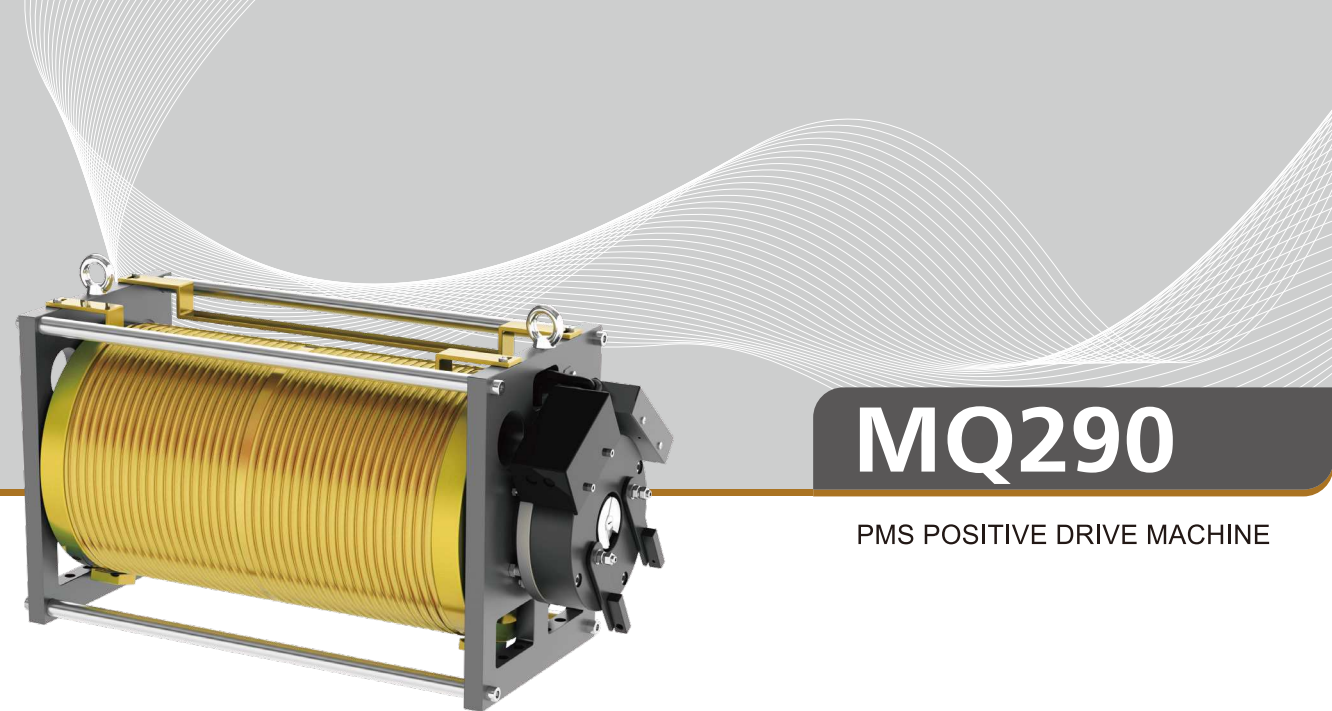
- Notes:
✎ *1、 For MRL only.
✎ *2、 The machine can be equipped with mounting base optionally.

RECOMMENDATION FORM

Rope diam. (mm)	Turns×slot pitch (mm)	Lifting height (m)	Notes
Φ8	24×9	≤18	Standard

DIMENSIONS



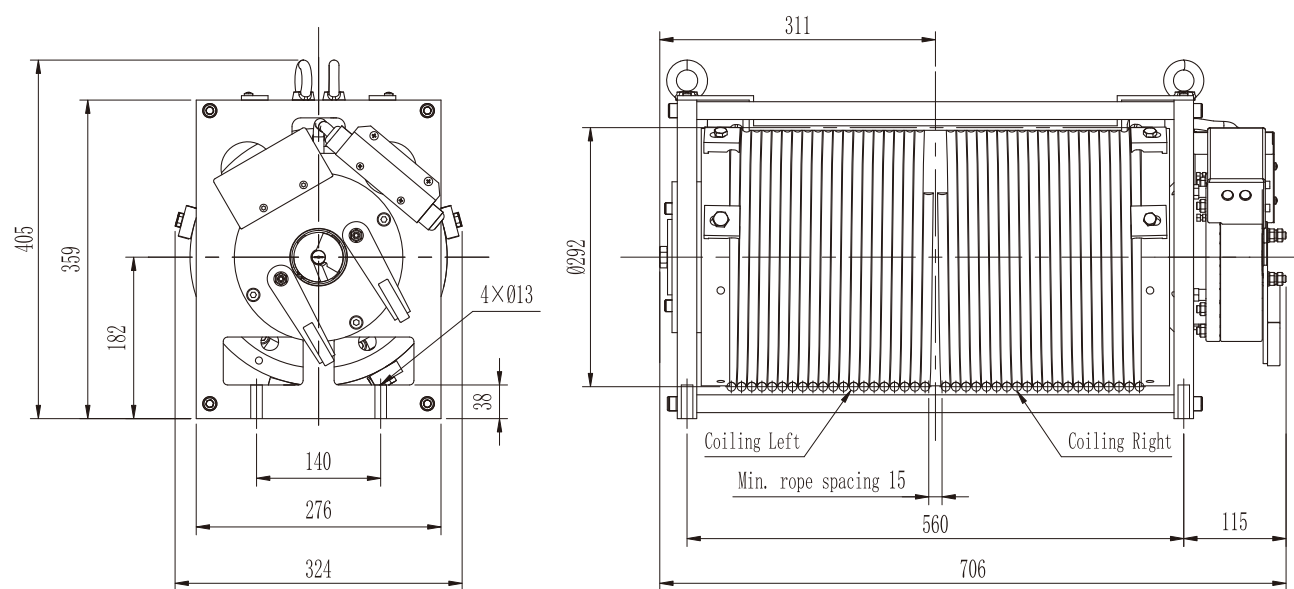


MQ290

PMS POSITIVE DRIVE MACHINE

• Voltage	220V / 380V	• Traction Ratio	1:1
• Rated Load(Q+P)	(800~1000)kg	• Elv. Speed	(0.3~0.4)m/s
• Sheave Dia.	Φ292mm	• Duty Cycle / Starts Per Hour	S5-25% / 180st/h
• Ingress Protection	IP41	• Insulation Class	F
• Max. Static Shaft Load	2000kg	• Weight(Max.)	215kg
⊙ Brake Type	EMM600	Voltage / Current	DC110V / 2×1.2A (Standard) DC207V / 2×0.8A (Optional)

DIMENSIONS



SPEC.SHEET

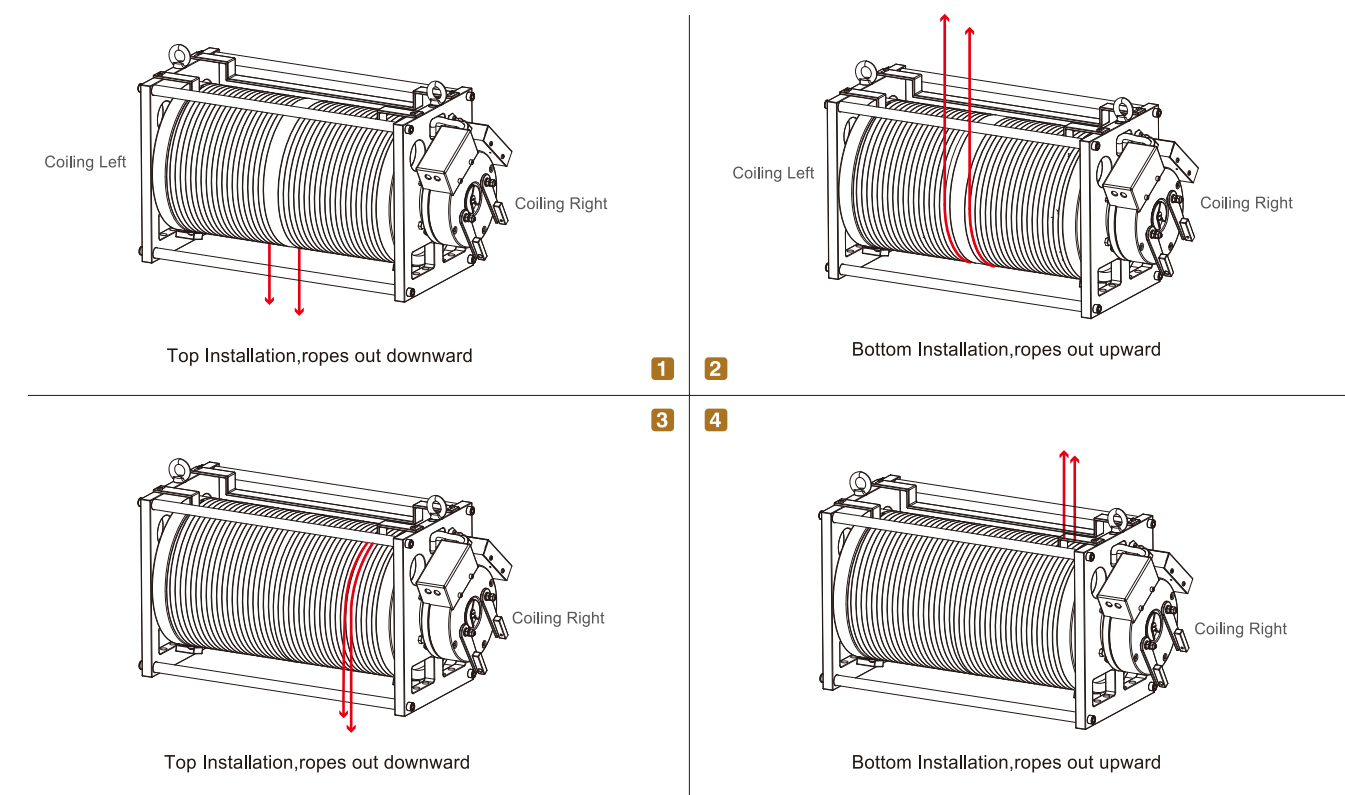
Type	MQ290								
Load(Q+P)	Elv. Speed	Pitch Dia.	Voltage	Current	Power	Speed	Freq.	Sheave Torque	Poles
kg	m/s	mm	V	A	kW	r/min	Hz	N·m	
Traction Ratio 1:1									
800	0.3	292	220 / 380	15 / 8	2.4	196	26.1	1200	16
800	0.4		220 / 380	15 / 8	3.2	261	34.8	1200	16
900	0.3	292	220 / 380	16 / 9	2.7	196	26.1	1300	16
900	0.4		220 / 380	16 / 9	3.6	261	34.8	1300	16
1000	0.3	292	220 / 380	18 / 10	3.0	196	26.1	1500	16
1000	0.4		220 / 380	18 / 10	4.0	261	34.8	1500	16

- Notes:
- ✎ *1、 For MRL only.
- ✎ *2、 The machine can be equipped with mounting base optionally.

RECOMMENDATION FORM

Rope diam. (mm)	Turns×slot pitch (mm)	Lifting height (m)	Notes
Φ8	25×9	≤20	Standard
Φ10	19.5×11.5	≤15	Standard

DIMENSIONS

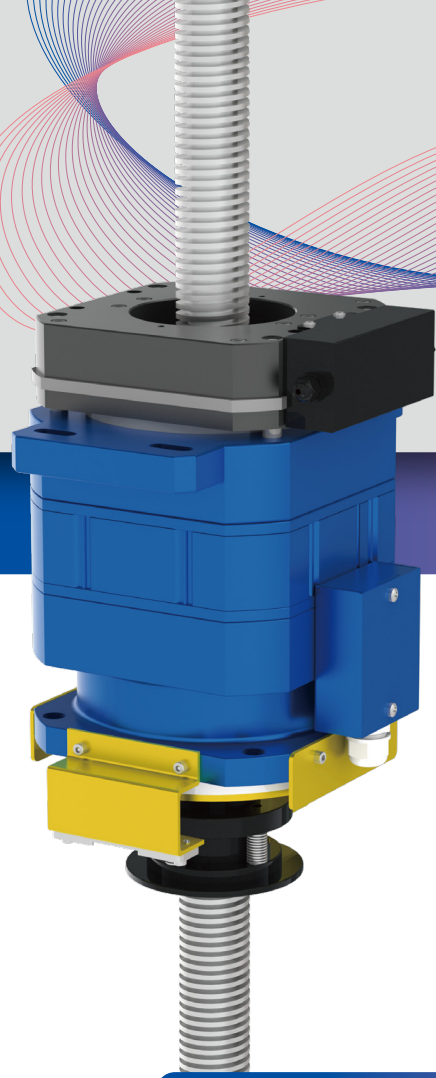




DIMENSIONS



MONADRIVE® | MQ320



MONADRIVE®

MLG100

永磁同步无齿轮螺杆主机
PERMANENT MAGNET SYNCHRONOUS GEARLESS SCREW MACHINE

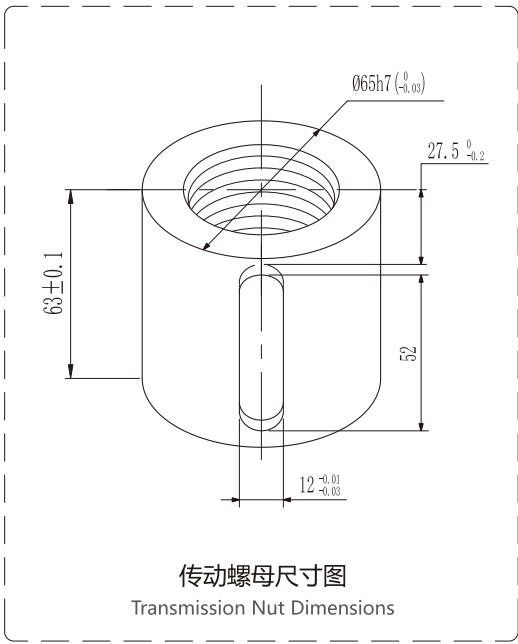
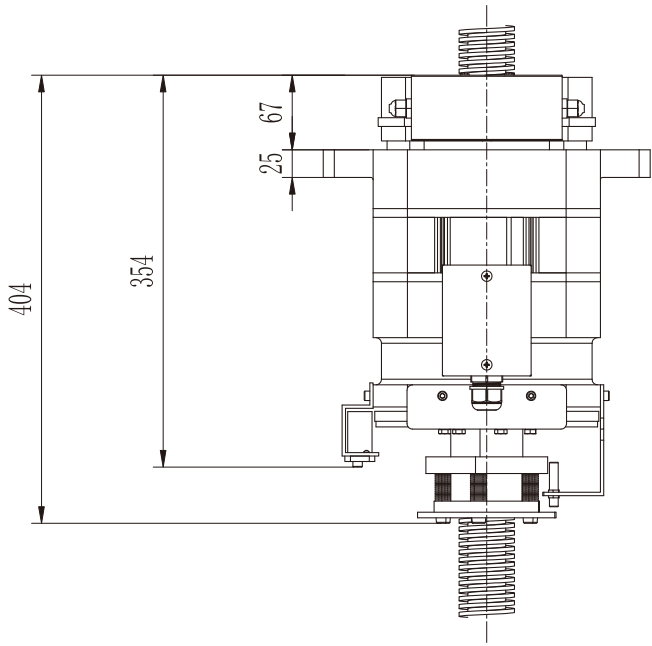
电源电压	Voltage	220V / 380V
额定载重 + 轿厢重量	Rated Load(Q+P)	(450~600)kg
额定梯速	Elv. Speed	(0.15~0.3)m/s
防护等级	Ingress Protection	IP41
绝缘等级	Insulation Class	F
工作制	Duty Cycle	S5-25%
自重	Weight (Max.)	50kg

制动器型号 Brake Type **EMM600** 电压 Voltage / 电流 Current DC110V / 1.0A

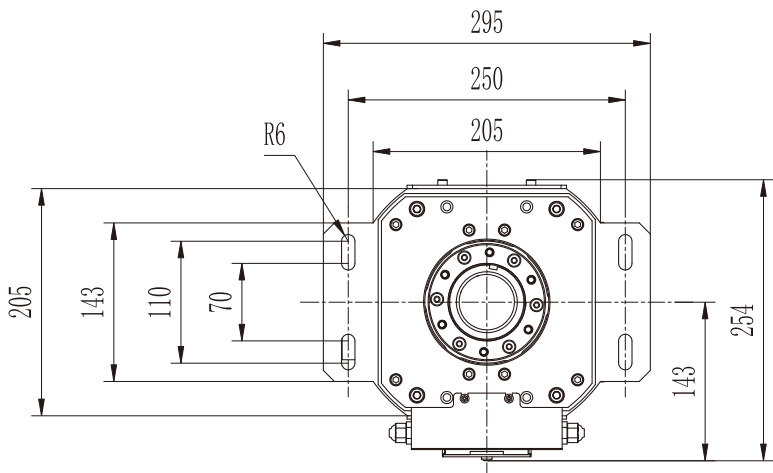
规格表 SPEC.SHEET

型号	Type	MLG100							
规格	额定载重+轿厢重量	额定梯速	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
Spec.	Load(Q+P)	Elv. Speed	Voltage	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	V	A	kW	r/min	Hz	N·m	
450-0.15	450	0.15	220 / 380	6	1.1	450	37.5	25	10
450-0.25	450	0.25	220 / 380	9 / 6	1.8	750	62.5	25	10
450-0.3	450	0.3	220 / 380	11 / 7	2.2	900	75.0	25	10
520-0.15	520	0.15	220 / 380	7	1.3	450	37.5	27	10
520-0.25	520	0.25	220 / 380	11 / 7	2.2	750	62.5	27	10
520-0.3	520	0.3	220 / 380	9 / 6	2.6	900	75.0	27	10
600-0.15	600	0.15	220 / 380	8 / 5	1.5	450	37.5	35	10
600-0.25	600	0.25	220 / 380	9 / 6	2.5	750	62.5	35	10
600-0.3	600	0.3	220 / 380	12 / 8	3.0	900	75.0	35	10

安装尺寸图 DIMENSIONS



传动螺母尺寸图
Transmission Nut Dimensions



- 注 Notes:
- *1、本机型不含螺杆和传动螺母。 This model is not equipped with screws and drive nuts.
 - *2、可根据客户需求定制主机。 Customizable on request.

MONADRIVE®

MGK 系列
SERIES

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®

MGK SERIES INCLUDES MGK系列包括

额定载重Load(630~1150)kg 曳引比 Roping 1:1
额定速度Speed(0.5~2.0)m/s

MGK410 ●

额定载重Load(3000~3500)kg
额定速度Speed(1.0~3.0)m/s

MGK520 ●

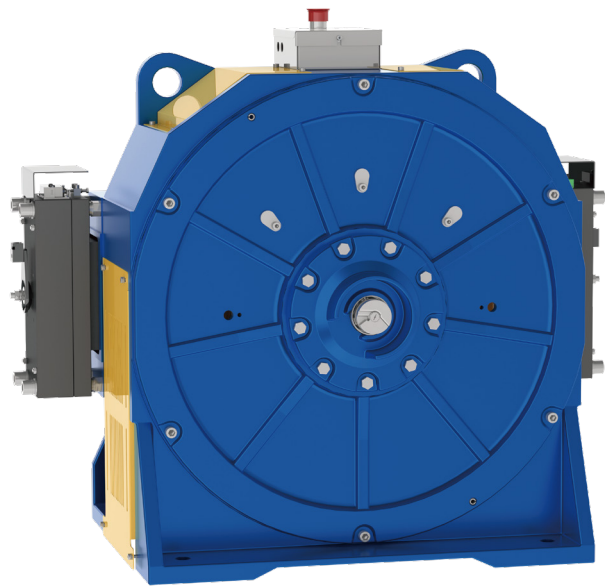
额定载重Load(4000~6000)kg
额定速度Speed(1.0~3.0)m/s

MGK640 ●

额定载重Load 10000kg
额定速度Speed(1.0~2.0)m/s

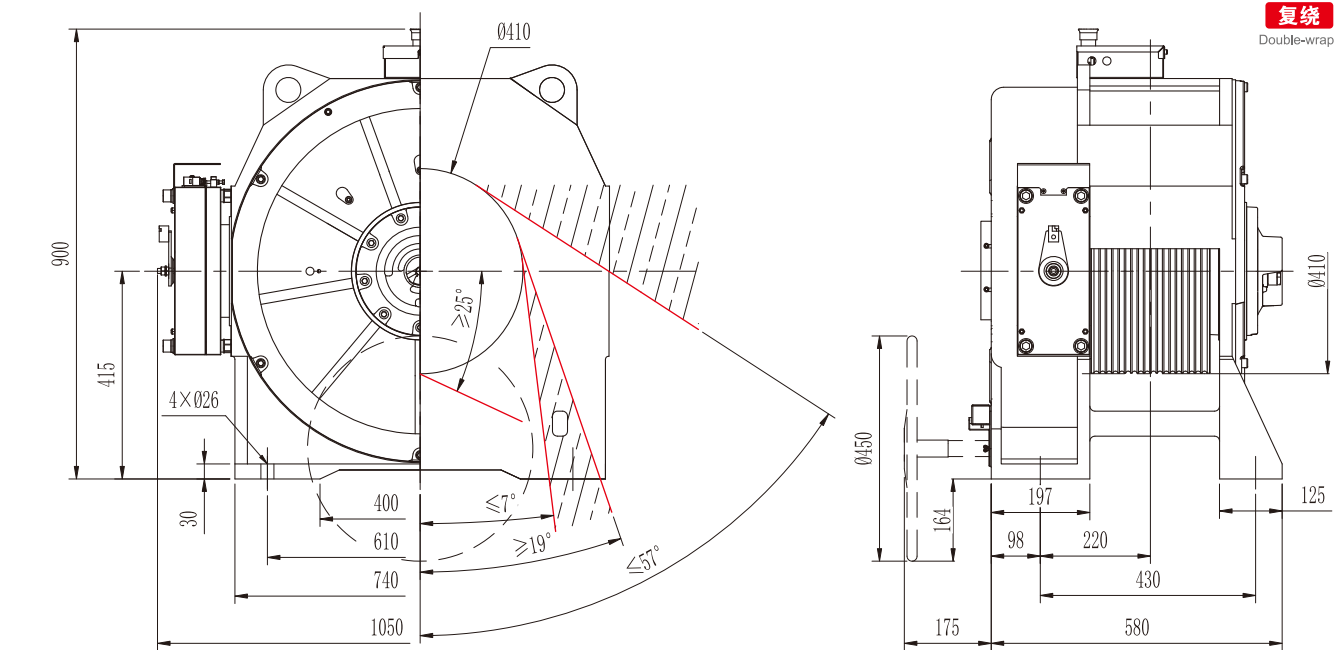
MGK750 ●

MGK410

MONADRIVE®

● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	1:1
● 额定载重	Rated Load	(630~1150)kg
● 额定梯速	Elev. Speed	(0.5~2.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	Φ410mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	12000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	790kg
 制动器型号 Brake Type EMK18K 电压U / 电流I DC110V / 2×2.6A		

安装尺寸图 DIMENSIONS



● 注 Notes:

*1、钢丝绳绕出角度按图示部分，避开阴影范围。 Rope exit angle to comply with the sketch above, keep clear of shaded zone.

 规格表 SPEC.SHEET

型号	Type	MGK410								
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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 1:1										
630-0.5	630	0.5	410	12×Φ10×12.7	13	2.0	23	7.7	820	40
630-1.0	630	1.0		12×Φ10×12.7	13	4.0	47	15.7	820	40
630-1.5	630	1.5		12×Φ10×12.7	20	6.0	70	23.3	820	40
630-1.75	630	1.75		12×Φ10×12.7	20	7.0	82	27.3	820	40
630-2.0	630	2.0		12×Φ10×12.7	20	8.0	93	31.0	820	40
800-0.5	800	0.5	410	14×Φ10×12.7	17	2.6	23	7.7	1060	40
800-1.0	800	1.0		14×Φ10×12.7	17	5.2	47	15.7	1060	40
800-1.5	800	1.5		14×Φ10×12.7	26	7.8	70	23.3	1060	40
800-1.75	800	1.75		14×Φ10×12.7	26	9.1	82	27.3	1060	40
800-2.0	800	2.0		14×Φ10×12.7	26	10.3	93	31.0	1060	40
1000-0.5	1000	0.5	410	16×Φ10×12.7	23	3.2	23	7.7	1330	40
1000-1.0	1000	1.0		16×Φ10×12.7	23	6.5	47	15.7	1330	40
1000-1.5	1000	1.5		16×Φ10×12.7	32	9.7	70	23.3	1330	40
1000-1.75	1000	1.75		16×Φ10×12.7	32	11.4	82	27.3	1330	40
1000-2.0	1000	2.0		16×Φ10×12.7	32	13.0	93	31.0	1330	40
1150-0.5	1150	0.5	410	18×Φ10×12.7	26	3.7	23	7.7	1530	40
1150-1.0	1150	1.0		18×Φ10×12.7	26	7.5	47	15.7	1530	40
1150-1.5	1150	1.5		18×Φ10×12.7	37	11.2	70	23.3	1530	40
1150-1.75	1150	1.75		18×Φ10×12.7	37	13.1	82	27.3	1530	40
1150-2.0	1150	2.0		18×Φ10×12.7	37	14.9	93	31.0	1530	40

● 注 Notes:

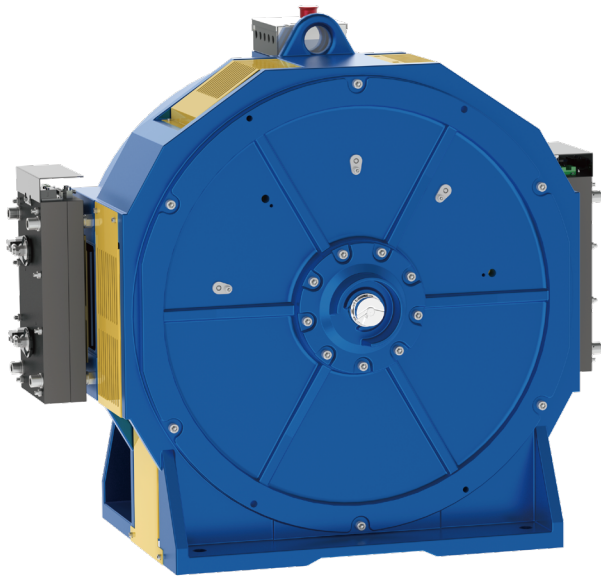
 *1、本机型只用于有机房。 For machine room only.

 *2、本机型绕绳方式为复绕。 Double wrap.

MGK520

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



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

*1、钢丝绳绕出角度按图示部分，避开阴影范围。Rope exit angle to comply with the sketch above, keep clear of shaded zone

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
Spec.	Load	Elv. Speed	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	

Traction Ratio 曳引比 2:1										
3000-1.0	3000	1.0	520	8×Φ13×18	45	19.3	73	29.2	2530	48
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
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

Traction Ratio 曳引比 6:1										
10000-0.5	10000	0.5	520	8×Φ13×18	87	34.0	110	44.0	2950	48
10000-1.0	10000	1.0		8×Φ13×18	150	68.0	220	88.0	2950	48

*2、绳槽切口角推荐U型, $\beta=95^\circ/\gamma=30^\circ$, 可根据客户需求非标切口角度。U-groove, $\beta=95^\circ/\gamma=30^\circ$ are the recommended values, Custom notch angles are available.

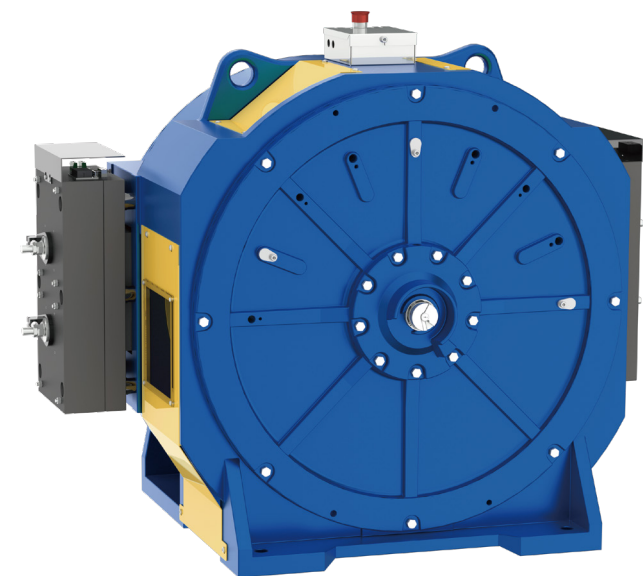
后置盘车 REAR HANDWHEEL

MGK640

永磁同步无齿轮曳引机

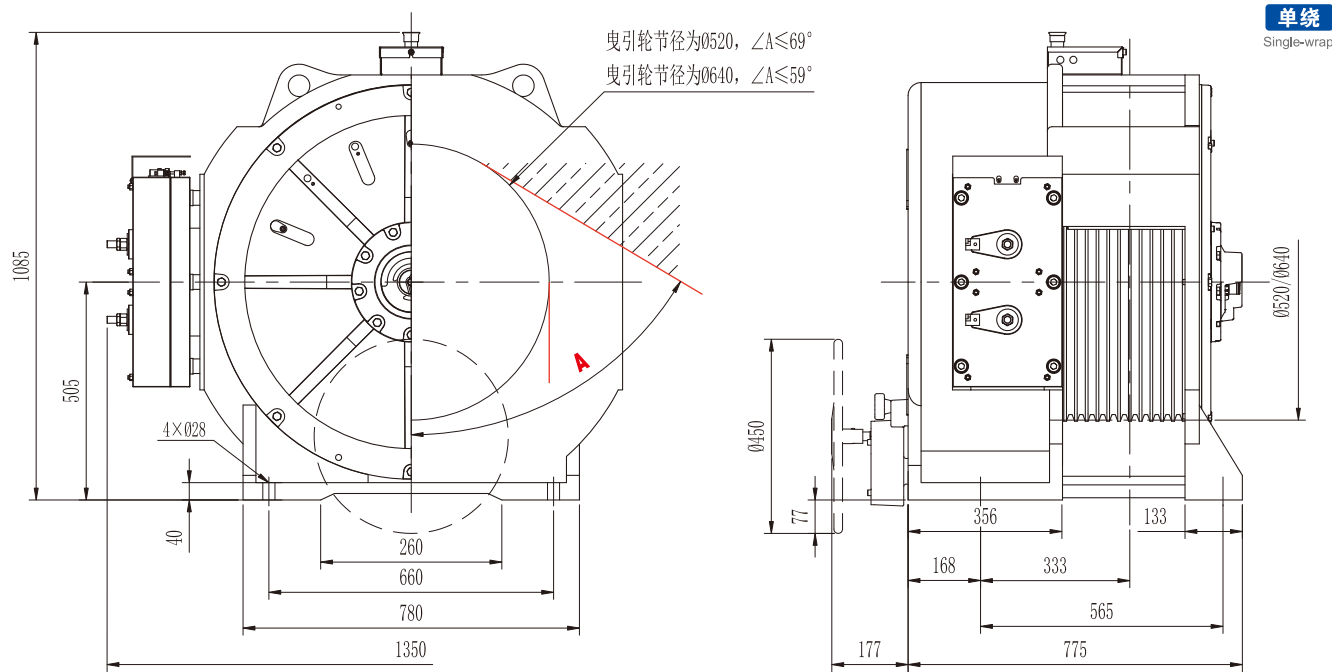
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1 / 4:1
● 额定载重	Rated Load	(4000~6000)kg
● 额定梯速	Elv. Speed	(1.0~3.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	(Φ520/Φ640)mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	18000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	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



● 注 Notes:
✎ *1、钢丝绳绕出角度按图示部分，避开阴影范围。Rope exit angle to comply with the sketch above, keep clear of shaded zone.

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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 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	15×Φ13×18	96	38.7	73	29.2	5060	48
6000-1.5	6000	1.5		15×Φ13×18	155	58.3	110	44.0	5060	48
6000-1.75	6000	1.75		15×Φ13×18	155	68.3	129	51.6	5060	48
6000-2.0	6000	2.0		15×Φ13×18	171	77.9	147	58.8	5060	48
6000-2.5	6000	2.5		15×Φ13×18	205	97.5	184	73.6	5060	48
6000-3.0	6000	3.0		15×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
Traction Ratio 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	15×Φ13×18	96	38.7	73	29.2	5060	48
12000-1.0A	12000	1.0		15×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、本机型号只用于有机房。 For machine room only.

✎ *2、绳槽切口角推荐U型，β=95°/γ=30°，可根据客户需求非标切口角度。 U-groove,β=95°/γ=30° are the recommended values,Custom notch angles are available.

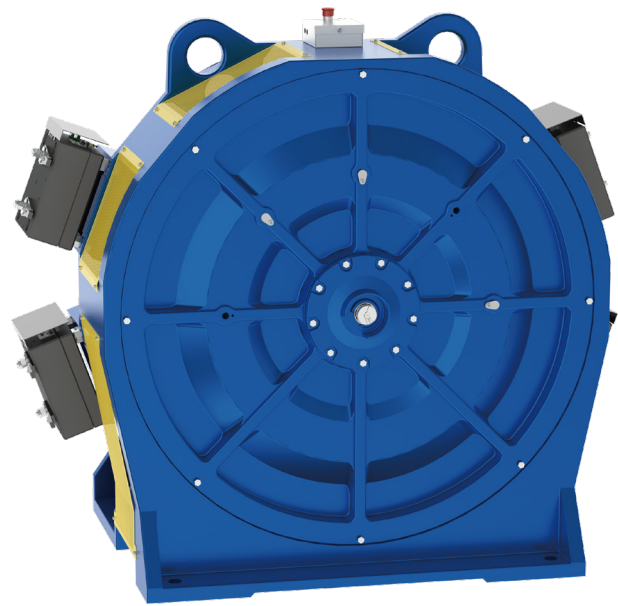
后置盘车 REAR HANDWHEEL

MGK750

永磁同步无齿轮曳引机

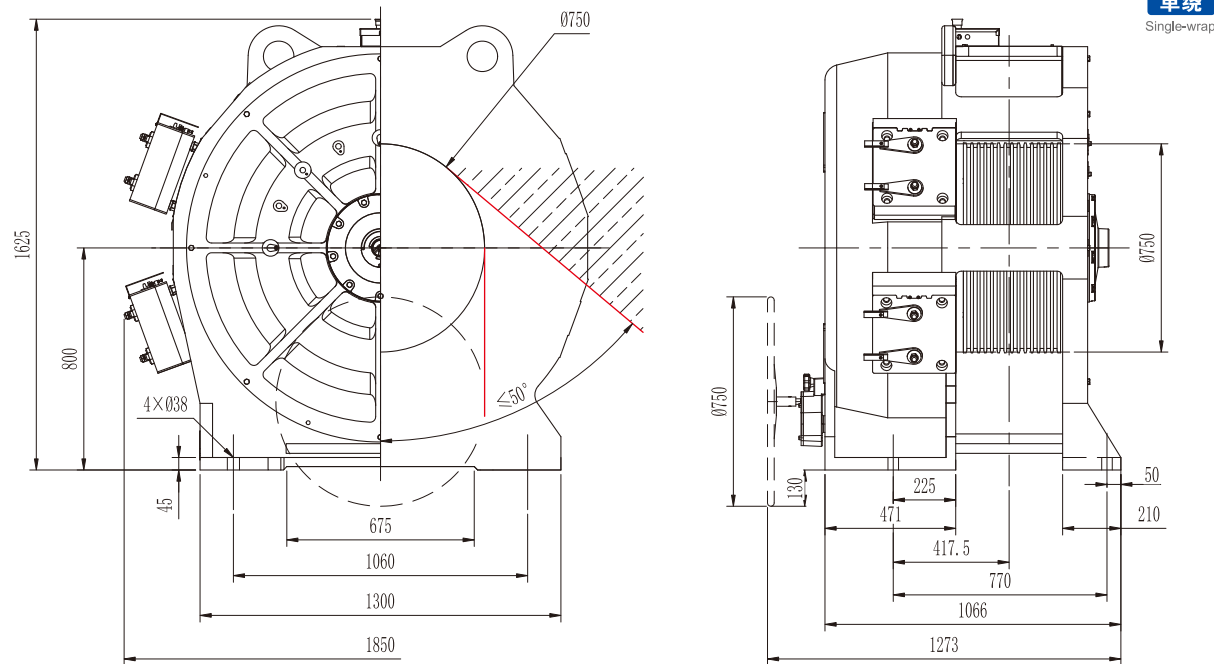
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

MONADRIVE®



● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	10000kg
● 额定梯速	Elv. Speed	(1.0~2.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	Φ750mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	30000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	4980kg
⊙ 制动器型号 Brake Type	EMK33K	电压U / 电流I DC110V / 4×2.2A

安装尺寸图 DIMENSIONS



● 注 Notes:

✎ *1、钢丝绳绕出角度按图示部分，避开阴影范围。Rope exit angle to comply with the sketch above, keep clear of shaded zone.

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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 2:1										
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。For machine room only.

✎ *2、本机型需选配电动松闸装置。Electric brake release required as option.

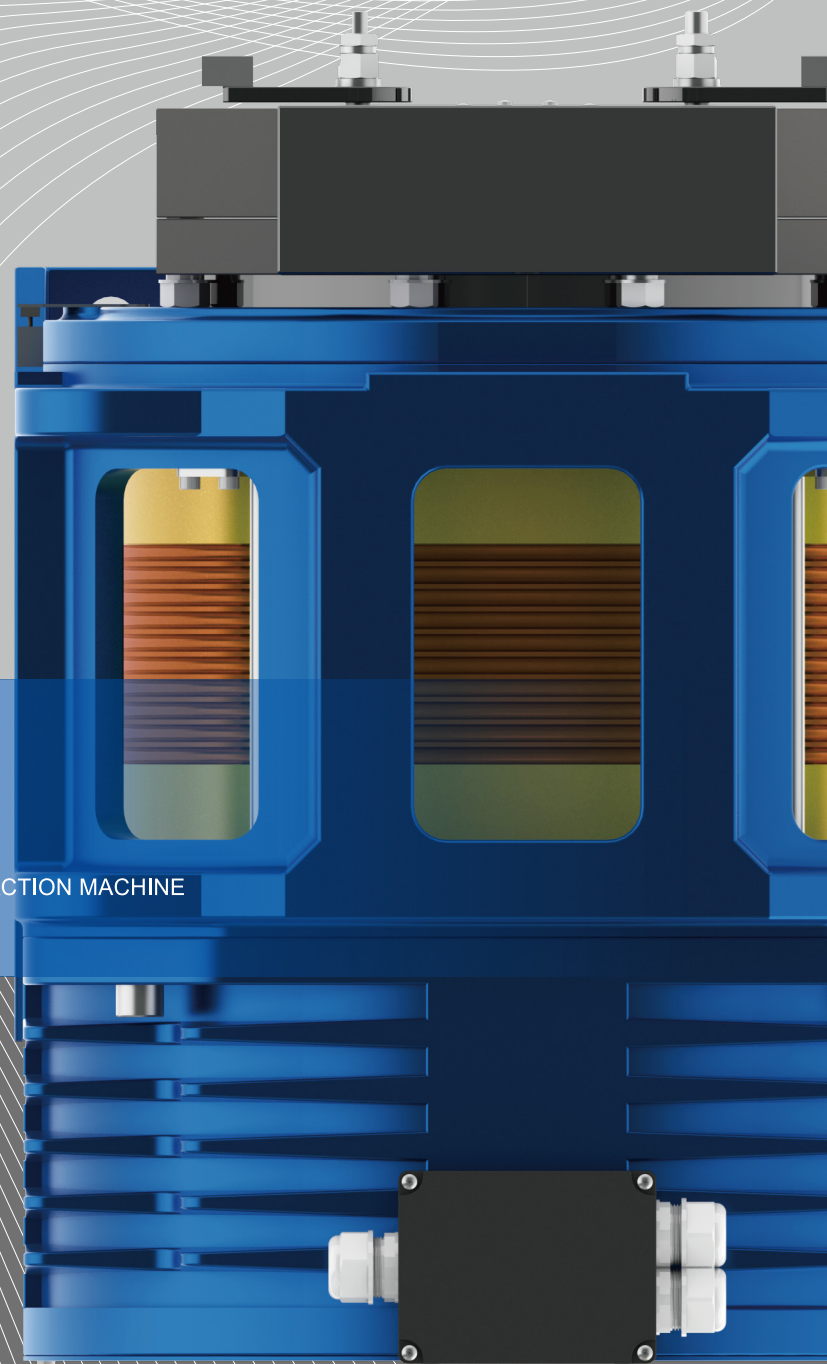
MONADRIVE®

MDD 系列

SERIES

永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE



MONADRIVE®

MDD SERIES INCLUDES MDD系列包括

额定载重Load(800~1600)kg
额定速度Speed(2.5~4.0)m/s

MDD410A •

额定载重Load(1350~2000)kg
额定速度Speed(3.0~5.0)m/s

MDD520A •

额定载重Load(1350~2500)kg
额定速度Speed(3.0~6.0)m/s

MDD540 •

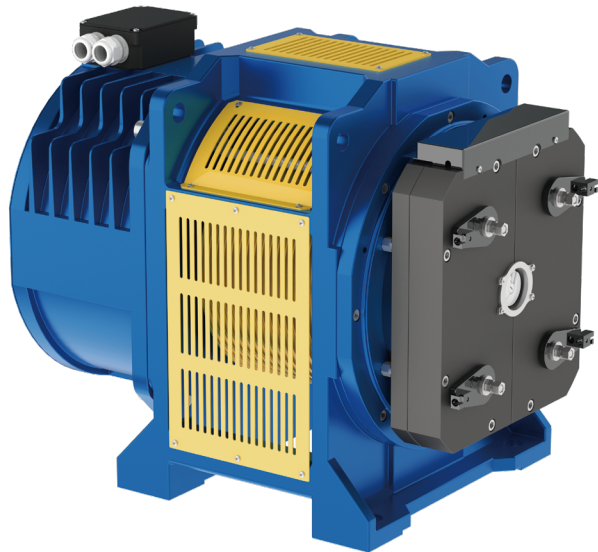
额定载重Load(1600~2000)kg
额定速度Speed(5.0~10.0)m/s

MDD710 •

MDD410A

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

MONADRIVE®

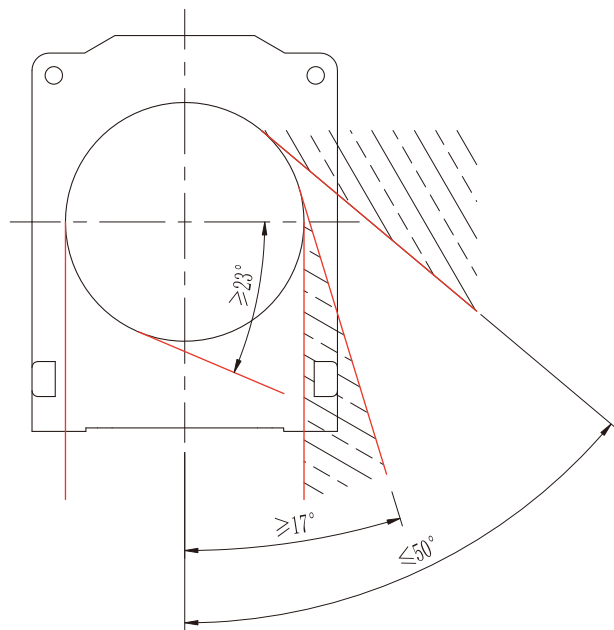
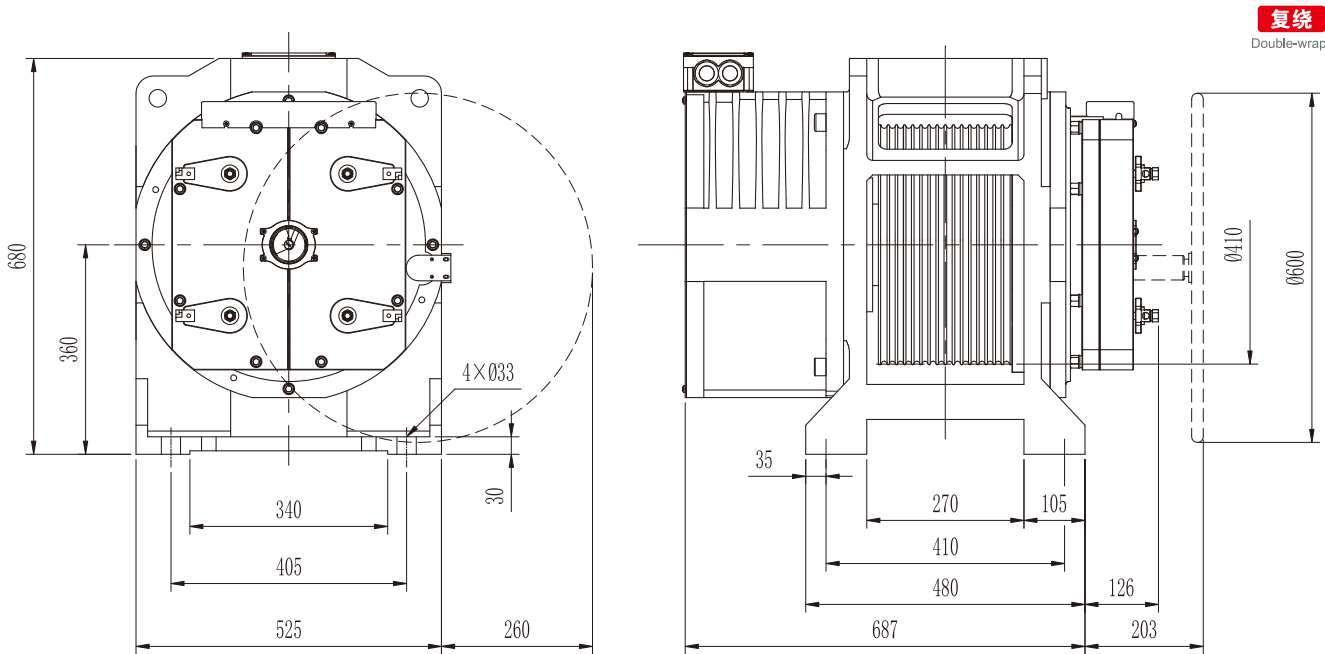


● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(800~1600)kg
● 额定梯速	Elv. Speed	(2.5~4.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	Φ410mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	12000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	800kg
☉ 制动器型号 Brake Type EMM2KD 电压U / 电流I DC110V / 2×2.5A		

规格表 SPEC.SHEET

型号	Type	MDD410A								
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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 2:1										
800-2.5	800	2.5	410	10×Φ10×12	28	12.9	233	38.8	530	20
800-3.0	800	3.0		10×Φ10×12	33	15.5	279	46.5	530	20
800-3.5	800	3.5		10×Φ10×12	39	18.1	326	54.3	530	20
800-4.0	800	4.0		10×Φ10×12	44	20.7	373	62.2	530	20
1000-2.5	1000	2.5	410	12×Φ10×12	35	15.9	233	38.8	650	20
1000-3.0	1000	3.0		12×Φ10×12	41	19.0	279	46.5	650	20
1000-3.5	1000	3.5		12×Φ10×12	48	22.2	326	54.3	650	20
1000-4.0	1000	4.0		12×Φ10×12	54	25.4	373	62.2	650	20
1150-2.5	1150	2.5	410	12×Φ10×12	39	18.3	233	38.8	750	20
1150-3.0	1150	3.0		12×Φ10×12	47	21.9	279	46.5	750	20
1150-3.5	1150	3.5		12×Φ10×12	55	25.6	326	54.3	750	20
1150-4.0	1150	4.0		12×Φ10×12	64	29.3	373	62.2	750	20
1250-2.5	1250	2.5	410	14×Φ10×12	44	20.0	233	38.8	820	20
1250-3.0	1250	3.0		14×Φ10×12	52	24.0	279	46.5	820	20
1250-3.5	1250	3.5		14×Φ10×12	61	28.0	326	54.3	820	20
1250-4.0	1250	4.0		14×Φ10×12	68	32.0	373	62.2	820	20
1350-2.5	1350	2.5	410	14×Φ10×12	46	21.5	233	38.8	880	20
1350-3.0	1350	3.0		14×Φ10×12	54	25.7	279	46.5	880	20
1350-3.5	1350	3.5		14×Φ10×12	66	30.0	326	54.3	880	20
1350-4.0	1350	4.0		14×Φ10×12	71	34.4	373	62.2	880	20
1600-2.5	1600	2.5	410	16×Φ10×12	55	25.9	233	38.8	1060	20
1600-3.0	1600	3.0		16×Φ10×12	65	31.0	279	46.5	1060	20
1600-3.5	1600	3.5		16×Φ10×12	79	36.2	326	54.3	1060	20
1600-4.0	1600	4.0		16×Φ10×12	85	41.4	373	62.2	1060	20

安装尺寸图 DIMENSIONS

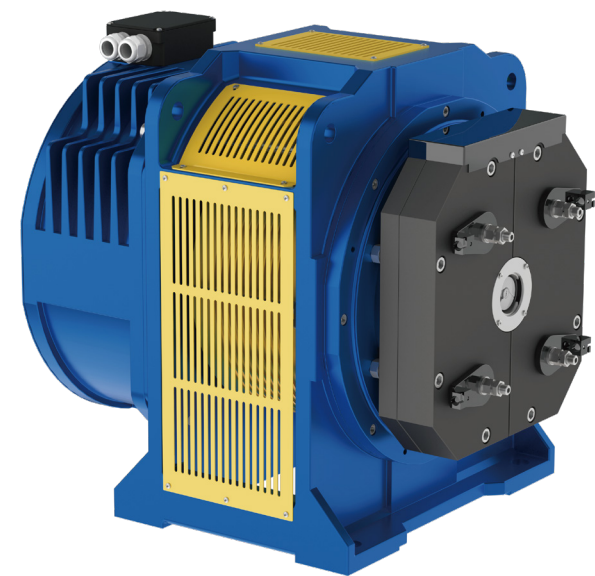


- 注 Notes:
- ✍ *1、本机型只用于有机房。 For machine room only.
 - ✍ *2、本机型绕绳方式为复绕。 Double wrap.
 - ✍ *3、钢丝绳绕出角度按图示部分，避开阴影范围。 Rope exit angle to comply with the sketch above, keep clear of shaded zone.

MDD520A

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

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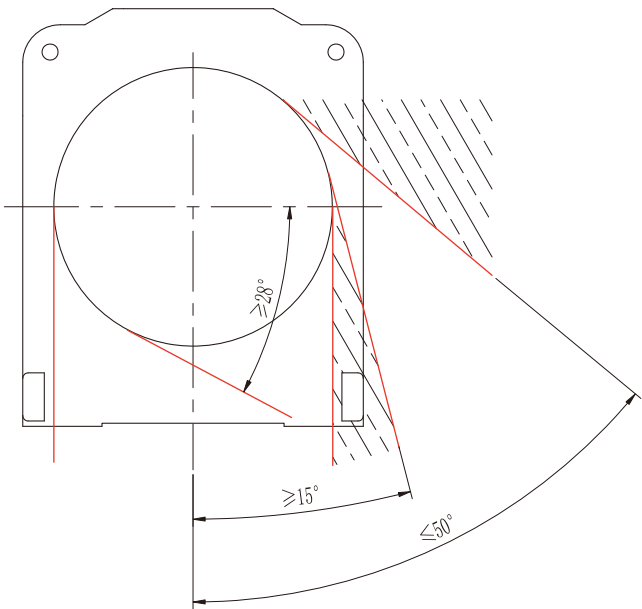
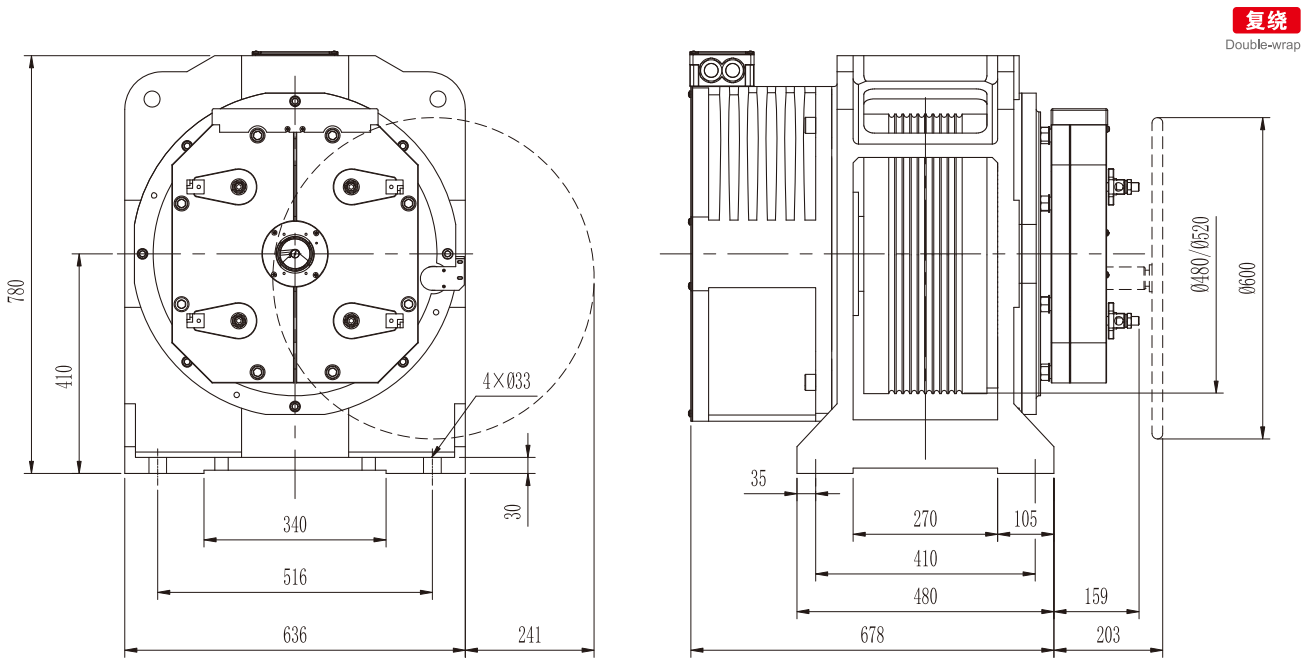


● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(1350~2000)kg
● 额定梯速	Elv. Speed	(3.0~5.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	(Φ480/Φ520)mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	14000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	890kg
⊙ 制动器型号 Brake Type EMM2KD 电压U / 电流I DC110V / 2×2.5A		

规格表 SPEC.SHEET

型号	Type	MDD520A								
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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 2:1										
1350-3.0A	1350	3.0	480	10×Φ12×18	54	25.7	239	39.8	1060	20
1350-3.5A	1350	3.5		10×Φ12×18	66	30.0	279	46.5	1060	20
1350-4.0A	1350	4.0		10×Φ12×18	71	34.4	318	53.0	1060	20
1600-3.0A	1600	3.0	480	12×Φ12×18	65	31.0	239	39.8	1250	20
1600-3.5A	1600	3.5		12×Φ12×18	79	36.2	279	46.5	1250	20
1600-4.0A	1600	4.0		12×Φ12×18	85	41.4	318	53.0	1250	20
2000-3.0A	2000	3.0	480	12×Φ12×18	86	38.8	239	39.8	1560	20
2000-3.5A	2000	3.5		12×Φ12×18	101	45.4	279	46.5	1560	20
2000-4.0A	2000	4.0		12×Φ12×18	113	51.9	318	53.0	1560	20
1350-3.0B	1350	3.0	520	10×Φ12×18	54	25.7	220	36.7	1140	20
1350-3.5B	1350	3.5		10×Φ12×18	66	30.0	257	42.8	1140	20
1350-4.0B	1350	4.0		10×Φ12×18	71	34.4	294	49.0	1140	20
1350-5.0B	1350	5.0	520	10×Φ12×18	98	43.8	367	61.2	1140	20
1600-3.0B	1600	3.0		12×Φ12×18	65	31.0	220	36.7	1350	20
1600-3.5B	1600	3.5		12×Φ12×18	79	36.2	257	42.8	1350	20
1600-4.0B	1600	4.0	520	12×Φ12×18	85	41.4	294	49.0	1350	20
1600-5.0B	1600	5.0		12×Φ12×18	113	51.9	367	61.2	1350	20
2000-3.0B	2000	3.0		12×Φ12×18	86	38.8	220	36.7	1680	20
2000-3.5B	2000	3.5	520	12×Φ12×18	101	45.4	257	42.8	1680	20
2000-4.0B	2000	4.0		12×Φ12×18	113	51.9	294	49.0	1680	20
2000-5.0B	2000	5.0		12×Φ12×18	146	64.9	367	61.2	1680	20

安装尺寸图 DIMENSIONS

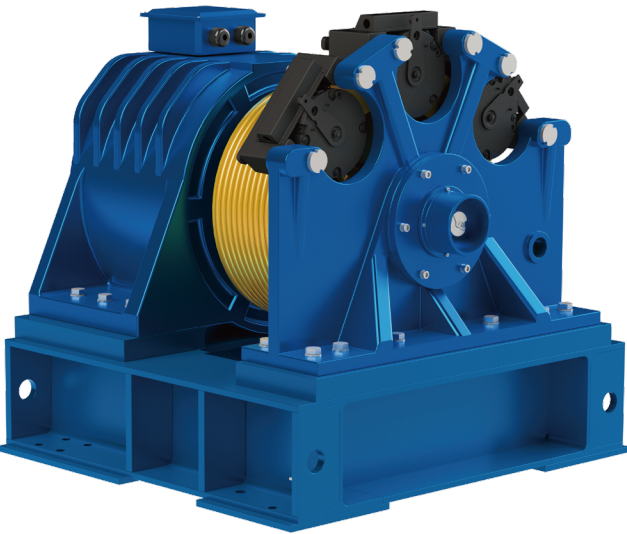


- 注 Notes:
- ✎ *1、本机型只用于有机房。 For machine room only.
 - ✎ *2、本机型绕绳方式为复绕。 Double wrap.
 - ✎ *3、钢丝绳绕出角度按图示部分，避开阴影范围。 Rope exit angle to comply with the sketch above, keep clear of shaded zone.

MDD540

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

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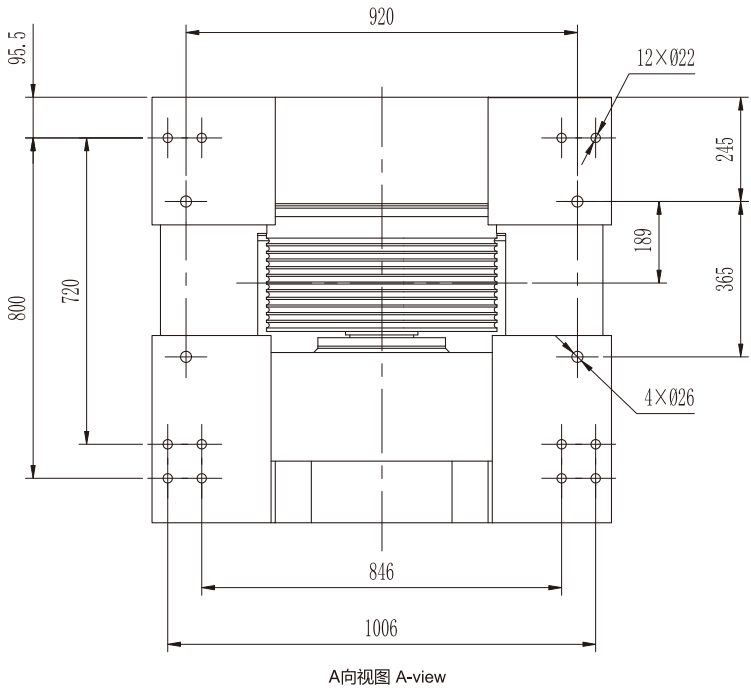
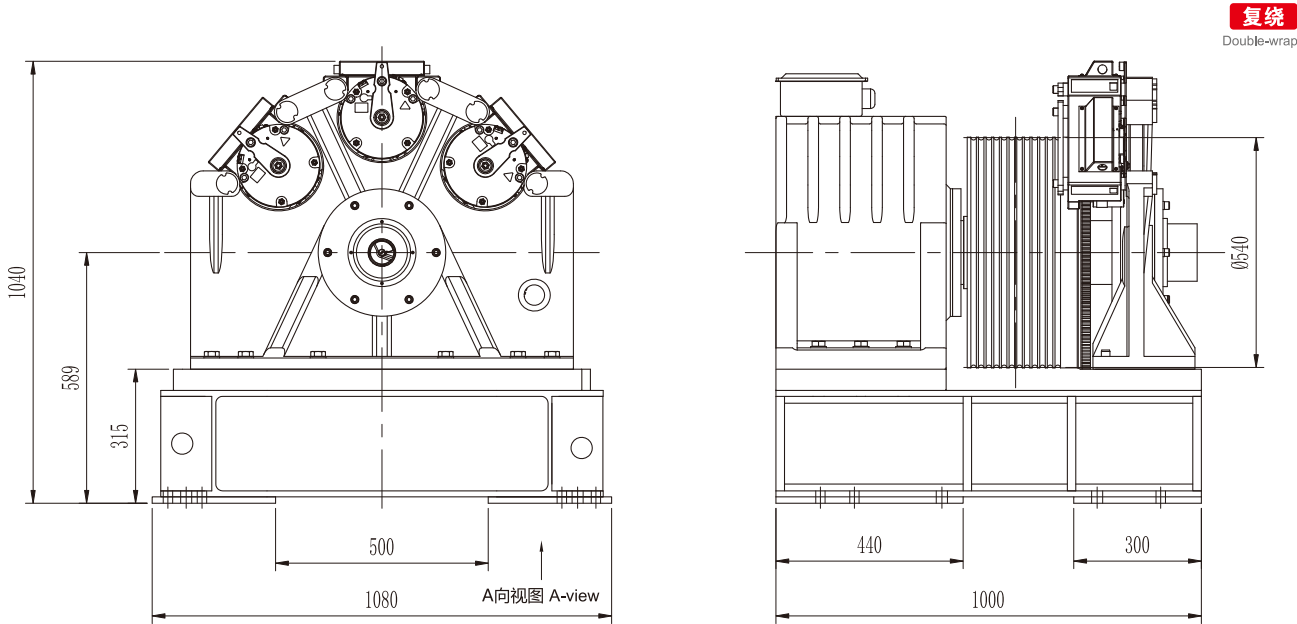
● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	2:1
● 额定载重	Rated Load	(1350~2500)kg
● 额定梯速	Elv. Speed	(3.0~6.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	Φ540mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	20000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	1250kg

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

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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 2:1										
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

安装尺寸图 DIMENSIONS

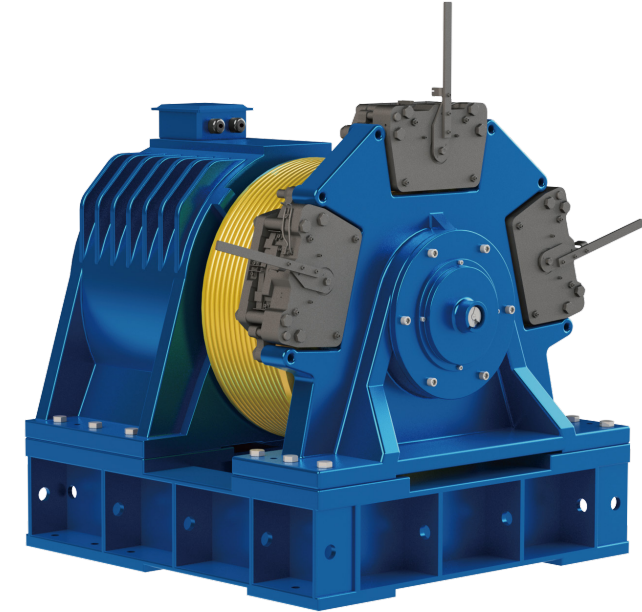


- 注 Notes:
- ※1、本机型只用于有机房。 For machine room only.
 - ※2、本机型绕绳方式为复绕。 Double wrap.
 - ※3、本机型需选配电动松闸装置。 Electric brake release required as option.

MDD710

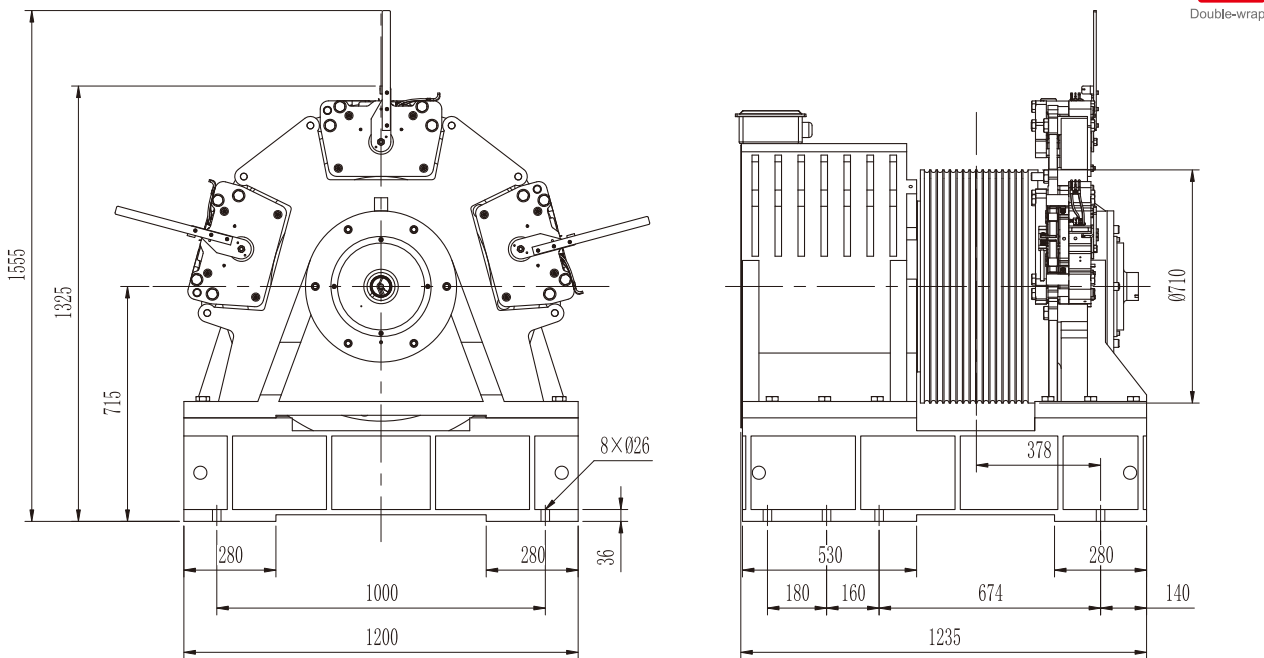
永磁同步无齿轮曳引机
PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

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● 电源电压	Voltage	380V
● 曳 引 比	Traction Ratio	1:1
● 额定载重	Rated Load	(1600~2000)kg
● 额定梯速	Elv. Speed	(5.0~10.0)m/s
● 曳引轮节径	Sheave Pitch Dia.	Φ710mm
● 防护等级	Ingress Protection	IP41
● 绝缘等级	Insulation Class	F
● 最大轴静载	Max. Static Shaft Load	40000kg
● 工 作 制	Duty Cycle	S5-40%
● 自 重	Weight (Max.)	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



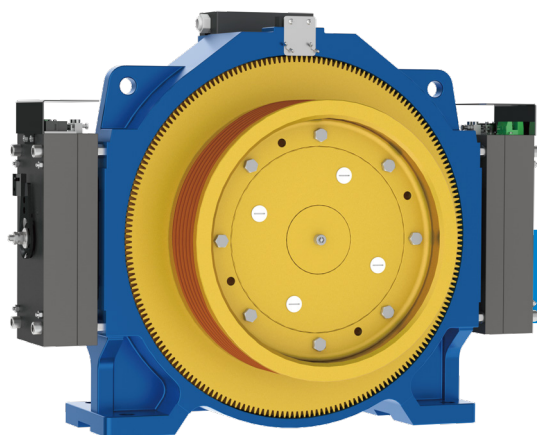
规格表 SPEC.SHEET

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	Pitch Dia.	Rope Groove	Current	Power	Speed	Freq.	Torque	Poles
	kg	m/s	mm		A	kW	r/min	Hz	N·m	
Traction Ratio 曳引比 1:1										
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
1600-10.0	1600	10.0		16×Φ16×20	218	105.6	269	71.7	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
2000-10.0	2000	10.0		16×Φ16×20	273	132.4	269	71.7	4700	32

- 注 Notes:
- *1、本机型只用于有机房。For machine room only.
 - *2、本机型绕绳方式为复绕。Double wrap.
 - *3、本机型需选配电动松闸装置。Electric brake release required as option.

MONADRIVE

TRACTION SHEAVES SIZE ALTERNATIVES



MONADRIVE®

蒙纳智造 驱动未来

改造梯主机解决方案

MCK300

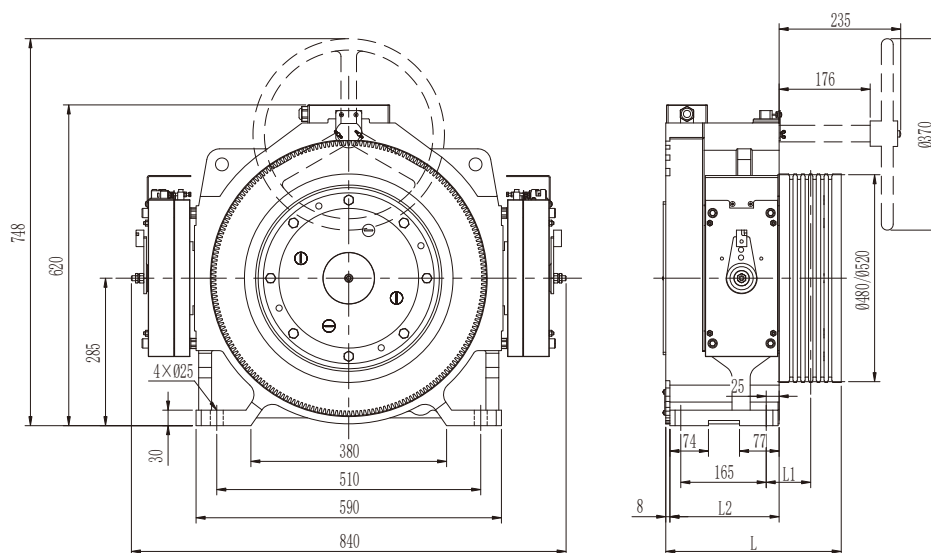
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

• 电源电压	Voltage	380V
• 额定载重	Load	(800~1000)kg
• 曳引轮节径	Sheave Diam.	(Φ480/Φ520)mm
• 防护等级	Shell Protection Grade	IP41
• 最大轴静载	Max. Axle Load	6000kg

• 曳引比	Roping	1:1 / 2:1
• 额定梯速	Elv. Speed	(1.0~1.75)m/s
• 工作制	Duty	S5-40%
• 绝缘等级	Ins. Grade	F
• 自重	Weight	450kg

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 1:1																	
800-1.0A	800	1.0	480	6×Φ12×17	17	5.2	40	10.7	1250	32	372	91	233	根据工况			
800-1.75A	800	1.75		6×Φ12×17	25	9.2	70	18.7	1250	32							
800-1.0B	800	1.0	520	4×Φ13×19	18	4.9	37	9.9	1270	32					372	91	233
800-1.75B	800	1.75		4×Φ13×19	27	8.5	64	17.1	1270	32							
Roping 曳引比 2:1																	
1000-1.0	1000	1.0	520	4×Φ13×19	16	6.3	73	19.5	830	32	372	91	233	根据工况			
1000-1.75	1000	1.75		4×Φ13×19	25	11.2	129	34.4	830	32							

• 曳引轮绳槽仅为推荐值，可根据实际工况非标定制

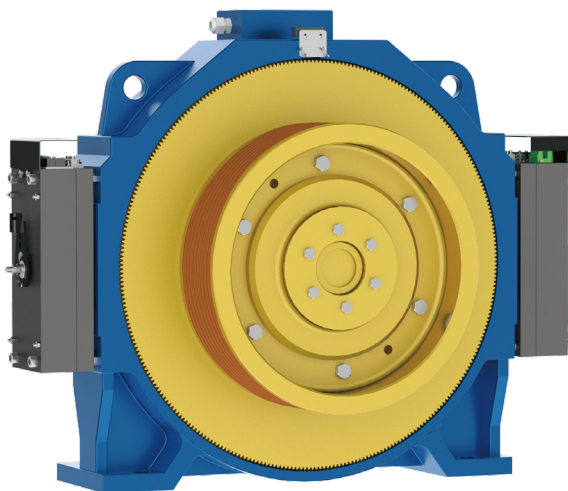
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网址：www.monadrive.cn



MONADRIVE®
蒙纳智造 驱动未来

改造梯主机解决方案

MCK500

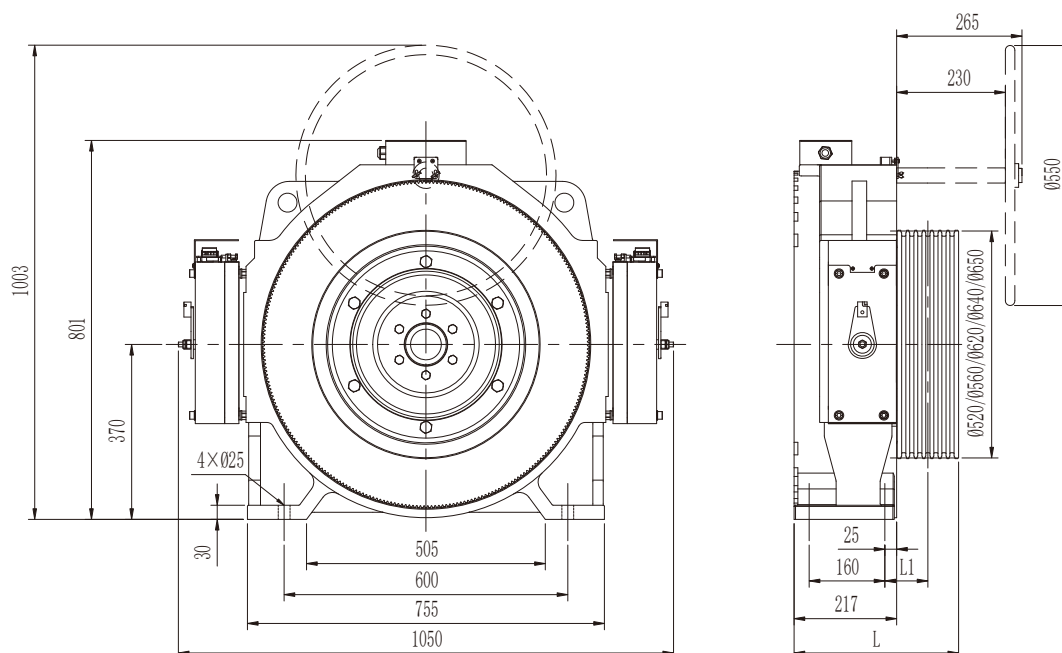
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

• 电源电压	Voltage	380V
• 额定载重	Load	(1000~1250)kg
• 曳引轮节径	Sheave Diam.	(Φ520/Φ560/Φ620/Φ640/Φ650)mm
• 防护等级	Shell Protection Grade	IP41
• 最大轴静载	Max. Axle Load	10000kg

• 曳引比	Roping	1:1
• 额定梯速	Elv. Speed	(1.0~1.75)m/s
• 工作制	Duty	S5-40%
• 绝缘等级	Ins. Grade	F
• 自重	Weight	740kg

安装尺寸图 DIMENSIONS



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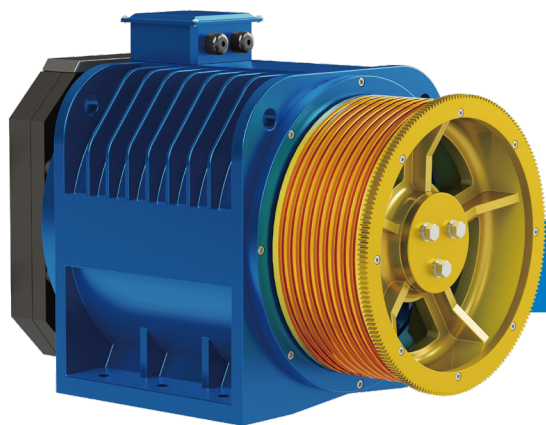


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网址：www.monadrive.cn

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 1:1													
1000-1.0	1000	1.0	520	6×Φ13×19	23	6.2	37	12.3	1590	40	365	98.5	根据工况
1000-1.75	1000	1.75		6×Φ13×19	28	10.7	64	21.3	1590	40			
1150-1.0	1150	1.0	520	6×Φ13×19	28	7.5	37	12.3	1940	40	365	98.5	
1150-1.75	1150	1.75		6×Φ13×19	35	13	64	21.3	1940	40			
1250-1.0	1250	1.0	520	7×Φ13×19	24	7.7	37	12.3	1990	40	365	98.5	
1250-1.75	1250	1.75		7×Φ13×19	36	13.3	64	21.3	1990	40			
1350-1.0	1350	1.0	520	7×Φ13×19	31	8.3	37	12.3	2140	40	365	98.5	
1350-1.75	1350	1.75		7×Φ13×19	38	14.3	64	21.3	2140	40			
1000-1.0	1000	1.0	560	6×Φ13×19	24	6.1	34	11.3	1710	40	365	98.5	
1000-1.75	1000	1.75		6×Φ13×19	30	10.7	60	20.0	1710	40			
1150-1.0	1150	1.0	560	6×Φ13×19	23	7	34	11.3	1970	40	365	98.5	
1150-1.75	1150	1.75		6×Φ13×19	35	12.4	60	20	1970	40			
1250-1.0	1250	1.0	560	7×Φ13×19	25	7.6	34	11.3	2140	40	365	98.5	
1250-1.75	1250	1.75		7×Φ13×19	38	13.4	60	20.0	2140	40			
1350-1.0	1350	1.0	560	7×Φ13×19	28	8.2	34	11.3	2310	40	365	98.5	
1350-1.75	1350	1.75		7×Φ13×19	41	14.5	60	20	2310	40			
1000-1.0	1000	1.0	620	6×Φ13×19	18	6.1	31	10.3	1890	40	365	98.5	
1000-1.75	1000	1.75		6×Φ13×19	30	10.7	54	18.0	1890	40			
1150-1.0	1150	1.0	620	6×Φ13×19	26	7.1	31	10.3	2180	40	365	98.5	
1150-1.75	1150	1.75		6×Φ13×19	35	12.3	54	18	2180	40			
1250-1.0	1250	1.0	620	7×Φ13×19	28	7.7	31	10.3	2370	40	365	98.5	
1250-1.75	1250	1.75		7×Φ13×19	38	13.4	54	18.0	2370	40			
1350-1.0	1350	1.0	620	7×Φ13×19	30	8.3	31	10.3	2560	40	365	98.5	
1350-1.75	1350	1.75		7×Φ13×19	41	14.5	54	18	2560	40			
1000-1.0	1000	1.0	640	6×Φ13×19	19	6.2	30	10.0	1960	40	365	98.5	
1000-1.75	1000	1.75		6×Φ13×19	31	10.7	52	17.3	1960	40			
1150-1.0	1150	1.0	640	6×Φ13×19	27	7.1	30	10	2250	40	365	98.5	
1150-1.75	1150	1.75		6×Φ13×19	36	12.3	52	17.3	2250	40			
1250-1.0	1250	1.0	640	7×Φ13×19	29	7.7	30	10.0	2440	40	365	98.5	
1250-1.75	1250	1.75		7×Φ13×19	40	13.3	52	17.3	2440	40			
1350-1.0	1350	1.0	640	7×Φ13×19	31	8.3	30	10	2640	40	365	98.5	
1350-1.75	1350	1.75		7×Φ13×19	43	14.4	52	17.3	2640	40			
1000-1.0	1000	1.0	650	6×Φ13×19	20	6.0	29	9.7	1990	40	365	98.5	
1000-1.75	1000	1.75		6×Φ13×19	31	10.6	51	17.0	1990	40			
1150-1.0	1150	1.0	650	6×Φ13×19	27	6.9	29	9.7	2280	40	365	98.5	
1150-1.75	1150	1.75		6×Φ13×19	37	12.2	51	17	2280	40			
1250-1.0	1250	1.0	650	7×Φ13×19	30	7.5	29	9.7	2480	40	365	98.5	
1250-1.75	1250	1.75		7×Φ13×19	40	13.2	51	17.0	2480	40			
1350-1.0	1350	1.0	650	7×Φ13×19	32	8.1	29	9.7	2680	40	365	98.5	
1350-1.75	1350	1.75		7×Φ13×19	43	14.3	51	17	2680	40			

● 曳引轮绳槽仅为推荐值，可根据实际工况非标定制





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蒙纳智造 驱动未来

改造梯主机解决方案

MONA560

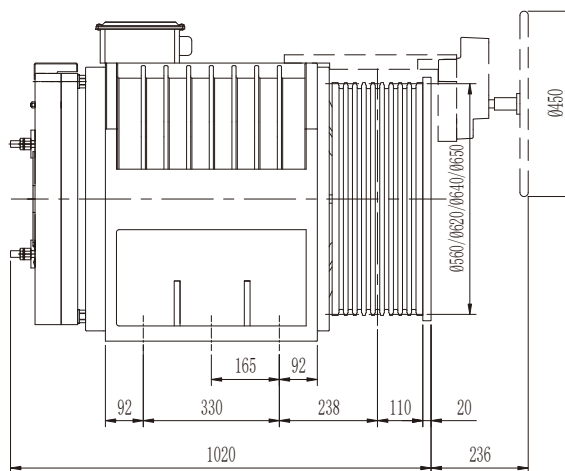
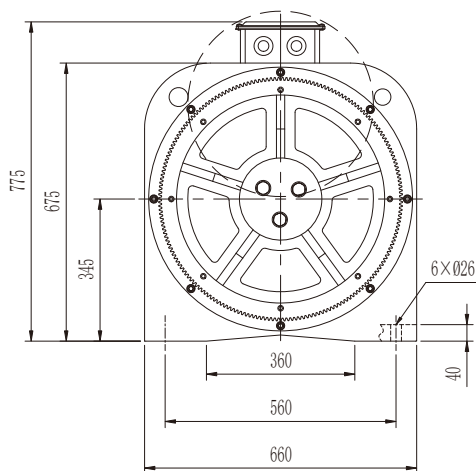
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

• 电源电压	Voltage	380V
• 额定载重	Load	1600kg
• 曳引轮节径	Sheave Diam.	(Φ560/Φ620/Φ640/Φ650)mm
• 防护等级	Shell Protection Grade	IP41
• 最大轴静载	Max. Axle Load	14000kg

• 曳引比	Roping	1:1
• 额定梯速	Elv. Speed	(1.0~1.75)m/s
• 工作制	Duty	S5-40%
• 绝缘等级	Ins. Grade	F
• 自重	Weight	1200kg

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
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											
1600-1.0A	1600	1.0	560	8×Φ13×19	36	10.4	34	5.7	2910	20	根据工况
1600-1.75A	1600	1.75		8×Φ13×19	47	18.3	60	10.0	2910	20	
1600-1.0B	1600	1.0	620	8×Φ13×19	31	10.5	31	5.2	3220	20	
1600-1.75B	1600	1.75		8×Φ13×19	46	18.2	54	9.0	3220	20	
1600-1.0C	1600	1.0	640	8×Φ13×19	32	10.4	30	5.0	3320	20	
1600-1.75C	1600	1.75		8×Φ13×19	48	18.1	52	8.7	3320	20	
1600-1.0D	1600	1.0	650	8×Φ13×19	33	10.3	29	4.8	3380	20	
1600-1.75D	1600	1.75		8×Φ13×19	43	18.1	51	8.5	3380	20	

• 曳引轮绳槽仅为推荐值，可根据实际工况非标定制

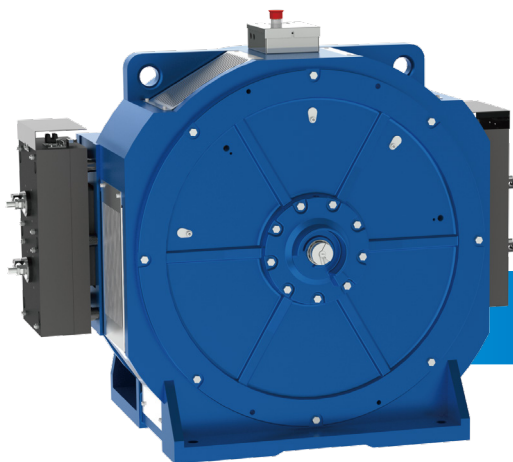
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MGK640

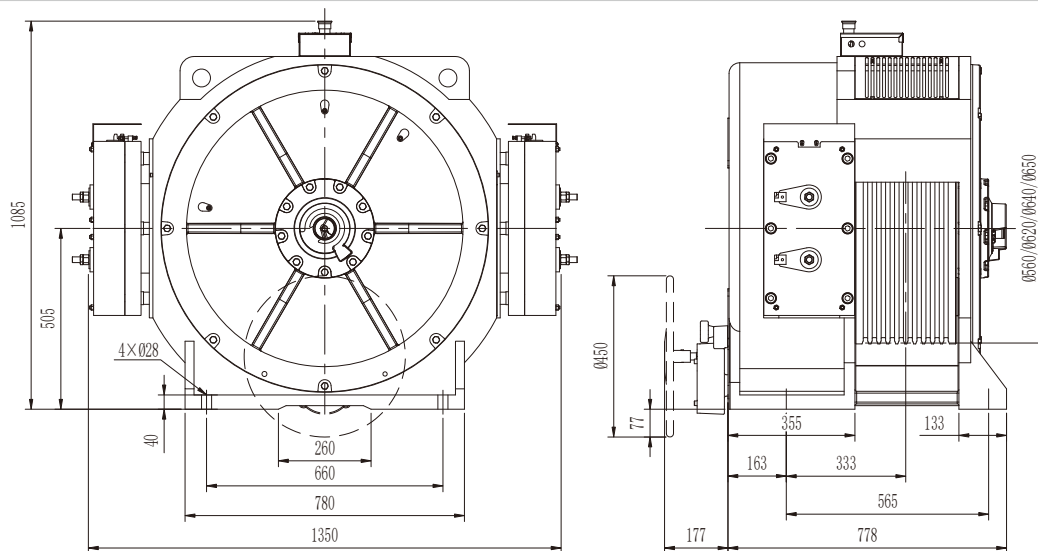
永磁同步无齿轮曳引机

PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

• 电源电压	Voltage	380V
• 额定载重	Load	1600kg
• 曳引轮节径	Sheave Diam.	(Φ560/Φ620/Φ640/Φ650)mm
• 防护等级	Shell Protection Grade	IP41
• 最大轴静载	Max. Axle Load	18000kg

• 曳引比	Roping	1:1
• 额定梯速	Elv. Speed	(1.0~1.75)m/s
• 工作制	Duty	S5-40%
• 绝缘等级	Ins. Grade	F
• 自重	Weight	1800kg

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	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		°
Roping 曳引比 1:1											
1600-1.0A	1600	1.0	560	8×Φ13×19	37	10.4	34	13.6	2910	48	根据工况
1600-1.75A	1600	1.75		8×Φ13×19	51	18.3	60	24.0	2910	48	
1600-1.0B	1600	1.0	620	8×Φ13×19	32	10.5	31	12.4	3220	48	
1600-1.75B	1600	1.75		8×Φ13×19	42	18.2	54	21.6	3220	48	
1600-1.0C	1600	1.0	640	8×Φ13×19	33	10.4	30	12.0	3320	48	
1600-1.75C	1600	1.75		8×Φ13×19	43	18.1	52	20.8	3320	48	
1600-1.0D	1600	1.0	650	8×Φ13×19	33	10.3	29	11.6	3380	48	
1600-1.75D	1600	1.75		8×Φ13×19	44	18.1	51	20.4	3380	48	

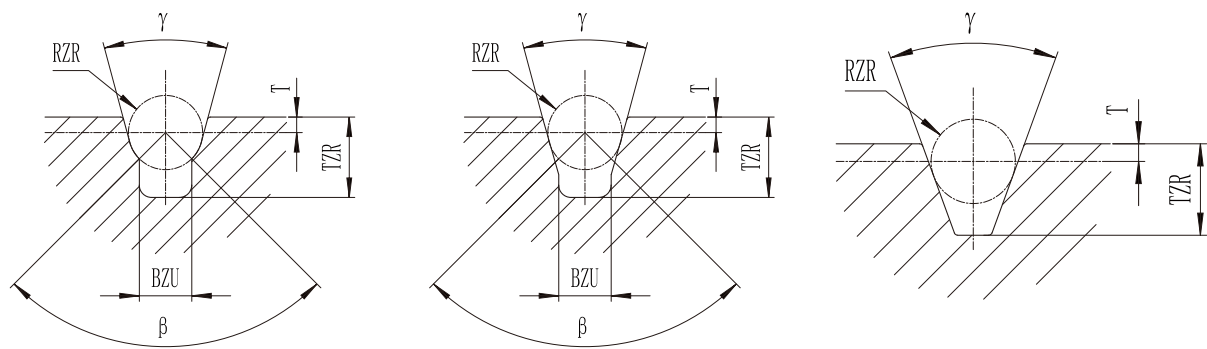
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• 曳引轮绳槽仅为推荐值，可根据实际工况非标定制



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网址：www.monadrive.cn

SHEAVE GROOVE



U-shape undercut groove

V-shape undercut groove

V-shape groove

- The groove shape can be customized.
- V-shape groove needs to be hardened.

BRAKE



EMK block brake for MCK/MCB



EMM disk brake for MONA/MGD/MQ



MONADRIVE®
Block type brake automatic production line

2026

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We will keep you posted on any data changes

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