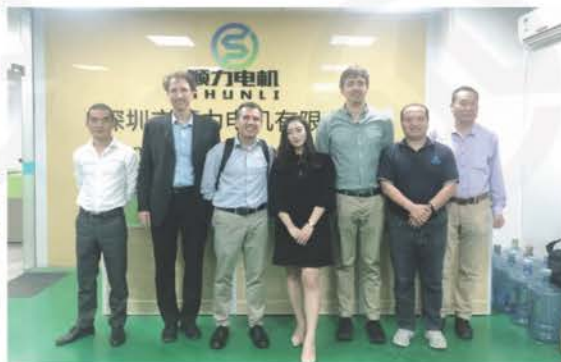




直流减速电机 • 交流减速电机 • 直流电机
DC GEAR MOTOR • AC GEAR MOTOR • DC MOTOR

深圳市顺力电机有限公司
Shenzhen Shunli Motor Co., Ltd





公司简介

COMPANY INTRODUCTION

深圳市顺力电机有限公司成立于2005年，是一家专业从事各类微型直流电机、齿轮减速电机、行星减速电机及特种齿轮箱电机的研发、生产和销售的高科技民营企业。产品广泛用于汽车、通讯设备、智能家居、医疗设备、智能安防、家用电器、西餐设备、机械电子、高端传动机构等，产品远销国内外50几个国家和地区。

深圳市顺力电机目前拥有三个生产基地，分别位于深圳、东莞和惠州，合计员工600多人，其中研发团队超过20人，品质团队35人，在微电机领域积累了十几年的丰富经验和成功案例，专业为客户提供整体传动机构的解决方案，年产各类电机超过3000万台，均符合CE、ROHS、FCC等要求，严格执行ISO9001:2015管理体系。同时，我公司从德国、日本、瑞士等国家引进几十台先进的生产设备和检测设备，如：瓦力滚齿机、精密数控车床、精密铣床、自动化流水线、3D影响测试仪、齿轮检测仪、硬度计、寿命测试仪等。

深圳市顺力电机有限公司坚持科技创新，走专心、专注、专业化发展道路，在实际应用中广泛采用大量新技术、新材料、新工艺以满足于客户对电机使用的不同要求。

Shenzhen Shunli Motor is a DC Motors, DC Gear Motors manufacturer and exporter ever since 2005. is a high-tech private enterprise specializing in R&D, production and sales of various types of miniature DC motors, geared motor, planetary geared motors and special gearbox motors. Products are widely used in automobiles, communication equipment, smart home, medical equipment, intelligent security, household appliances, western kitchen equipment, machinery and electronics, high-end transmission mechanisms, etc. The products are sold to more than 50 countries and regions at home and abroad.

Shenzhen Shunli Motor currently has three production bases in Shenzhen, Dongguan and Huizhou. It has more than 600 employees, including R&D teams is more than 20 engineers and quality teams more than 35 employees. It has accumulated more than ten years of experience in the field of micro-motors. And successful cases, professional to provide customers with the overall transmission mechanism solutions, with an annual output of more than 30 million types of motors, are in line with CE, ROHS, FCC and other requirements, strictly implement the ISO9001: 2015 management system. At the same time, our company has introduced dozens of advanced production equipment and testing equipment from Germany, Japan, Switzerland and other countries, such as: caliper gear hobbing machine, precision CNC lathe, precision milling machine, automatic assembly line, 3D impact tester, gear detector, hardness Bucket, life tester, etc.

Shenzhen Shunli Motor Co., Ltd. adheres to scientific and technological innovation, takes a focused, dedicated and professional development path, and adopts a large number of new technologies, new materials and new processes in practical applications to meet the different requirements of customers for motor application.

检测设备 INSPECTION INSTRUMENT

检验行为贯彻整个生产流程。我们使用三座标测量仪(3D)、硬度计、齿轮测量中心、测功机、电机综合性能测试仪、寿命测试架、恒温恒湿试验箱、噪音测试箱、盐雾测试箱等，从原材料到成品做如下一系列的检测：

- 模具检测
- 来产批次检验
- 来料寿命测试
- 开机首检
- 操作员自检
- 生产线上的巡检和点检
- 关键尺寸和电机性能的全检
- 产品入库时的终检和出库时的抽检
- 电机寿命测试

Inspection occurs throughout the whole process flow. Utilizing Hexagon CMM, Hardness tester, Gear measuring machine, Torque tester, Magtrol motor, Performance tester, Life tester, Humidity Chamber, Noise Tester, Salt spray tester and other geometrical and electrical testing equipment, we perform a battery of inspections from tooling, materials to finished products as follows:

- Tooling inspection
- Material lot acceptance inspection
- Material life test
- First article inspection
- Operator self-inspection
- Random inspection
- Random inspection
- 100% inspection to key process and motor electric performance
- Final inspection
- Outgoing inspection
- Motor life test



Hexagon CMM
三座标测量仪(3D)



Hardness tester
硬度计



Gear measuring machine
齿轮测量中心



Torque tester
测功机



Magtrol motor
performance tester
电机综合性能测试仪



Life tester
寿命测试架



Humidity Chamber
恒温恒湿试验箱



Noise Tester
噪音测试箱



Salt spray tester
盐雾测试箱

生产设备 PRODUCTION EQUIPMENT



Automatic winding machine
自动绕线机



DC Motor automatic assembly machine
直流电机自动组装机



High-precision Hobbing Machine
国产高精度滚齿机



Switzerland WAHLI Hobbing Machine
瑞士WAHLI滚齿机



Japan HAMAI Hobbing Machine
日本HAMAI滚齿机



Gearmotor automatic assembly machine
齿轮箱电机自动装配机



FOCUS

专注

微型减速电机十三年



因为专业 所以选择

Focus on Mini geared motor for thirteen years



顺势而为

>> Follow the trend

力争上游

Strive for the best >>

DC Motor Model Number Instruction

R S - 5 4 0 S H F V C 2 J 2 - 2 1 1 0 0 R

Accessories

F: Inside cooling fan
V: Varistor
C: Capacitor 2: 2pcs
J: Choke 2: 2pcs

R: Flux ring
B: Multi-knurls
L: Four knurls
D: D-shape
G: Gear
U: Eccentric wheel

End cap type

A: Plastic end cap
H: Metal end cap

Magnet wire diameter and turn no. of armaturewinding per slot

21: $\Phi 0.21\text{mm}$
100: 100 turns per slot

Magnet type

R: C-shape isotropic magnet
T: Ring shape isotropic magnet
S: P.V.W: Anisotropic magnet or rare-earth magnet
C: Rubber magnet

Motor model: 540

5: Code number of armature diameter

N: $\Phi 8.5$ 0: $\Phi 9.35$ 1: $\Phi 13.0$ 2: $\Phi 15.0$
3: $\Phi 17.0$ 5: $\Phi 23.0$ 7: $\Phi 28.0$ 9: $\Phi 34.0$

4: Code number of housing length

0: Number of armature slots

0: 3 slots 5: 5 slots 7: 7 slots 12: 12 slots 16: 8 slots

Brush type:

E.A.U.F: Precious metal brush
C.K.H.S.T: Carbon brush

Motor shape:

R: Round
F: Flat
S: Square

Note

1. This instruction only applies to standard model.
2. The meaning of the numbers and letters might be different if material or process is changed.
3. For more information, please feel free to contact Kinmore sales engineer directly.

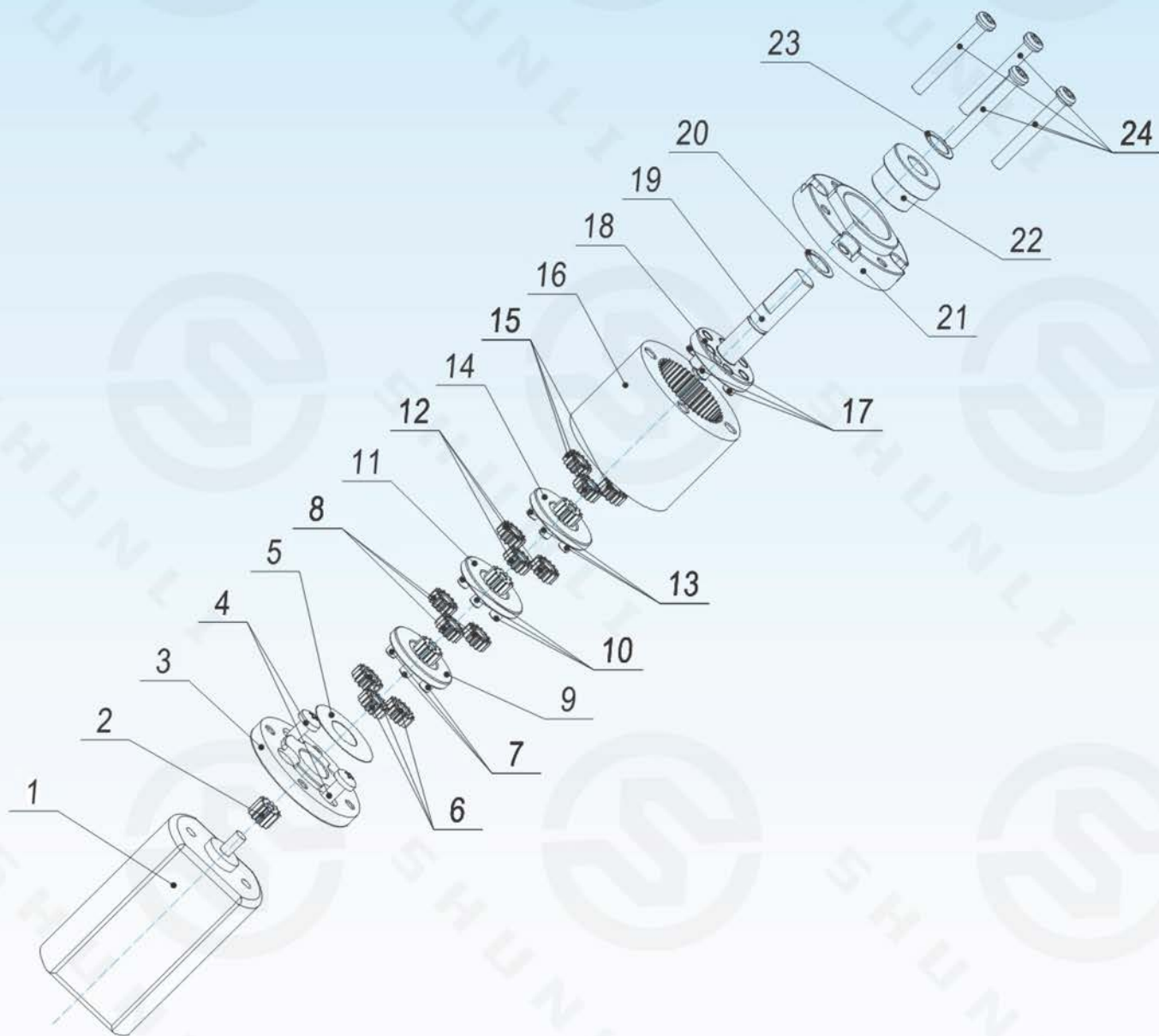
S L - G M P 20 P M180 D012 - 100K

Company code



Explosive View of Planet Gear Motor

直流行星减速电机爆炸图

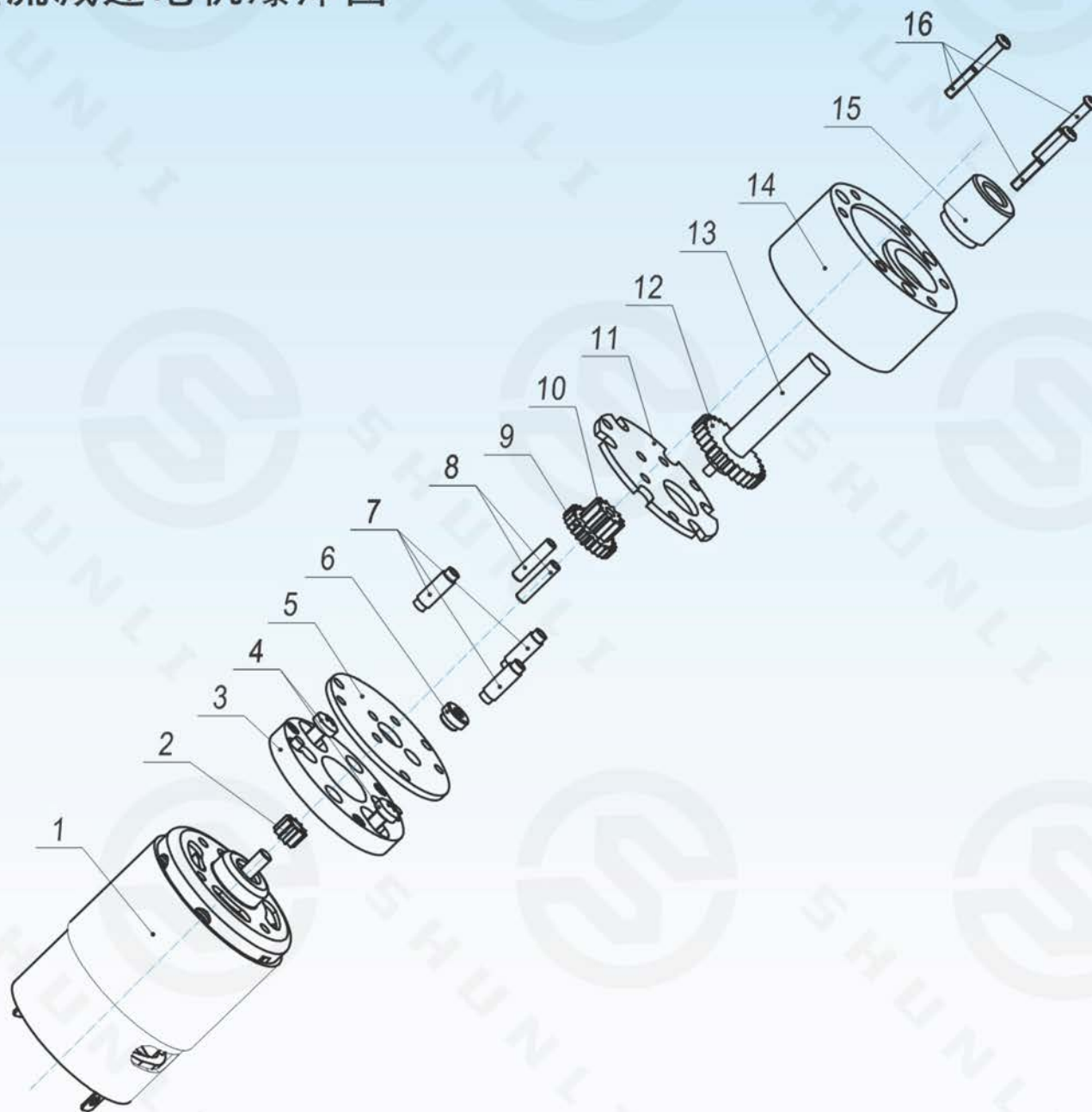


No.	Name	Number
1	直流电机 PMDC Motor	1 Pcs
2	起步齿轮 Starting Gear	1 Pcs
3	连接板 Junction Plate	1 Pcs
4	电机螺丝 Motor Screw	2 Pcs
5	不锈钢垫片Stainless Washer	1 Pcs
6	行星齿轮1 Planet Gear	3 Pcs
7	轮轴1 Gear Shaft	3 Pcs
8	行星齿轮2 Planet Gear	3 Pcs
9	行星架1 Planet Carrier	1 Pcs
10	轮轴2 Gear Shaft	3 Pcs
11	行星架2 Planet Carrier	1 Pcs
12	行星齿轮3 Planet Gear	3 Pcs

No.	Name	Number
13	轮轴3 Gear Shaft	3 Pcs
14	行星架3 Planet Carrier	1 Pcs
15	行星齿轮4 Planet Gear	4 Pcs
16	内齿圈Inner Gear Ring	1 Pcs
17	轮轴4 Gear Shaft	4 Pcs
18	行星架4 Planet Carrier	1 Pcs
19	输出轴 Shaft	1 Pcs
20	不锈钢垫片Stainless Washer	1 Pcs
21	齿轮箱盖板Gearbox Cover Plate	1 Pcs
22	含油轴承 Oil Bearing	1 Pcs
23	不锈钢垫片Stainless Washer	1 Pcs
24	机壳螺丝 Casing Screw	4 Pcs

Explosive View of Gear Motor

直流减速电机爆炸图



No.	Name	Number
1	直流电机 PMDC Motor	1 Pcs
2	起步齿轮 Starting Gear	1 Pcs
3	连接板 Junction Plate	1 Pcs
4	电机螺丝 Motor Screw	2 Pcs
5	下夹板 Die Holder Set	1 Pcs
6	含油轴承1 Oil Bearing	1 Pcs
7	撑柱 Support Bar	3 Pcs
8	轮轴 Gear Shaft	2 Pcs

No.	Name	Number
9	片齿轮 Chip gear	1 Pcs
10	轴齿轮 Shaft gear	1 Pcs
11	上夹板 Punch Holder Set	1 Pcs
12	输出齿轮 Output Gear	1 Pcs
13	输出轴 Shaft	1 Pcs
14	齿轮箱机壳 Gearbox Casing	1 Pcs
15	含油轴承2 Oil Bearing	1 Pcs
16	机壳螺丝 Casing Screw	3 Pcs

C 目录 >>> CATALOG

DC GEAR MOTOR 直流减速电机



GM10AMM10/M20	01	GM2218FMN20	24
GM12AMN10/N20/M30	02	GM2219FMN20	25
GM13AM030/050	03	GM80SM545/555/575	26
GM13RM030/050	04	GM80SMBL3626/3630/3640/3650/3657	27
GM1220EMN20/N30	05	GM95SM545/555/575	28
GM16AM030/050	06	GM95SMBL3626/3630/3640/3650/3657	29
GM20AMBL2418	07	GMP10PMM10/M20	30
GM20AM130/180	08	GMP12PMN20/N30	31
GM24FMN20/N30	09	GMP16PM030/050	32
GM25AM310/370	10	GMP22M130/180	33
GM25AM365/385/395	11	GMP22M250/250L	34
GM25AMBL2430	12	GMP24M370	35
GM37BM3525/M3530/M3540	13	GMP24MBL2430	36
GM37BM545/555/575	14	GMP28M365/385/395	37
GM37BMBL3626/3630/3640/3650/3657	15	GMP28MBL2838/BL2847	38
GM46EM370	16	GMP32M365/385/395	39
GM58EM545/555/575	17	GMP32M3157	40
GM58EM3157	18	GMP36M545/555/575	41
GM55EM385	19	GMPL36MBL3626/3630/3640/3650/3657	42
GM62EM385/395	20	GMP42M755/775	43
GM150DM545/555	21	GMP42MBL4260	44
GM824FMN20	22	GMP57M3435/3440	45
GM2215FMN20	23		



DC MOTOR

直流电机

FF-M10VA	50
FF-M20VA	50
FF-N20VA	51
FF-N30VA	51
FF-030PA/PK	52
FF/FK-050PH/TS	52
FF/FK-130H	53
FF/FK-180H	53
FK-280SA	54
RF/RC-370H	54
RS-360H/365H	55
RS-380H/385H	55
RS-390H/395H	56
RS-540H/545H	56
RS-55H0/555H	57
RS-570H/575H	57
RS-750H/755H	58
RS-770H/775H	58
SL-DN20	59
SL-DM20	59
SL-D130B	60
SL-D1220	60

AC GEAR MOTOR

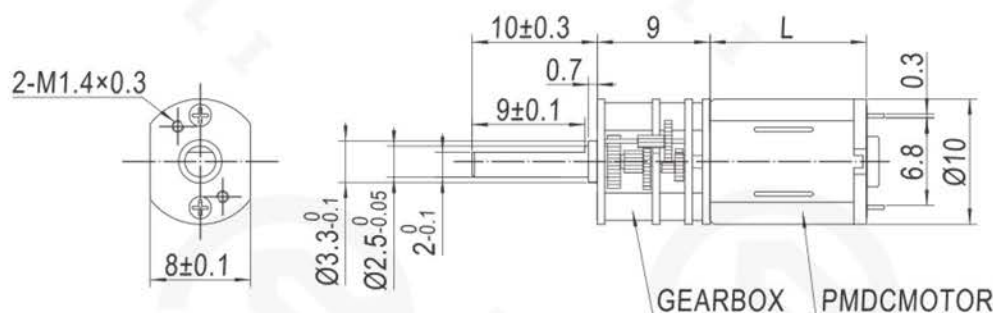
交流减速电机

GM60A Series	46
GM61C Series	47
GM70B Series	48
GM70C Series	49



DC GEAR MOTOR

Model: GM10AMM10/M20



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

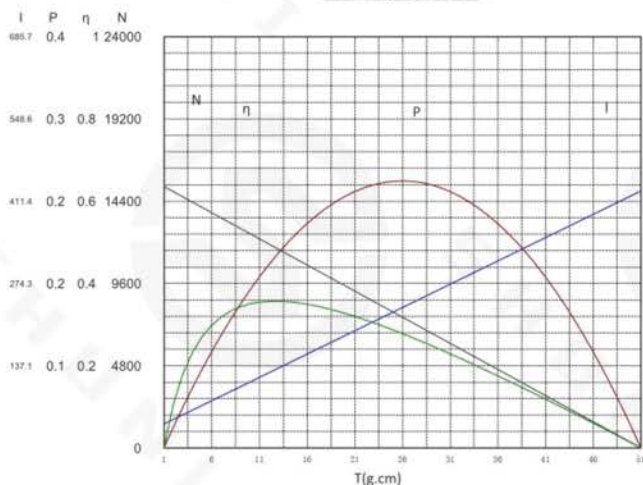
齿轮箱电机技术参数 Gearmotor Technical Date

减速比 Ratio	100K	250K							
齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
GM10AMM10-100K	1:100	3 VDC	15.2	≤45	11.6	≤140	8.5/85	≤450	38/380
GM10AMM20-250K	1:250	4.5 VDC	64	≤50	48	≤150	36/360	≤490	135/1350

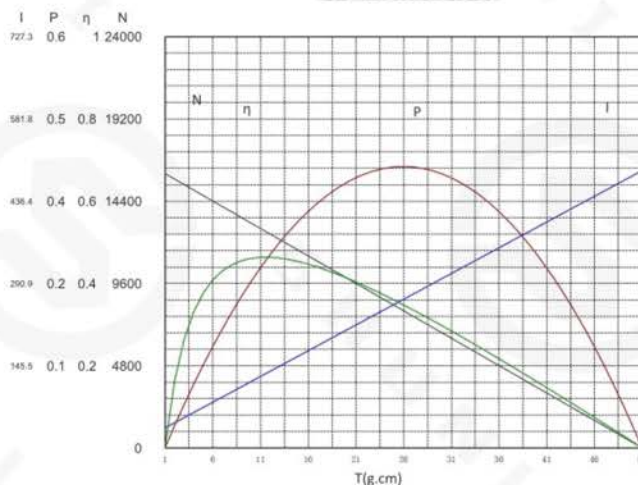
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "L"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-M10	0315200	12.5	15200	≤40	11600	≤130	0.15/1.5	≤450	0.66/6.6
SL-M20	04516000	15	16000	≤45	12000	≤140	0.25/2.5	≤490	0.95/9.5

SL-M100315200

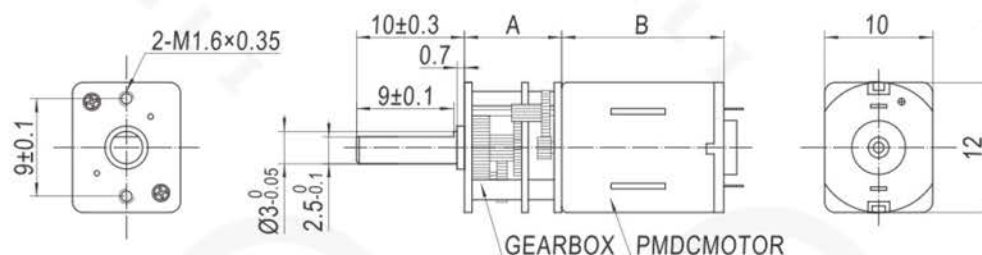


SL-M2004516000



DC GEAR MOTOR

Model: GM12AMN10/N20/N30



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

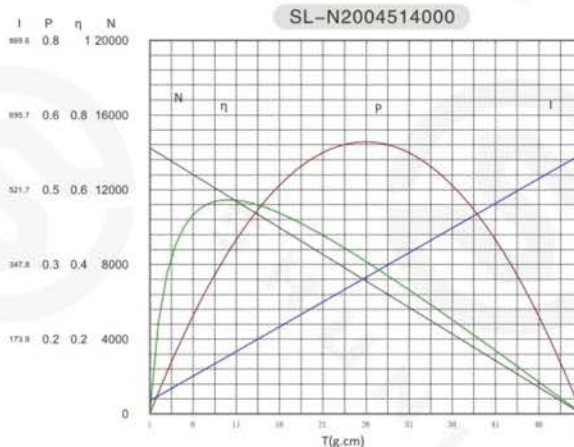
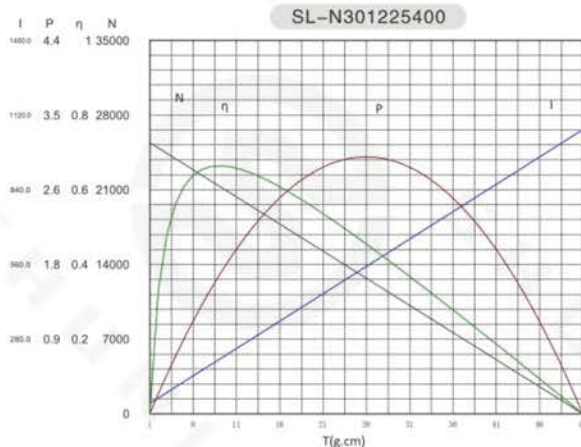
级数 Number of stages	2	4	5	7
减速比 Ratio	3K/5K/10K	17K/20K/30K/36K/ 50K/63K/100K/	110K/150K/210K/ 250K/298K/380K	372K/625K/1000K
齿轮箱长度 Gearbox Length "A" (mm)	9.0	9.0	9.0	12.1
最大额定可承载扭力 Max. Rated Torque	200 gf.cm	600 gf.cm	1000 gf.cm	1500 gf.cm
最大破坏扭力 Max. Gear Broken Torque	600 gf.cm	1500 gf.cm	2800 gf.cm	3500 gf.cm
效率 Gearbox Efficiency	80%~90%	65%~70%	55%~60%	45%~50%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
GM12AMN10-298K	1:298	4.6 VDC	70	≤80	55	≤285	55/550	≤700	120/2100
GM12AMM20-150K	1:150	4.5 VDC	92	≤55	80	≤140	28/280	≤700	120/100
GM12AMM30-10K	1:10	6 VDC	2500	≤60	2200	≤195	4.0/40	≤400	26/260

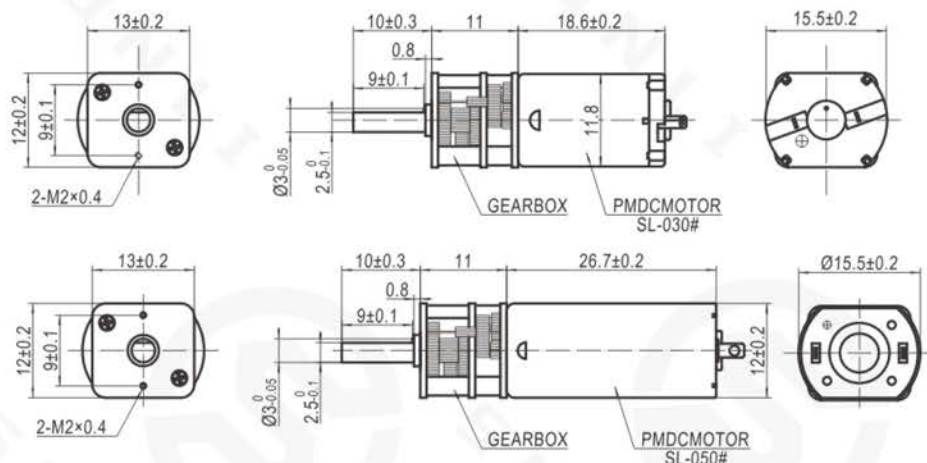
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N10 04622000	10	4.6 VDC	22000	≤55	17000	≤235	0.25/2.55	≤675	1.1/11
SL-N20 04514000	15	4.5 VDC	14000	≤40	12000	≤130	0.25/2.5	≤650	1.5/15
SL-N30 1225400	20	12 VDC	25400	≤50	22600	≤170	0.5/5	≤380	4.2/42



DC GEAR MOTOR

Model: GM13AM030/050



电机参数及减速箱输出轴可以按客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

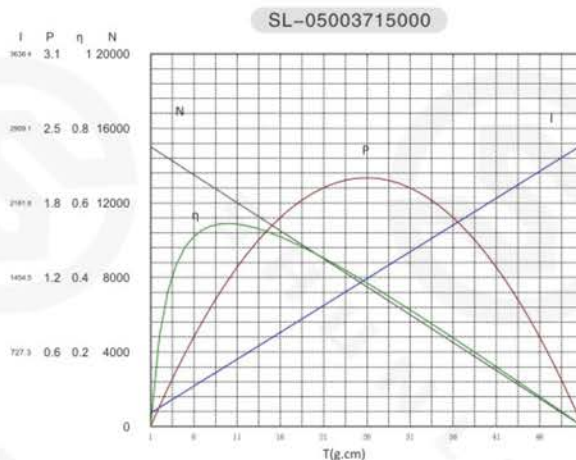
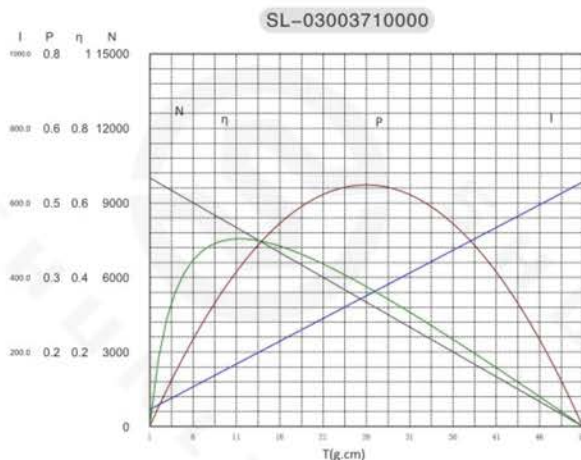
级数 Number of stages	2	4	5
减速比 Ratio	3K/7K/10K	16K/17K/20K/30K/35K/ 50K/63K/70K/86K	115K/150K/210K/250K/360K
最大额定可承载扭力 Max. Rated Torque	200 gf.cm	600 gf.cm	1000 gf.cm
最大破坏扭力 Max. Gear Broken Torque	600 gf.cm	1500 gf.cm	2800 gf.cm
效率 Gearbox Efficiency	80%~90%	65%~70%	55%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
GM13AM030-30K	1:30	3.7 VDC	325	≤75	240	≤285	12/120	≤700	36/360
GM13AM050-150K	1:150	3.7 VDC	100	≤200	80	≤650	60/600	≤3000	300/3000

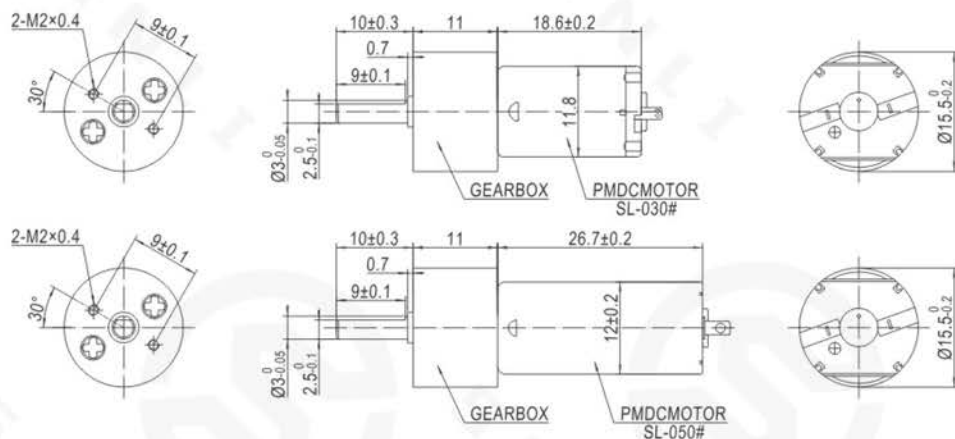
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-030 03710000	3.7 VDC	10000	≤55	7350	≤220	0.5/5	≤650	1.8/18
SL-050 03715000	3.7 VDC	15000	≤145	12000	≤600	1/10	≤2900	5/50



DC GEAR MOTOR

Model: GM13RM030/050



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制:
Transmission shaft size can be customized;
- 电机参数可以定制:
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	2	4	5
减速比 Ratio	3K/7K/10K	16K/17K/20K/30K/35K/ 50K/63K/70K/86K	115K/150K/210K/250K/360K
最大额定可承载扭力 Max. Rated Torque	200 gf.cm	600 gf.cm	1000 gf.cm
最大破坏扭力 Max. Gear Broken Torque	600 gf.cm	1500 gf.cm	2800 gf.cm
效率 Gearbox Efficiency	80%~90%	65%~70%	55%~60%

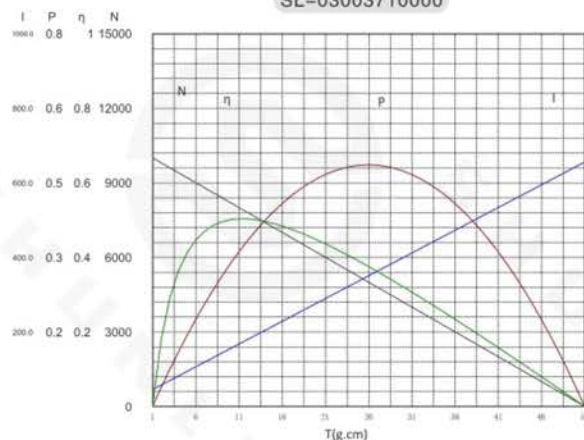
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
GM13RM030-30K	1:30	3.7 VDC	325	≤75	240	≤285	12/120	≤700	36/360
GM13RM050-150K	1:150	3.7 VDC	100	≤200	80	≤650	60/600	≤3000	300/3000

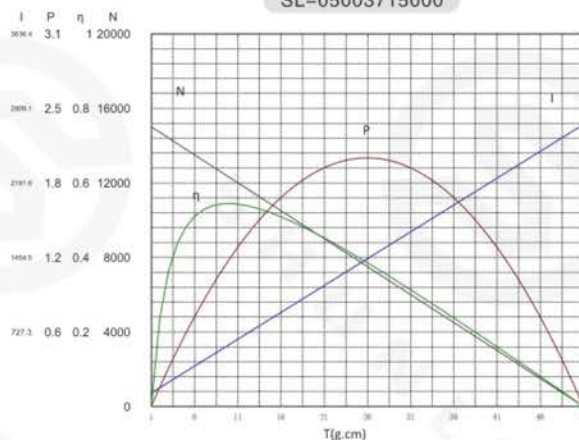
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
SL-030 03710000	3.7 VDC	10000	≤55	7350	≤220	0.5/5	≤650	1.8/18
SL-050 03715000	3.7 VDC	15000	≤145	12000	≤600	1/10	≤2900	5/50

SL-03003710000

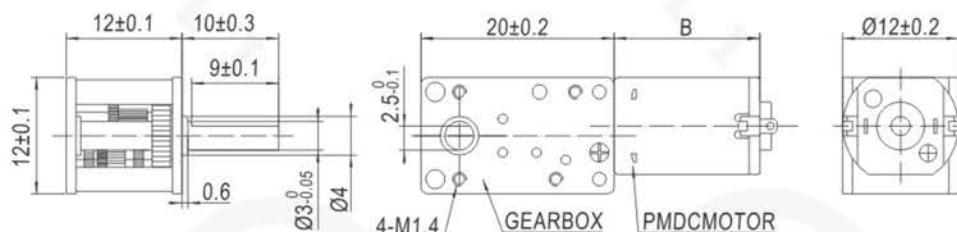


SL-05003715000



DC GEAR MOTOR

Model: GM1220EMN20/N30



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	41K/82K/95K/190K/219K/438K/504K/1007K
最大额定可承载扭力 Max.Reated Torque	300~800 gf.cm
最大破坏扭力 Max.Gear Broken Torque	1000~3000 gf.cm
效率 Gearbox Efficiency	12%~35%

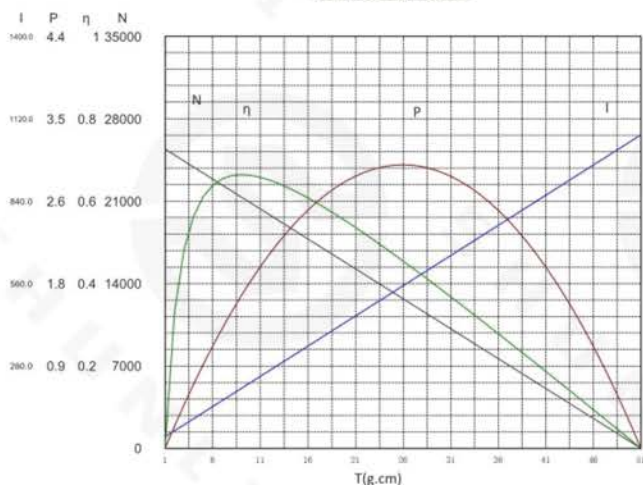
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
GM1220EMN20-95K	1:95	4.5 VDC	145	≤70	122	≤200	8/80	≤700	75/750
GM1220EMN30-1007K	1:1007	12 VDC	25	≤90	22	≤230	120/1200	≤400	420/4200

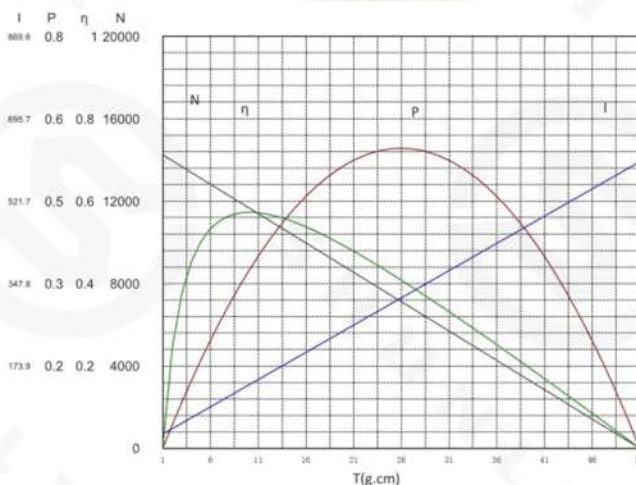
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N20	04514000	4.5 VDC	14000	≤40	12000	≤130	0.25/2.5	≤650	1.5/15
SL-N30	1225400	12 VDC	25400	≤50	22600	≤170	0.5/5	≤380	4.2/42

SL-N301225400

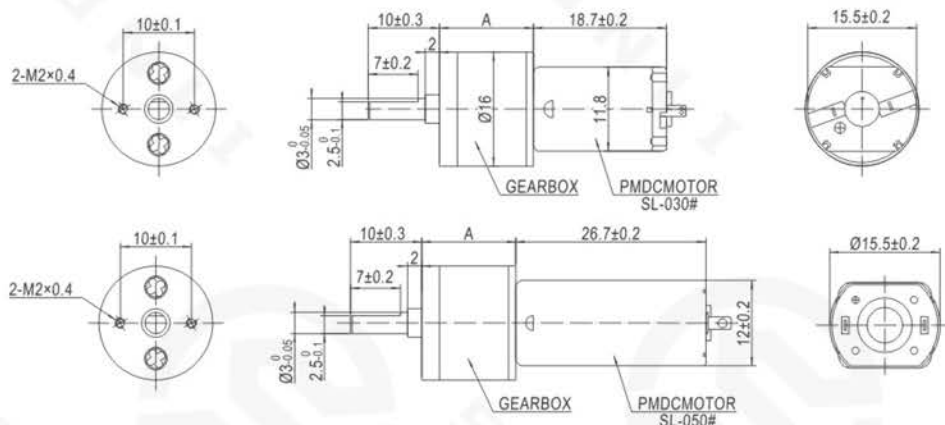


SL-N2004514000



DC GEAR MOTOR

Model: GM16AM030/050



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	4	5	6	7
减速比 Ratio	25K/30K/35K/42K	70K/85K/100K/119K	143K/169K/200K/239K/285K	300K/400K/568K/800K
齿轮箱长度 Gearbox Length "A" (mm)	13.2	14.1	15.6	17
最大额定可承载扭力 Max. Rated Torque	0.6 Kgf.cm	1.0 Kgf.cm	1.5 Kgf.cm	2.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	1.5 Kgf.cm	3.0 Kgf.cm	4.0 Kgf.cm	5.0 Kgf.cm
效率 Gearbox Efficiency	60%~70%	55%~60%	50%~55%	45%~50%

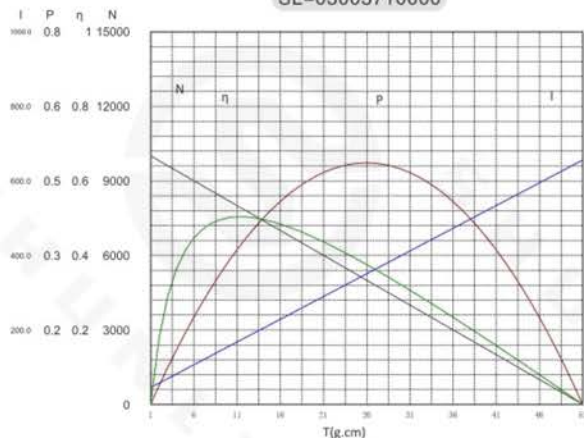
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP16M030-100K	1:100	3.7 VDC	100	≤80	72	≤300	0.03/0.3	≤700	0.11/1.1
GMP16M050-300K	1:300	3.7 VDC	50	≤200	40	≤650	0.1/1.0	≤3000	0.55/5.5

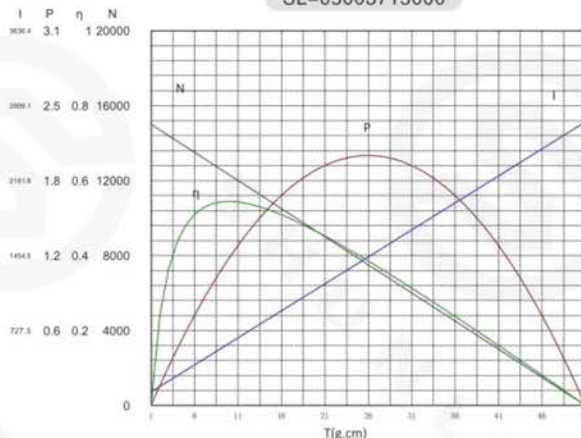
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-030	03710000	10000	≤55	7350	≤220	0.5/5	≤650	1.8/18
SL-050	03715000	15000	≤145	12000	≤600	1/10	≤2900	5/50

SL-03003710000

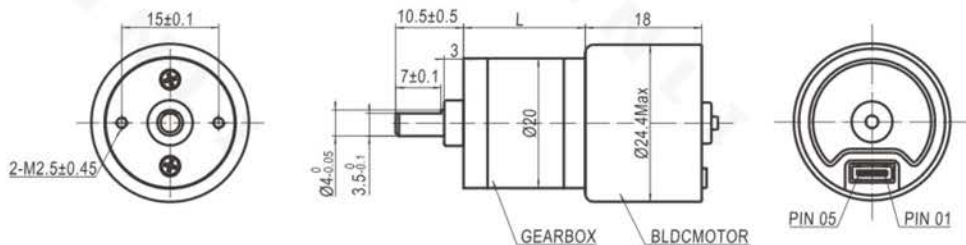


SL-05003715000



BLDC GEAR MOTOR

Model: GM20AMBL2418



无刷电机端口说明 BLDC MOTOR Terminations

序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW		

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	3	4	5	6	7
减速比 Ratio	11K/12.5K	17.3K/27.7K	42K/66K	100K/160K	372K/625K/1000K
齿轮箱长度 Gearbox Length*L*(mm)	14.5	16	17.5	19	20.5
最大额定可承载扭力 Max. Rated Torque	1.0 Kgf.cm	2.0 Kgf.cm	3.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	3.0 Kgf.cm	5.0 Kgf.cm	8.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm
效率 Gearbox Efficiency	70%~80%	60%~70%	50%~60%	45%~50%	40%~45%

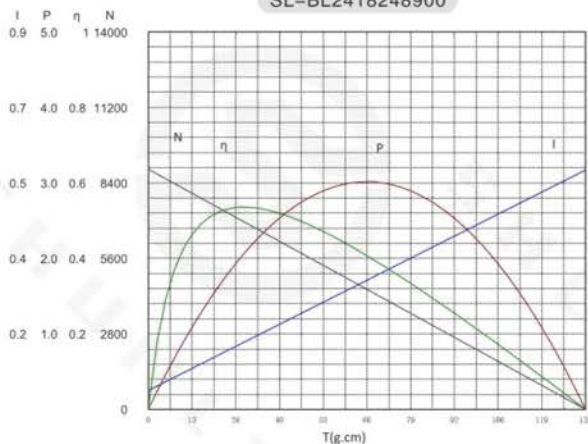
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated		堵转状态 Stall		
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM20AMBL2418-12.5K	1:12.5	12 VDC	820	≤180	650	≤400	0.03/0.3	≤1450	0.12/1.2
GM20AMBL2418-100K	1:100	24 VDC	88	≤100	68	≤250	0.15/1.5	≤600	0.65/6.5

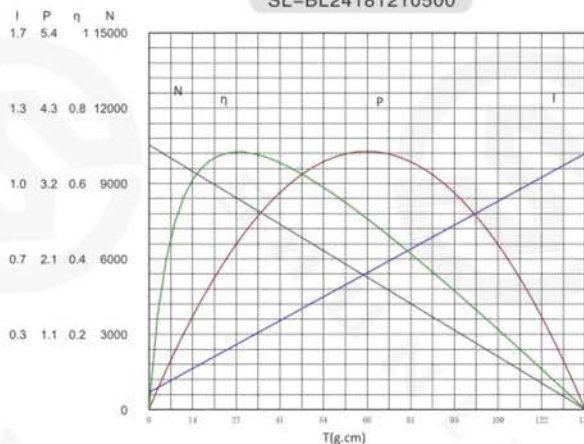
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated		堵转状态 Stall		
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
BL2418	1210500	10500	≤100	8100	≤330	3.0/30	≤1400	13/130
BL2418	248900	8900	≤80	6800	≤200	3.0/30	≤570	16/160

SL-BL2418248900

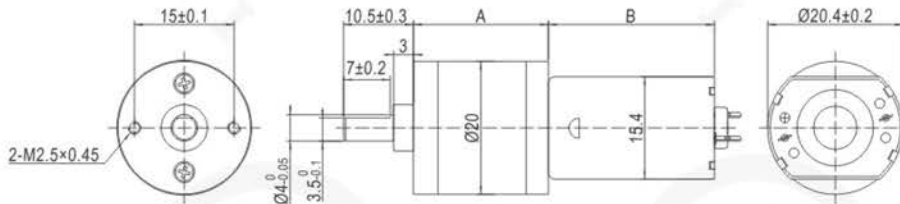


SL-BL24181210500



DC GEAR MOTOR

Model: GM20AM130/180



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	3	4	5	6	7
减速比 Ratio	11K/12.5K	17.3K/27.7K	42K/66K	100K/160K	372K/625K/1000K
齿轮箱长度 Gearbox Length "A"(mm)	14.5	16	17.5	19	20.5
最大额定可承载扭力 Max. Rated Torque	1.0 Kgf.cm	2.0 Kgf.cm	3.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	3.0 Kgf.cm	5.0 Kgf.cm	8.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm
效率 Gearbox Efficiency	70%~80%	60%~70%	50%~60%	45%~50%	40%~45%

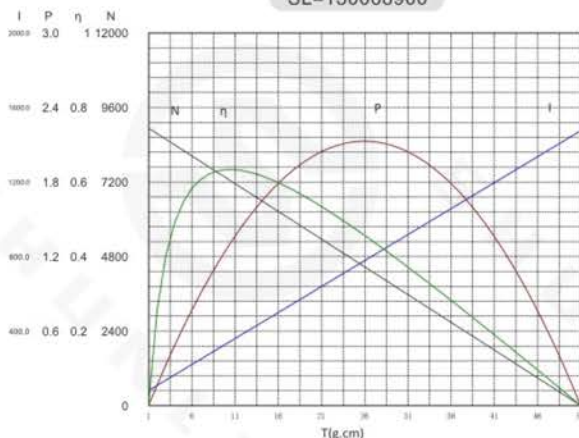
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM20AM130-100K	1:100	6 VDC	88	≤160	72	≤400	0.1/1.0	≤1800	0.4/4.0
GM20AM180-241K	1:241	5 VDC	40	≤160	32	≤850	0.32/3.2	≤3800	0.95/9.5

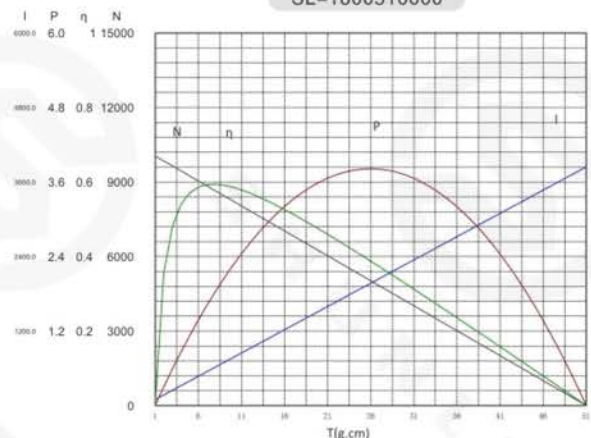
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-130	068900	25	8900	≤100	7250	≤370	2.0/20	≤1670	10/100
SL-180	0510000	5 VDC	10000	≤120	8150	≤800	2.5/25	≤3800	14.8/148

SL-130068900

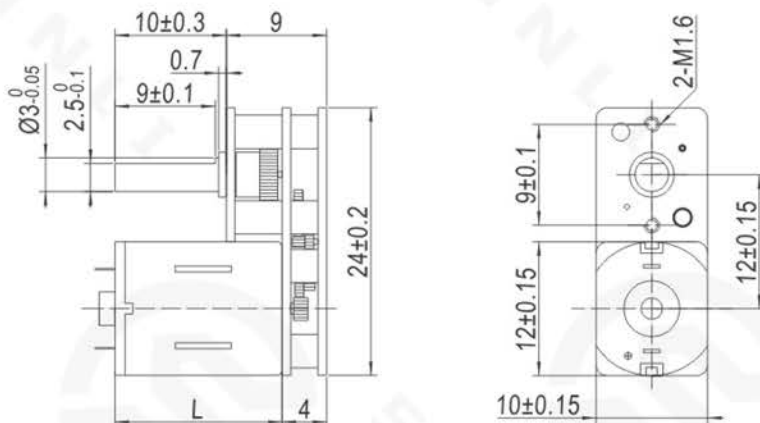


SL-1800510000



DC GEAR MOTOR

Model: GM24FMN20/N30



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制:
Transmission shaft size can be customized;
- 电机参数可以定制:
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	10K/50K/100K/150K/200K/298K/500K
最大额定可承载扭力 Max.Reated Torque	300~800 gf.cm
最大破坏扭力 Max.Gear Broken Torque	1000~3000 gf.cm
效率 Gearbox Efficiency	45%~90%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
GM24FMN20-150K	1:150	4.5 VDC	92	≤55	80	≤150	2.5/250	≤700	100/1000
GM24FMN30-50K	1:50	12 VDC	500	≤60	440	≤190	18/180	≤400	140/1400

单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "L"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
SL-N20	04514000	15	14000	≤40	12000	≤130	0.25/2.5	≤650	1.5/15
SL-N30	1225400	20	25400	≤50	22600	≤170	0.5/5	≤380	4.2/42

SL-N301225400

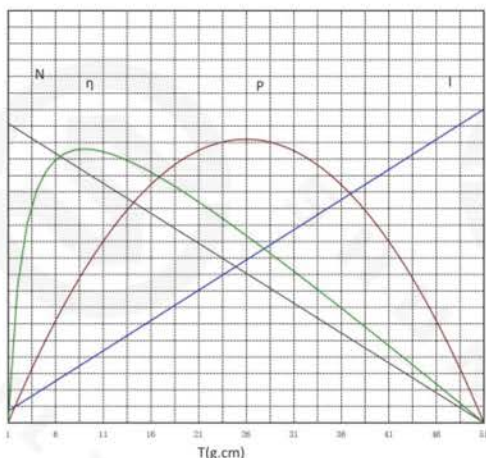
I P η N
1400.0 4.4 1 35000

1120.0 3.5 0.8 28000

840.0 2.6 0.6 21000

560.0 1.8 0.4 14000

280.0 0.9 0.2 7000



SL-N2004514000

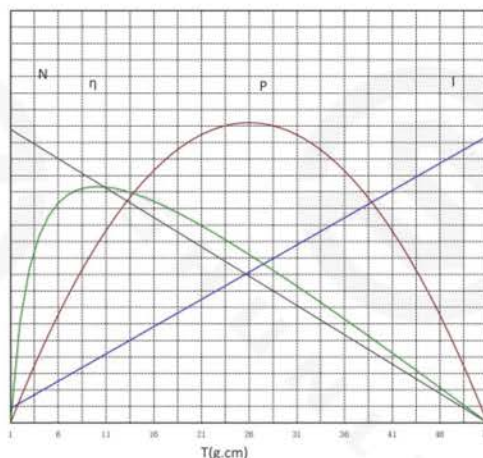
I P η N
569.6 0.8 1 20000

695.7 0.6 0.8 16000

521.7 0.5 0.6 12000

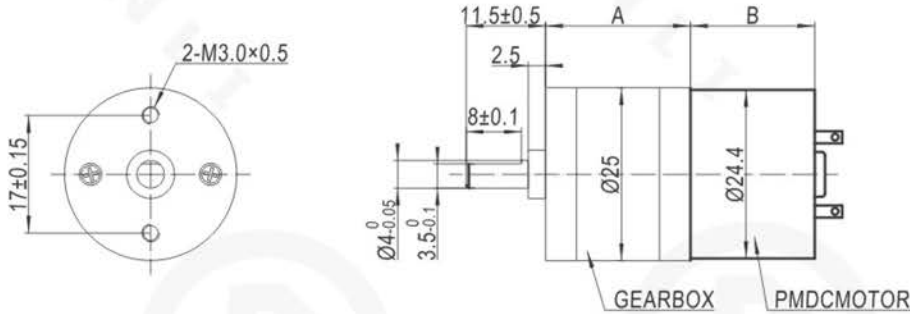
347.8 0.3 0.4 8000

173.9 0.2 0.2 4000



DC GEAR MOTOR

Model: GM25AM310/370



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

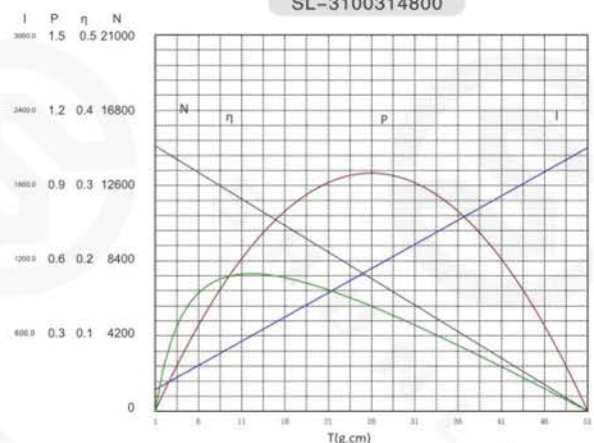
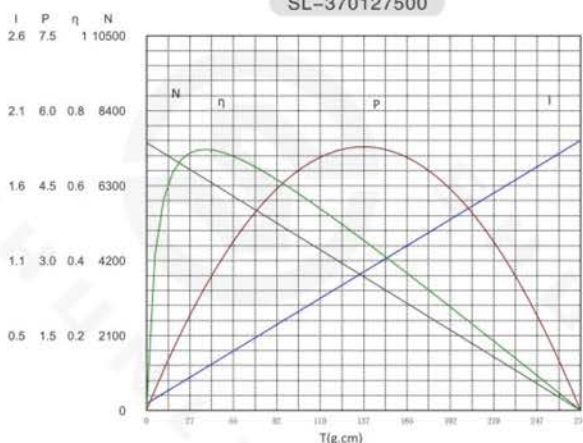
级数 Number of stages	3	4	5	6	7	8
减速比 Ratio	4.2K/9.2K	15K/20K	26K/34K/45K	42K/56K/75K/99K	72K/95K/125K/155K/217K	119K/158K/208K/274K/362K/478K
齿轮箱长度 Gearbox Length "A" (mm)	19	20	21.5	23.5	25.5	27.5
最大额定可承载扭力 Max. Rated Torque	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	6.0 Kgf.cm	6.0 Kgf.cm	8.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	4.0 Kgf.cm	8.0 Kgf.cm	10.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm	15.0 Kgf.cm
效率 Gearbox Efficiency	85%~90%	75%~85%	65%~75%	55%~65%	45%~55%	40%~45%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM25AM310-217K	1:217	3 VDC	65	≤230	52	≤650	0.055/0.55	≤2200	0.18/1.8
GM25AM370-99K	1:99	12 VDC	75	≤80	65	≤360	0.18/1.8	≤2000	0.65/6.5

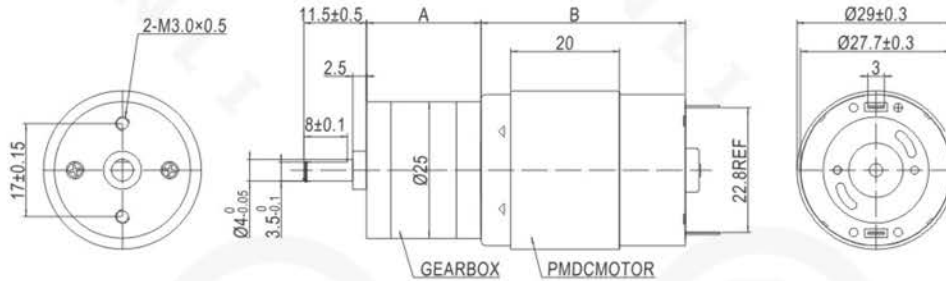
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-310	0314800	3 VDC	14800	≤180	11500	≤620	0.55/5.5	≤2100	2.5/25
SL-370	127500	12 VDC	7500	≤55	6500	≤320	3.5/35	≤1920	27/270



DC GEAR MOTOR

Model: GM25AM365/385/395



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

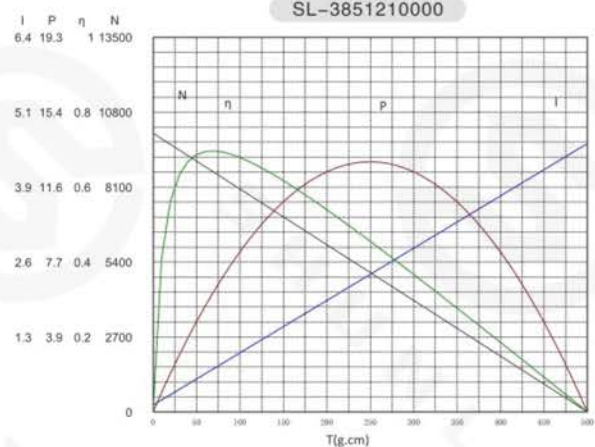
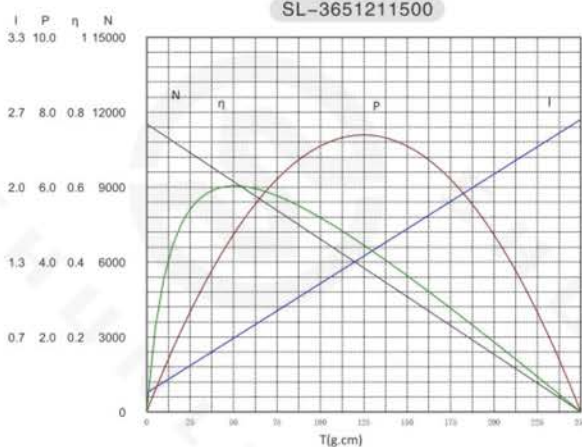
级数 Number of stages	3	4	5	6	7	8
减速比 Ratio	4.2K/9.2K	15K/20K	26K/34K/45K	42K/56K/75K/99K	72K/95K/125K/155K/217K	119K/158K/208K/274K/362K/478K
齿轮箱长度 Gearbox Length "A" (mm)	19	20	21.5	23.5	25.5	27.5
最大额定可承载扭力 Max. Rated Torque	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	6.0 Kgf.cm	6.0 Kgf.cm	8.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	4.0 Kgf.cm	8.0 Kgf.cm	10.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm	15.0 Kgf.cm
效率 Gearbox Efficiency	85%~90%	75%~85%	65%~75%	55%~65%	45%~55%	40%~45%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM25AM365-20K	1:20	12 VDC	570	≤300	460	≤720	0.08/0.8	≤2700	0.35/3.5
GM25AM385-56K	1:56	12 VDC	175	≤200	150	≤750	0.2/2.0	≤4800	0.18/12
GM25AM395-9.2K	1:9.2	12 VDC	800	≤120	680	≤480	0.075/0.75	≤2350	0.45/4.5

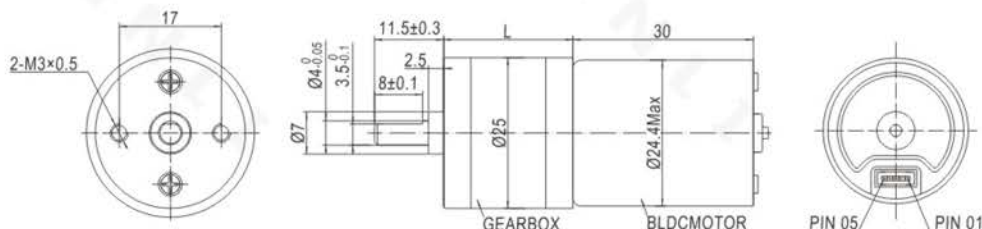
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-365	1211500	12 VDC	11500	≤180	9200	≤680	5.0/50	≤2650	25/250
SL-385	1210000	12 VDC	10000	≤120	8600	≤720	6.5/65	≤4650	50/500
SL-395	127500	12 VDC	7500	≤80	6300	≤450	10/100	≤2250	68/680



BLDC GEAR MOTOR

Model: GM25AMBL2430



无刷电机端口说明 BLDC MOTOR Terminations

序号NO.：	端口PIN Arrangement	序号NO.：	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW		

电机参数及减速机输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Data

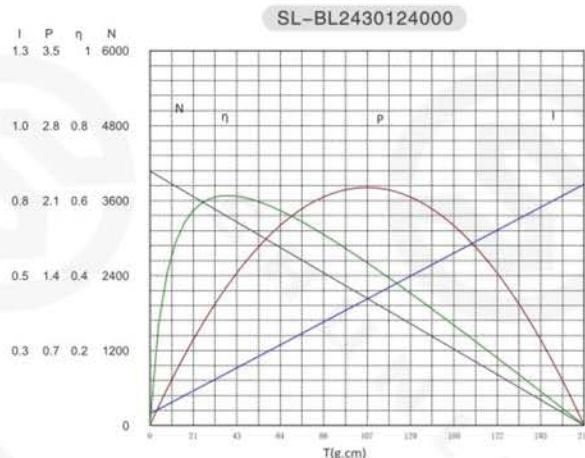
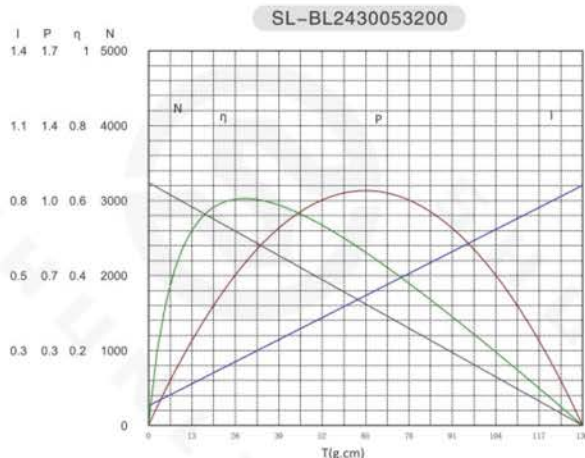
级数 Number of stages	3	4	5	6	7	8
减速比 Ratio	4.2K/9.2K	15K/20K	26K/34K/45K	42K/56K/75K/ 99K	72K/95K/125K/ 155K/217K	119K/158K/208K/ 274K/362K/478K
齿轮箱长度 Gearbox Length"L"(mm)	19	20	21.5	23.5	25.5	27.5
最大额定可承载扭力 Max.Reated Torque	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	6.0 Kgf.cm	6.0 Kgf.cm	8.0 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	4.0 Kgf.cm	8.0 Kgf.cm	10.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm	15.0 Kgf.cm
效率 Gearbox Efficiency	85%~90%	75%~85%	65%~75%	55%~65%	45%~55%	40%~45%

齿轮箱电机技术参数 Gearmotor Technical Data

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM25AMBL2430-26K	1:26	5 VDC	120	≤120	95	≤260	0.052/0.52	≤950	0.21/2.1
GM25AMBL2430-217K	1:217	12 VDC	18	≤80	15	≤200	0.45/4.5	≤900	1.45/14.5

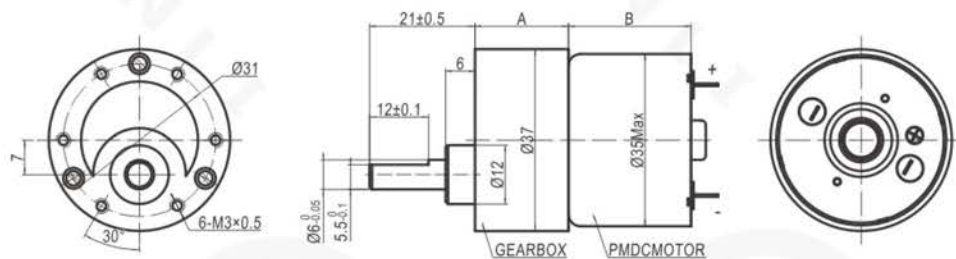
单体无刷电机技术参数 BLDC MOTOR Technical Data

单体无刷电机型号 BLDCMOTOR Model		额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
BL2430	053200	5 VDC	3200	≤80	2500	≤250	2.8/28	≤890	13/130
BL2430	124000	12 VDC	4000	≤40	3300	≤180	3.8/38	≤860	21/210



DC GEAR MOTOR

Model: GM37BM3525/3530/3540



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	2	3	4	5	6	7
减速比 Ratio	6.25K/10K	19K/20K/30K	38K/44K/56K/ 60K/90K	75K/88K/102K/131K /168K/210K/270K	263K/393K/450K/ 506K/630K/810K	1200K/1600K
齿轮箱长度 Gearbox Length"A"(mm)	19	21	24	26.5	29	31
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	8.0 Kgf.cm	12.0 Kgf.cm	20 Kgf.cm	20 Kgf.cm	20 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	12.0 Kgf.cm	20.0 Kgf.cm	30.0 Kgf.cm	50 Kgf.cm	50 Kgf.cm	50 Kgf.cm
效率 Gearbox Efficiency	90%~95%	85%~90%	75%~85%	60%~75%	45%~60%	35%~45%

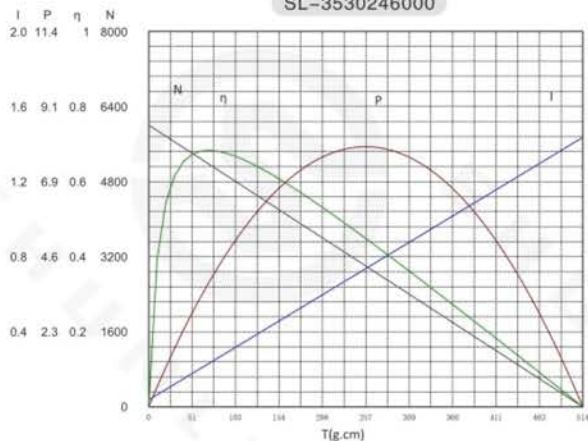
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM37BM3525-168K	1:168	12 VDC	23.5	≤100	19.5	≤160	0.25/2.5	≤600	1.25/12.5
GM37BM3530-393K	1:393	24 VDC	15	≤100	13	≤280	1.2/12	≤1500	4.0/40
GM37BM3540-90K	1:90	12 VDC	100	≤200	80	≤1000	0.5/5.0	≤7500	2.5/25

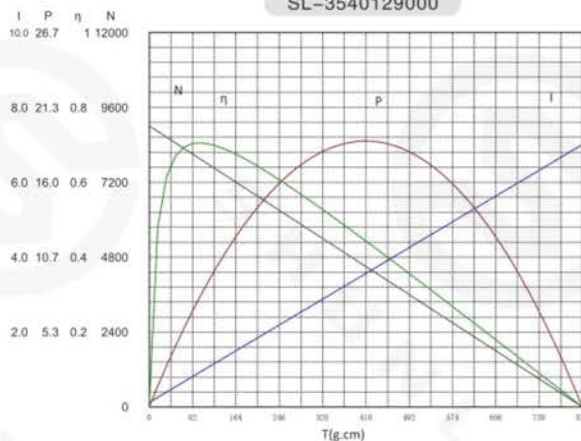
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-3525	124000	12 VDC	4000	≤40	3300	≤120	2.5/25	≤550	13.5/135
SL-3530	246000	24 VDC	6000	≤45	5200	≤250	0.7/70	≤1450	50/500
SL-3540	129000	12 VDC	9000	≤150	7950	≤950	9.5/95	≤7200	80/800

SL-3530246000

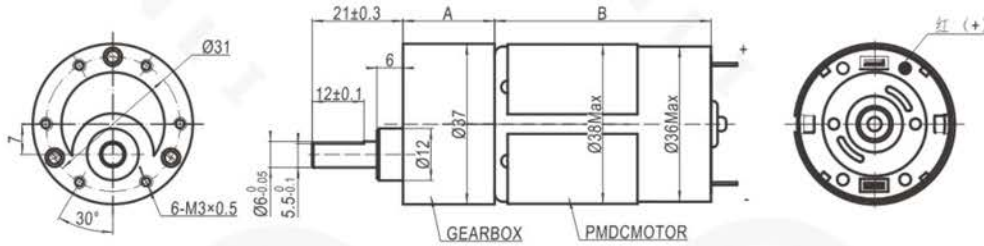


SL-3540129000



DC GEAR MOTOR

Model: GM37BM545/555/575



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	2	3	4	5	6	7
减速比 Ratio	6.25K/10K	19K/20K/30K	38K/44K/56K/ 60K/90K	75K/88K/102K/131K/ 168K/210K/270K/56KQ	263K/393K/450K/ 506K/630K/810K	113KQ/170KQ 1200K/1600K
齿轮箱长度 Gearbox Length "A" (mm)	19	21	24	26.5	29	31
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	8.0 Kgf.cm	12.0 Kgf.cm	20 Kgf.cm	30 Kgf.cm	30 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	12.0 Kgf.cm	20.0 Kgf.cm	30.0 Kgf.cm	50 Kgf.cm	80 Kgf.cm	80 Kgf.cm
效率 Gearbox Efficiency	90%~95%	85%~90%	75%~85%	60%~75%	45%~60%	35%~45%

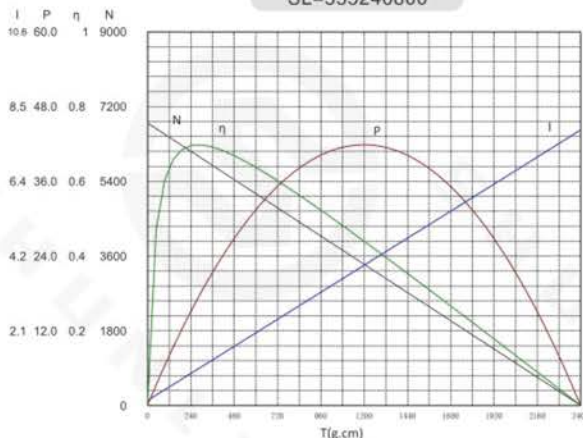
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM37BM545-44K	1:44	24 VDC	240	≤450	210	≤2200	0.85/8.5	≤15000	4.5/45
GM37BM555-113KQ	1:113	24 VDC	60	≤250	52	≤1250	1.8/18	≤8500	6.0/60
GM37BM575-170KQ	1:170	12 VDC	20	≤250	17.5	≤1200	2.0/20	≤7500	8.0/80

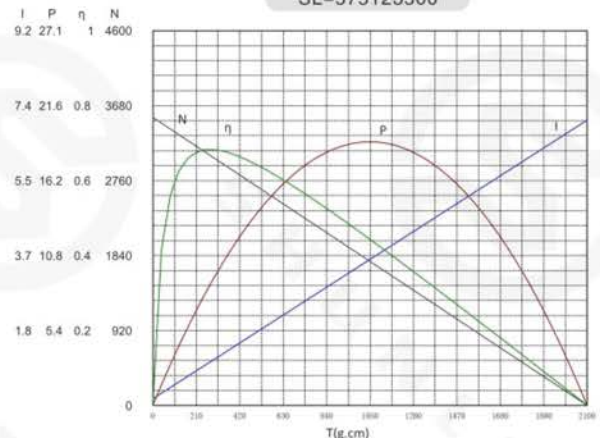
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-545	2410600	24 VDC	10600	≤320	9300	≤2100	32/320	≤14500	250/2500
SL-555	246800	24 VDC	6800	≤150	6000	≤1100	28/280	≤8000	240/2400
SL-575	123500	12 VDC	3500	≤165	3050	≤1100	26.5/265	≤7200	210/2100

SL-555246800

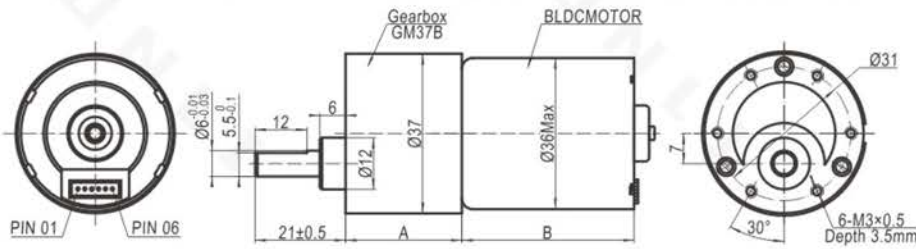


SL-575123500



BLDC GEAR MOTOR

Model: GM37BMBL3626/3630/3640/3650/3657



无刷电机端口说明 BLDC MOTOR Terminations

序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW	6	BRAKE



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

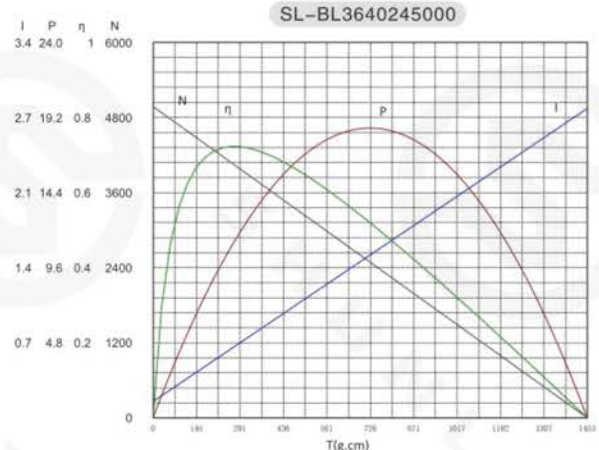
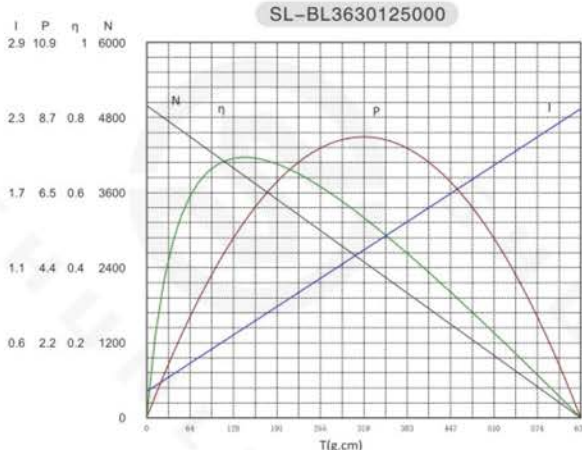
级数 Number of stages	2	3	4	5	6	7
减速比 Ratio	6.25K/10K	19K/20K/30K	38K/44K/56K/ 60K/90K	75K/88K/102K/131K/ 168K/210K/270K/56KQ	263K/393K/450K/ 506K/630K/810K	113KQ/170KQ 1200K/1600K
齿轮箱长度 Gearbox Length*A*(mm)	19	21	24	26.5	29	31
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	8.0 Kgf.cm	12.0 Kgf.cm	20 Kgf.cm	30 Kgf.cm	30 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	12.0 Kgf.cm	20.0 Kgf.cm	30.0 Kgf.cm	50 Kgf.cm	80 Kgf.cm	80 Kgf.cm
效率 Gearbox Efficiency	90%~95%	85%~90%	75%~85%	60%~75%	45%~60%	35%~45%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque N.m/Kgf.cm	电流Current mA	扭力Torque N.m/Kgf.cm
GM37BMBL3630-30K	1:30	24 VDC	165	≤160	125	≤750	0.24/2.4	≤2500	1.2/12
GM37BMBL3650-168K	1:168	24 VDC	35	≤420	29.5	≤1400	2.5/25	≤6800	6.5/65
GM37BMBL3657-113KQ	1:113	24 VDC	58	≤400	48.5	≤1400	3.0/30	≤7000	10/100

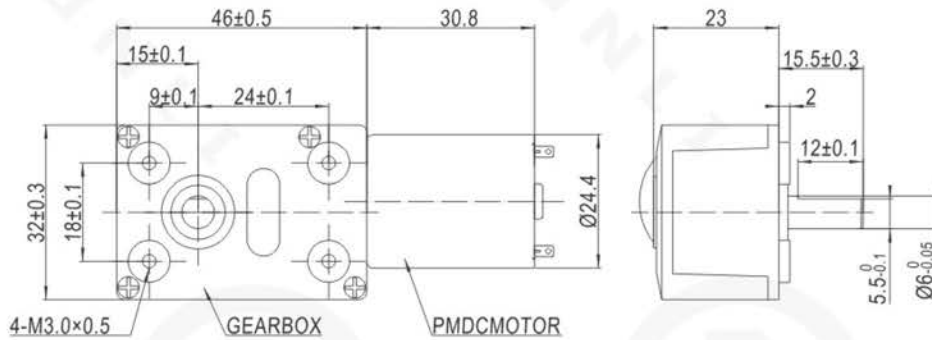
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	无刷电机长度 BldcMotor Length "B"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
SL-BL3626	244800	24 VDC	4800	≤90	3800	≤350	13.5/135	≤1300	65/650
SL-BL3630	125000	12 VDC	5000	≤90	3850	≤720	14/140	≤2400	62/620
SL-BL3640	245000	24 VDC	5000	≤160	4050	≤680	27/270	≤2850	145/1450
SL-BL3650	246000	24 VDC	6000	≤320	4950	≤1350	48/480	≤6500	275/2750
SL-BL3657	246600	24 VDC	6600	≤280	5500	≤1350	40/400	≤6800	240/2400



DC GEAR MOTOR

Model: GM46EM370



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

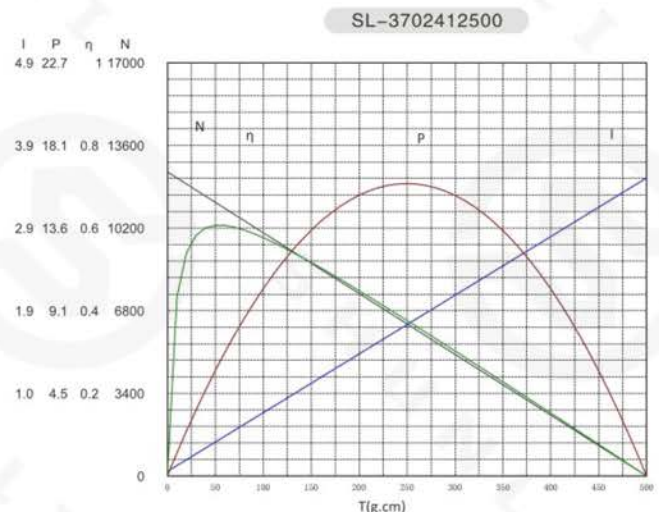
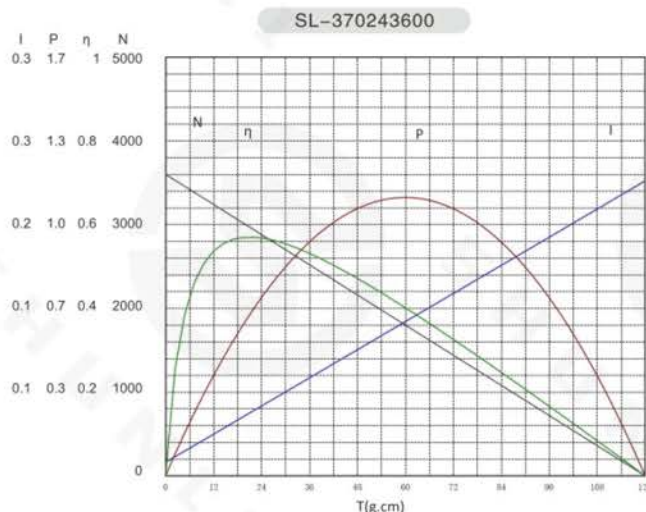
减速比 Ratio	31K/65K/146K/188K/300K/563K/700K/900K/1013K/1400K/1800K/2700K/3000K
最大额定可承载扭力 Max.Reated Torque	15~20 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	35~45 Kgf.cm
效率 Gearbox Efficiency	10%~40%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM46EM370-3000K	1:3000	24 VDC	1.2	≤65	0.95	≤100	0.65/6.5	≤280	2.5/25
GM46EM370-65K	1:65	24 VDC	190	≤120	165	≤550	0.12/1.2	≤3800	0.55/5.5

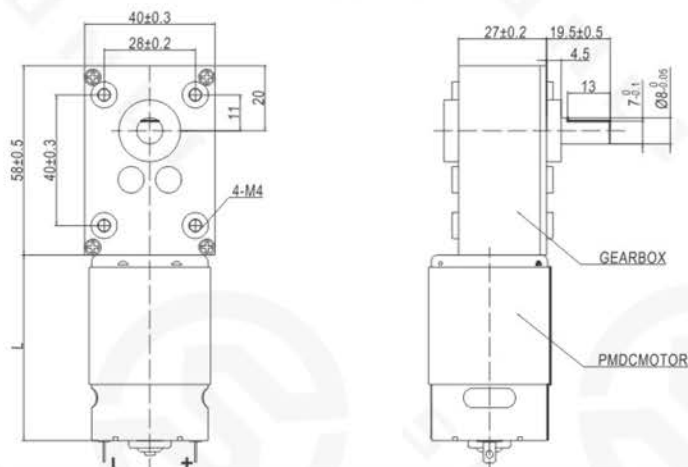
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-370	243600	3600	≤20	2950	≤55	2.0/20	≤250	12/120
SL-370	2412500	12500	≤60	11000	≤450	5.0/50	≤3550	50/500



DC GEAR MOTOR

Model: GM58EM545/555/575



电机参数及减速机输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Data

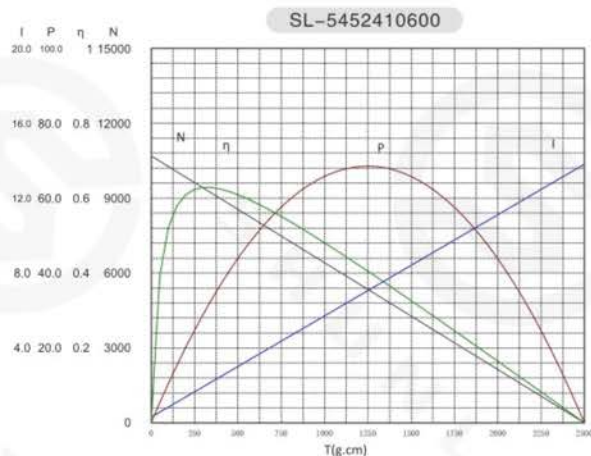
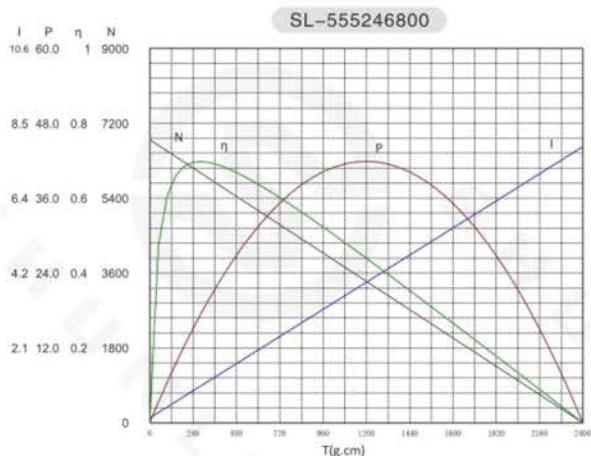
減速比 Ratio	49K / 85K / 100K / 165K / 200K / 290K / 500K / 570K / 620K / 670K
最大額定可承載扭力 Max.Reated Torque	30~40 Kgf.cm
最大破壞扭力 Max.GearBreaked Torque	60~80 Kgf.cm
效率 Gearbox Efficiency	10%~40%

齿轮箱电机技术参数 Gearmotor Technical Data

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM58EM545-100K	1:100	24 VDC	100	≤500	92	≤100	0.65/6.5	≤280	2.5/25
GM58EM555-49K	1:49	24 VDC	190	≤120	165	≤1200	0.35/3.5	≤7500	1.85/18.5

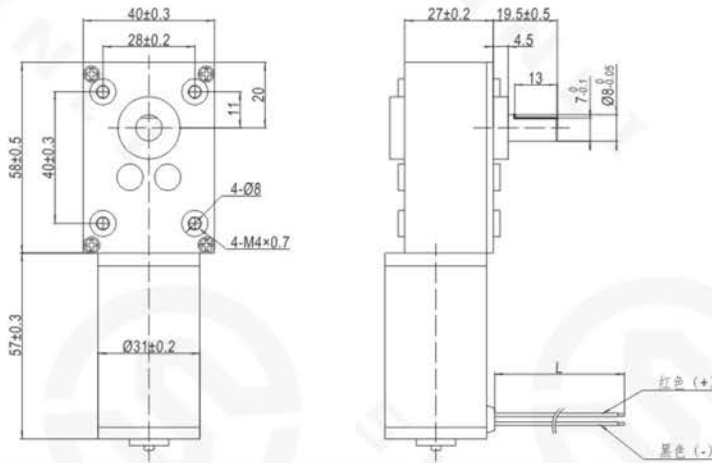
单体直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		电机长度 Length "L"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-545	2410600	50	24 VDC	10600	≤320	9300	≤2100	32/320	≤14500	250/2500
SL-555	246800	57	24 VDC	6800	≤150	6000	≤1100	28/280	≤8000	240/2400
SL-575	123500	65	12 VDC	3500	≤165	3050	≤1100	26.5/265	≤7200	210/2100



DC GEAR MOTOR

Model: GM58EM3157



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

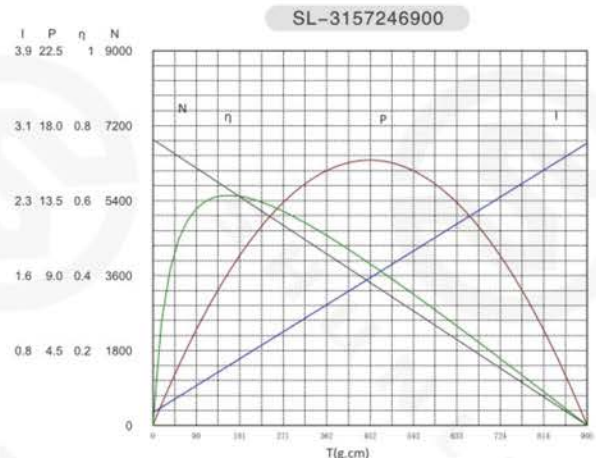
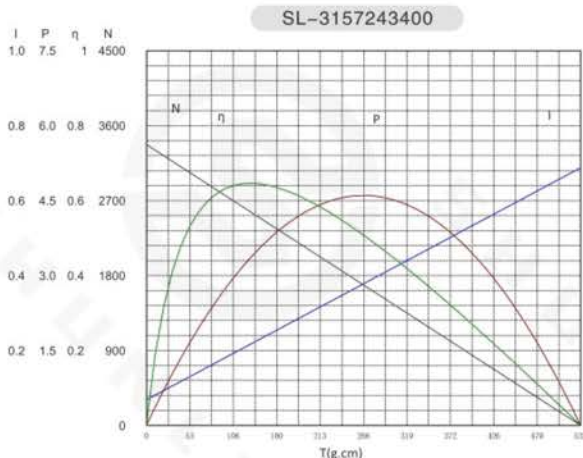
减速比 Ratio	49K / 85K / 100K / 165K / 200K / 290K / 500K / 570K / 620K / 670K
最大额定可承载扭力 Max.Reated Torque	30~40 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	60~80 Kgf.cm
效率 Gearbox Efficiency	10%~40%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM58EM3157-100K	1:100	24 VDC	33	≤200	25	≤300	0.36/3.6	≤850	1.25/12.5
GM58EM3157-49K	1:49	24 VDC	140	≤250	115	≤800	0.2/2.0	≤3200	1.5/15

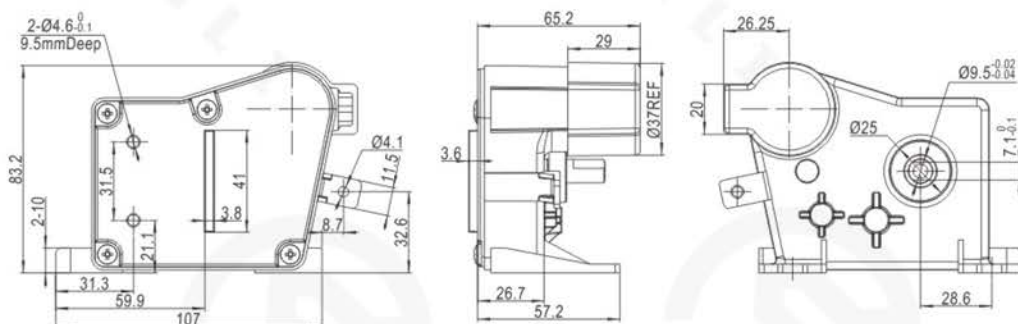
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-3157	243400	3400	≤80	2550	≤230	12/120	≤750	52/520
SL-3157	246900	6900	≤150	5650	≤650	15/150	≤3000	90/900



DC GEAR MOTOR

Model: GM55EM365



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

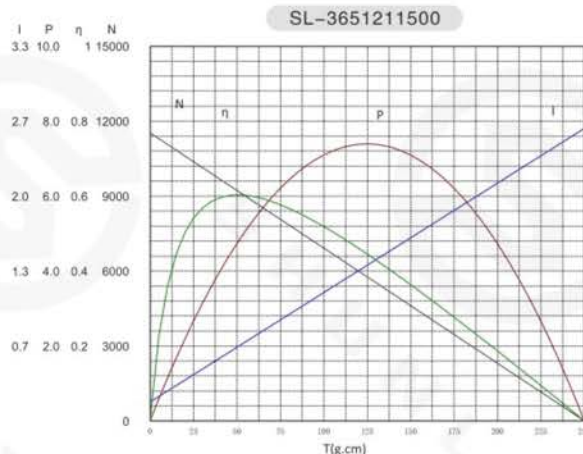
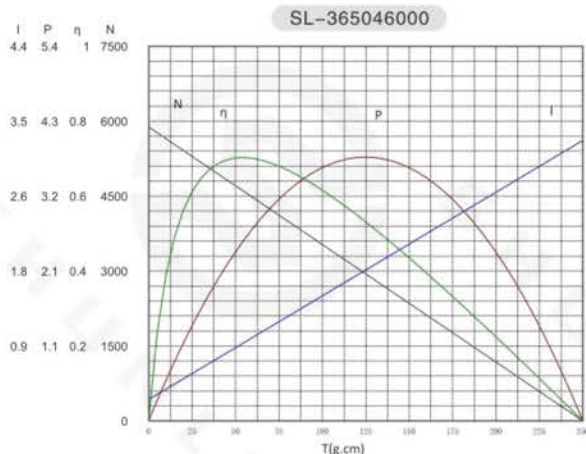
减速比 Ratio	1821K
最大额定可承载扭力 Max.Reated Torque	10~25 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	60~80 Kgf.cm
效率 Gearbox Efficiency	30%~45%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque N.m/Kgf.cm	电流Current mA	扭力Torque N.m/Kgf.cm
GM55EM365-1821K	1:1821	12 VDC	6	≤300	5	≤1050	3.0/30	≤5000	10/100
		4 VDC	3.2	≤400	2.6	≤1000	2.5/25	≤3450	8.0/80

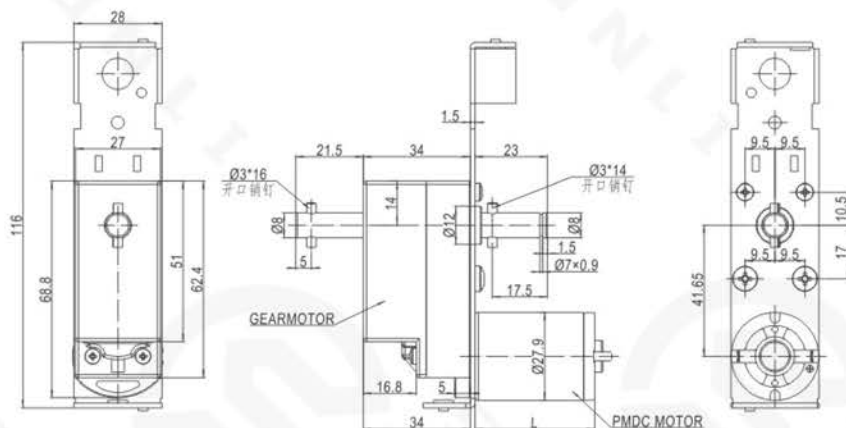
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-365	1211500	12 VDC	11500	≤180	9200	≤680	5.0/50	≤2650	25/250
	046000	4 VDC	6000	≤280	4800	≤980	5.0/50	≤3450	25/250



DC GEAR MOTOR

Model: GM62EM385/395



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

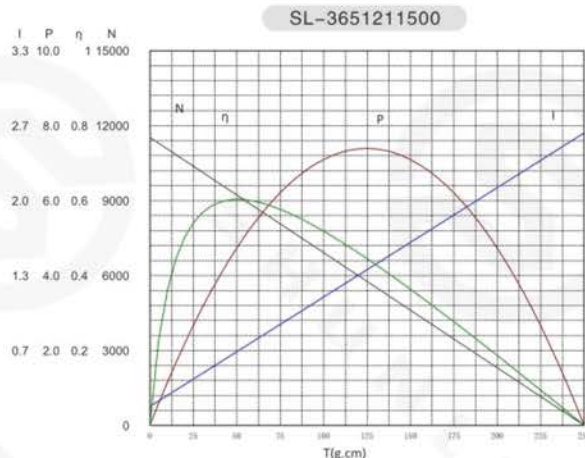
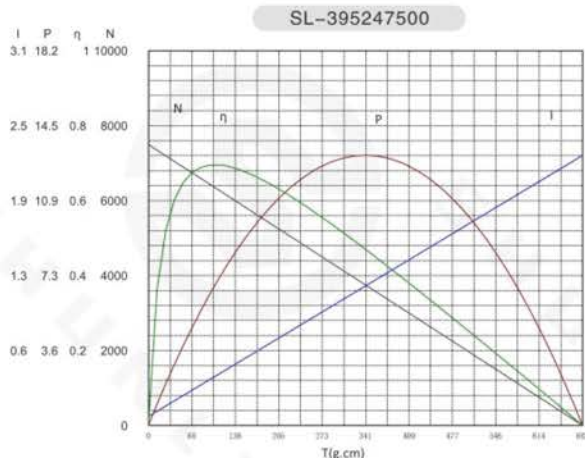
减速比 Ratio	383K / 417K / 455K / 510K
最大额定可承载扭力 Max.Reated Torque	5~15 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	40~50 Kgf.cm
效率 Gearbox Efficiency	40%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM62EM365-455K	1:455	12 VDC	25	≤300	20	≤720	1.2/12	≤2700	5.5/55
GM62EM385-510K	1:510	12 VDC	15	≤350	12	≤750	1.6/16	≤1800	6.0/60
GM62EM395-383K	1:383	12 VDC	19.5	≤180	16.5	≤650	1.5/15	≤2350	5.0/50

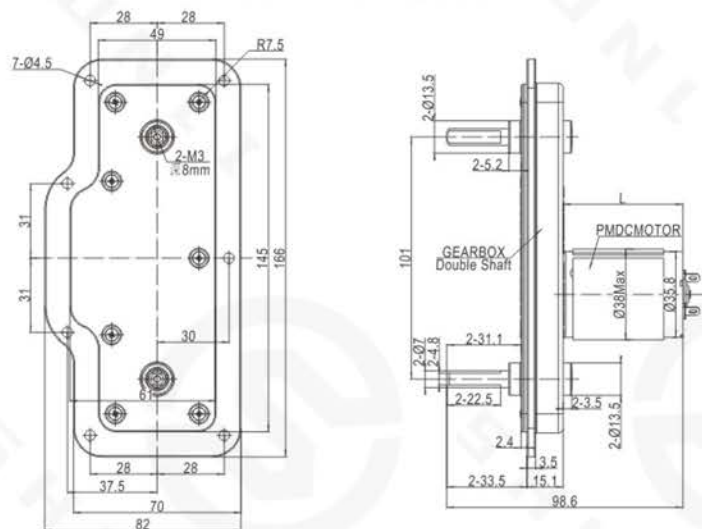
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "L" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-365	1211500	12 VDC	11500	≤180	9200	≤680	5.0/50	≤2650	25/250
SL-385	127500	12 VDC	7500	≤100	6300	≤300	6.0/60	≤1500	36/360
SL-395	127500	12 VDC	7500	≤80	6300	≤450	10/100	≤2250	68/680



DC GEAR MOTOR

Model : GM150DM545/555



电机参数及减速箱输出轴可以按客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	130K / 156K / 163K
最大额定可承载扭力 Max.Reated Torque	5~15 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	50~80 Kgf.cm
效率 Gearbox Efficiency	40%~60%

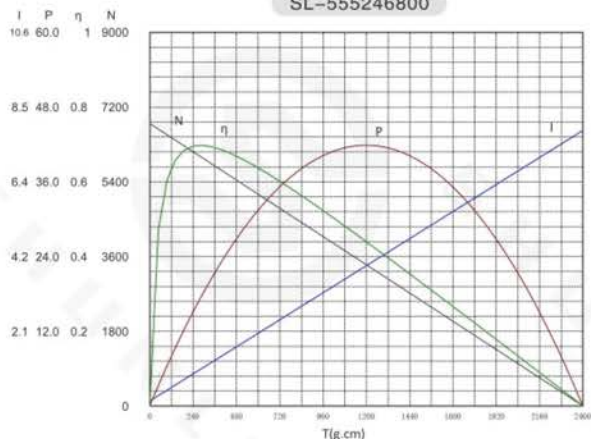
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM150DM545-156K	1:156	24 VDC	60	≤600	52	≤2600	2.0/20	≤21000	6.5/65
GM150DM555-130K	1:130	24 VDC	52	≤450	45	≤1250	1.8/18	≤8500	6.0/60

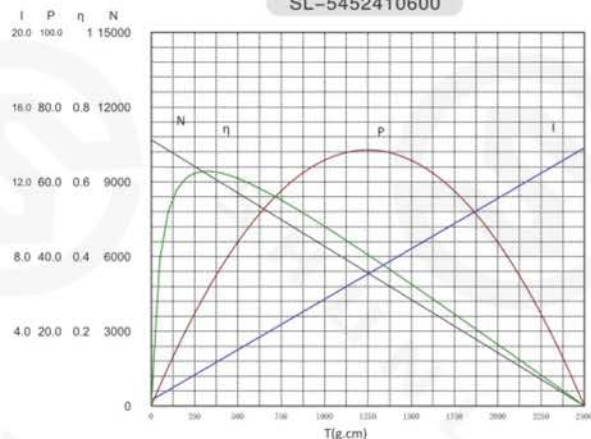
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "L" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-545 2410600	50	24 VDC	10600	≤320	9300	≤2100	32/320	≤14500	250/2500
SL-545 249500	50	24 VDC	9500	≤280	8000	≤1800	26/260	≤12500	220/2200
SL-555 246800	57	24 VDC	6800	≤150	6000	≤1100	28/280	≤8000	240/2400

SL-555246800

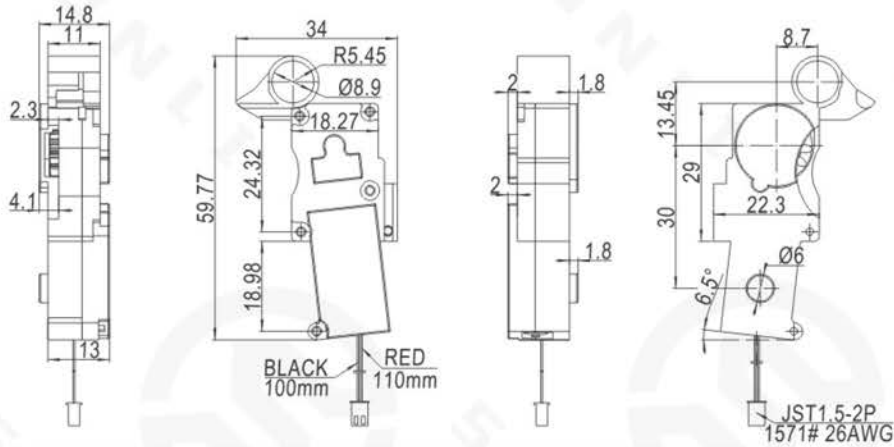


SL-5452410600



DC GEAR MOTOR

Model: GM824FN20



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

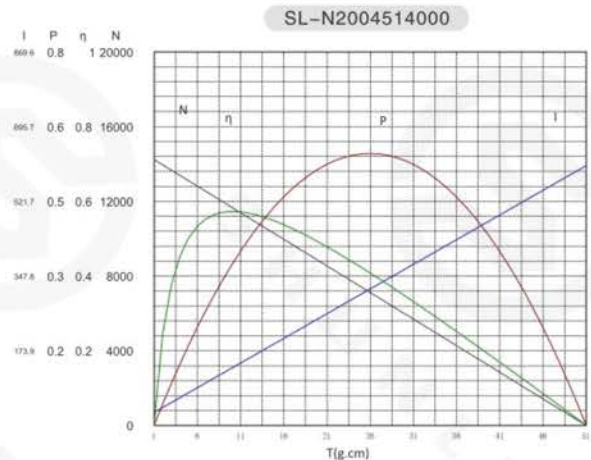
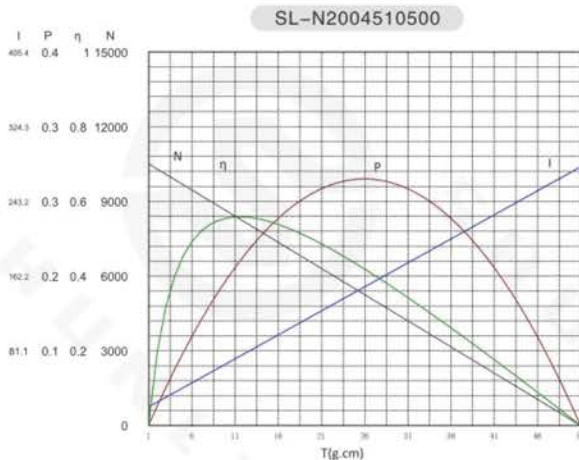
减速比 Ratio	240K
最大额定可承载扭力 Max.Reated Torque	0.5~1.5 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	2~3 Kgf.cm
效率 Gearbox Efficiency	25%~45%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	N.m/Kgf.cm
GM824FMN20-240K	1:240	4.5 VDC	43	≤50	34	≤120	22/220	≤350	0.12/1.2
			58	≤65	50	≤130	24/240	≤680	0.13/1.3
			68	≤75	56	≤140	26/260	≤750	0.15/1.5

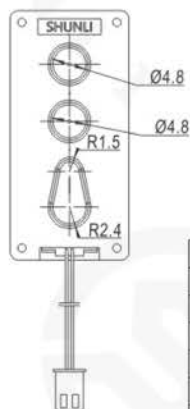
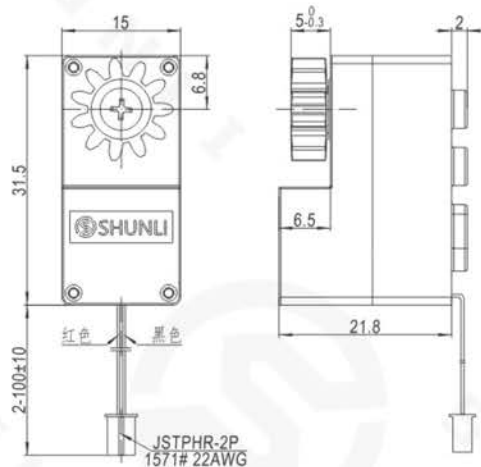
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N20	04510500	10500	≤30	8250	≤80	0.2/2.0	≤300	1.05/10.5
	04514000	14000	≤40	12000	≤130	0.25/2.5	≤680	1.5/15
	04516500	16500	≤50	13500	≤160	0.25/2.5	≤750	1.8/18



DC GEAR MOTOR

Model: GM2215FMN20



齿轮参数	
齿顶圆Da	Ø13.0
压力角α	20°
模数M	1.0
齿数Z	11
精度等级	7级
材质	铁素体合金

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

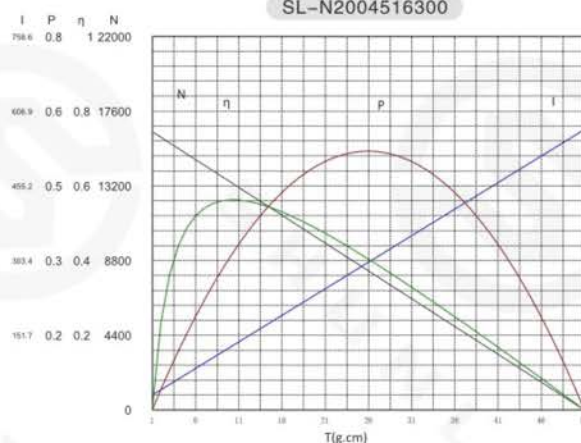
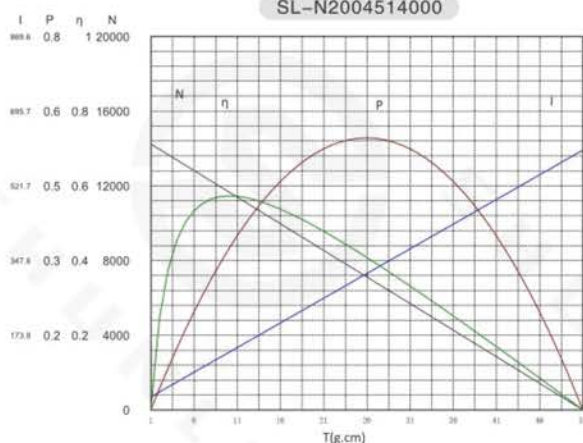
减速比 Ratio	199K / 241K / 265K
最大额定可承载扭力 Max.Reated Torque	1.5~2.5 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	4~5 Kgf.cm
效率 Gearbox Efficiency	45%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	N.m/Kgf.cm
GM2215FMN20-199K	1:199	4.5 VDC	52	≤50	40	≤120	18/180	≤350	0.18/1.8
GM2215FMN20-241K	1:241		58	≤65	50	≤130	24/240	≤680	0.2/2.0
			68	≤75	56	≤140	26/260	≤750	0.22/2.2

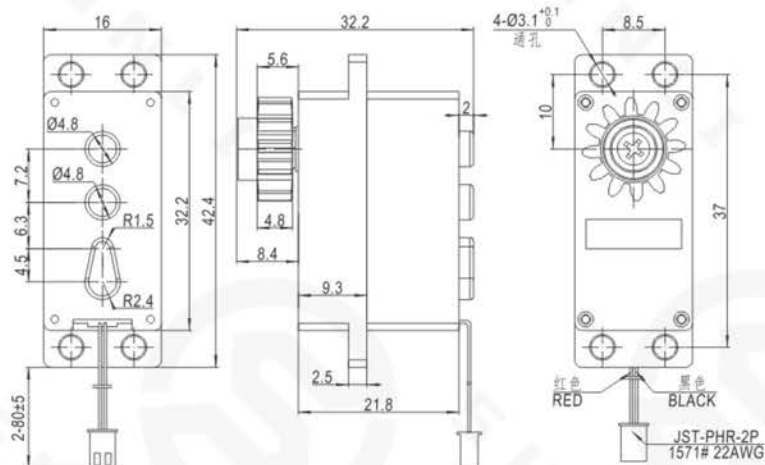
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N20	04510500	4.5 VDC	10500	≤30	8250	≤80	0.2/2.0	≤300	1.05/10.5
	04514000	4.5 VDC	14000	≤40	12000	≤130	0.25/2.5	≤680	1.5/15
	04516500	4.5 VDC	16500	≤50	13500	≤160	0.25/2.5	≤750	1.8/18



DC GEAR MOTOR

Model: GM2218FMN20



齿轮参数	
齿顶圆Da	Ø14.0
压力角α	20°
模数M	1.0
齿数Z	12
精度等级	7级
材质	铁基粉末冶金

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 电机参数可以定制:
Motor parameters can be customized:

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	241K
最大额定可承载扭力 Max. Rated Torque	1.5~2.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	3~4 Kgf.cm
效率 Gearbox Efficiency	45%~60%

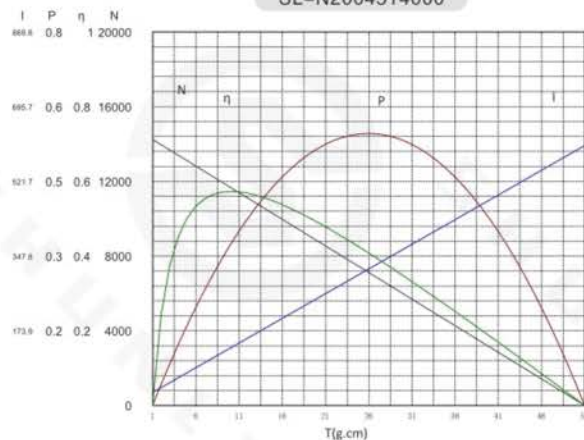
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	N.m/Kgf.cm
GM2218FMN20-241K	1:241	4.5 VDC	43	≤50	34	≤120	25/250	≤350	0.15/1.5
			58	≤65	50	≤130	28/280	≤680	0.18/1.8
			68	≤75	56	≤140	30/300	≤750	0.2/2.0

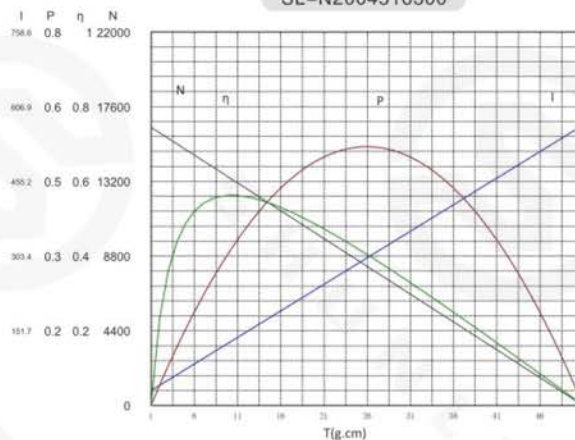
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N20	04510500	10500	≤30	8250	≤80	0.2/2.0	≤300	1.05/10.5
	04514000	14000	≤40	12000	≤130	0.25/2.5	≤680	1.5/15
	04516500	16500	≤50	13500	≤160	0.25/2.5	≤750	1.8/18

SL-N2004514000

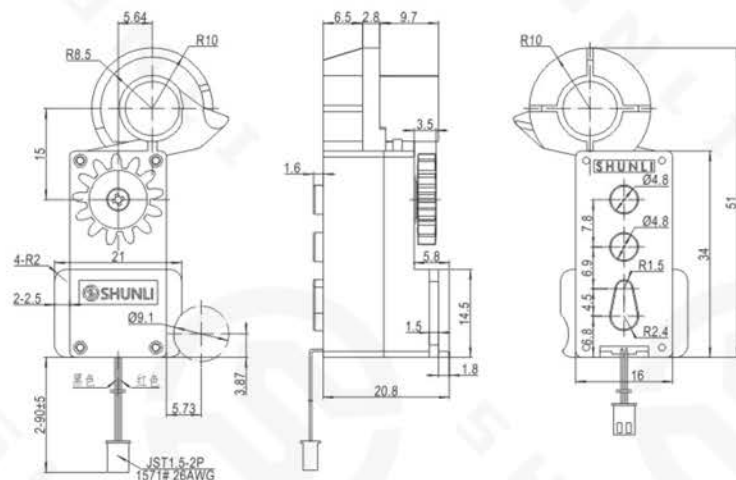


SL-N2004516300



DC GEAR MOTOR

Model: GM2219FMN20



齿轮参数	
齿顶圆Da	Ø15.0
压力角α	20°
模数M	1.0
齿数Z	13
精度等级	7级
材质	铁基粉末冶金

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	265K
最大额定可承载扭力 Max. Rated Torque	2~2.5 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	4~5 Kgf.cm
效率 Gearbox Efficiency	45%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	N.m/Kgf.cm
GM2219FMN20-265K	1:265	4.5 VDC	40	≤45	31	≤120	30/300	≤350	0.16/1.6
			52	≤65	45	≤130	32/320	≤680	0.19/1.9
			62	≤75	51	≤18	35/350	≤750	0.22/2.2

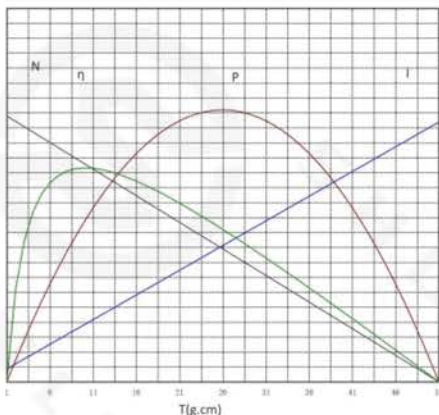
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N20	04510500	4.5 VDC	10500	≤30	8250	≤80	0.2/2.0	≤300	1.05/10.5
	04514000	4.5 VDC	14000	≤40	12000	≤130	0.25/2.5	≤680	1.5/15
	04516500	4.5 VDC	16500	≤50	13500	≤160	0.25/2.5	≤750	1.8/18

I P η N
869.6 0.8 1 20000

895.7 0.6 0.8 16000
921.7 0.5 0.6 12000
947.8 0.3 0.4 8000
973.8 0.2 0.2 4000

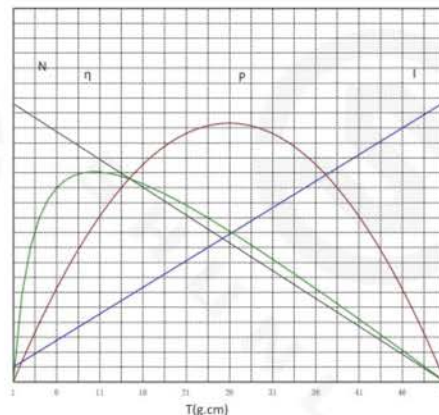
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I P η N
758.6 0.8 1 22000

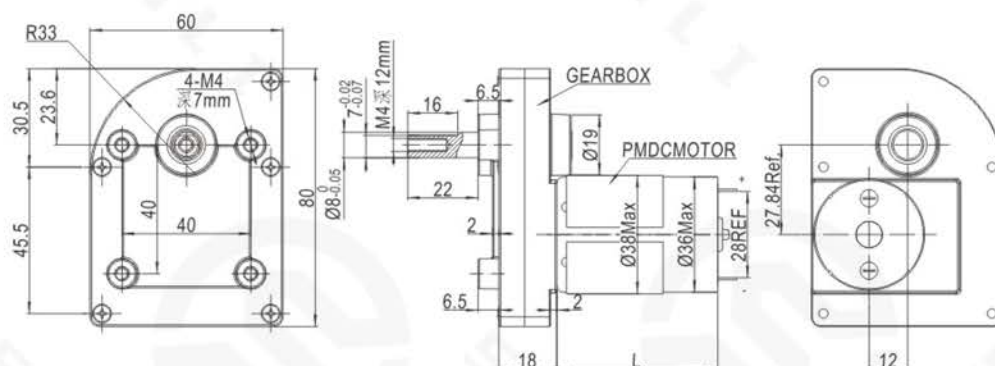
698.9 0.6 0.8 17600
495.2 0.5 0.6 13200
383.4 0.3 0.4 8800
151.7 0.2 0.2 4400

SL-N2004516300



DC GEAR MOTOR

Model: GM80SM545/555/575



电机参数及减速机输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Data

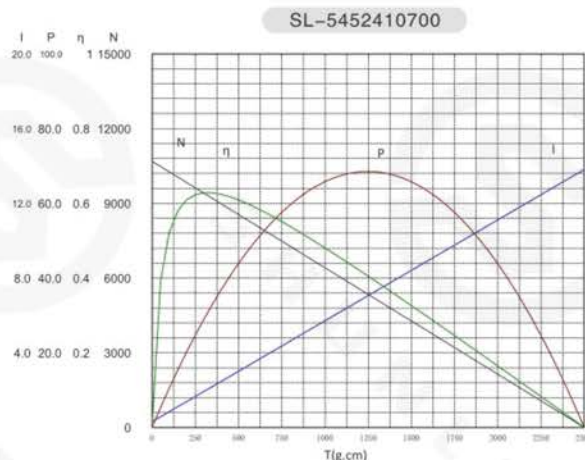
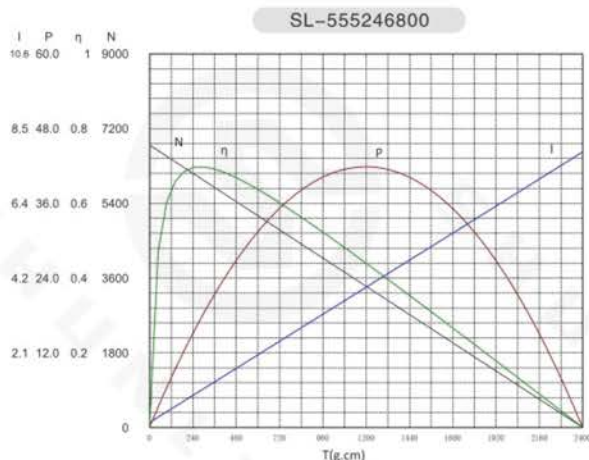
減速比 Ratio	32K / 39K / 52K / 64K / 100K / 119K / 168K / 210K / 300K
最大額定可承載扭力 Max.Reated Torque	30~45 Kgf.cm
最大破壞扭力 Max.Gear Breaked Torque	100~120 Kgf.cm
效率 Gearbox Efficiency	40%~80%

齿轮箱电机技术参数 Gearmotor Technical Data

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM80SM545-39K	1:39	24 VDC	270	≤500	235	≤2200	0.8/8	≤15000	3.8/38
GM80SM555-210K	1:210	24 VDC	32	≤250	28	≤1250	5/50	≤8500	12/120
GM80SM575-52K	1:52	24 VDC	65	≤250	58	≤1200	1.2/12	≤7500	6.0/60

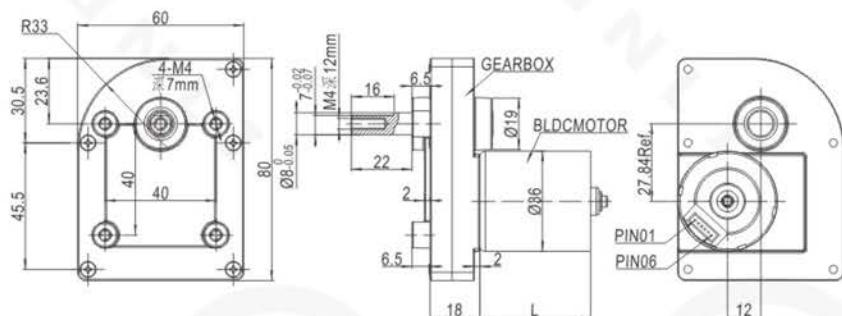
单体直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		单体电机长度 Pmdcmotor Length “L” (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-545	2410600	50	24 VDC	10600	≤320	9300	≤2100	32/320	≤14500	250/2500
SL-555	246800	57	24 VDC	6800	≤150	6000	≤1100	28/280	≤8000	240/2400
SL-575	1235000	65	12 VDC	3500	≤165	3050	≤1100	26.5/265	≤7200	210/2100



BLDC GEAR MOTOR

Model: GM80SMBL3626/3630/3640/3650/3657



无刷电机端口说明 BLDC MOTOR Terminations

序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW	6	BRAKE

电机参数及减速机输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Data

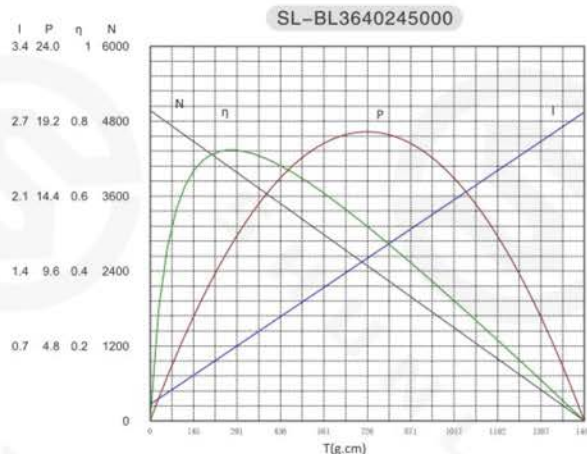
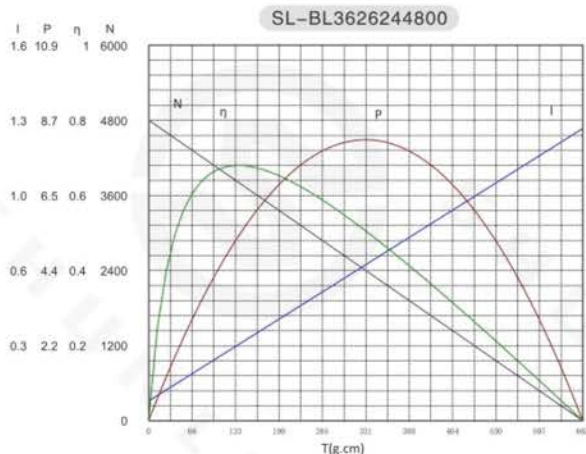
減速比 Ratio	32K / 39K / 52K / 64K / 100K / 119K / 168K / 210K / 300K
最大額定可承載扭力 Max.Reated Torque	30~45 Kgf.cm
最大破壞扭力 Max.GearBreaked Torque	100~120 Kgf.cm
效率 Gearbox Efficiency	40%~80%

齿轮箱电机技术参数 Gearmotor Technical Data

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM80SMBL3626-39K	1:39	24 VDC	120	≤250	95	≤450	0.35/3.5	≤1350	1.85/18.5
GM80SMBL3640-210K	1:210	24 VDC	24	≤400	18	≤900	4/40	≤3000	16/160
GM80SMBL3650-52K	1:52	24 VDC	115	≤500	92	≤1450	1.4/14	≤7500	5.0/50

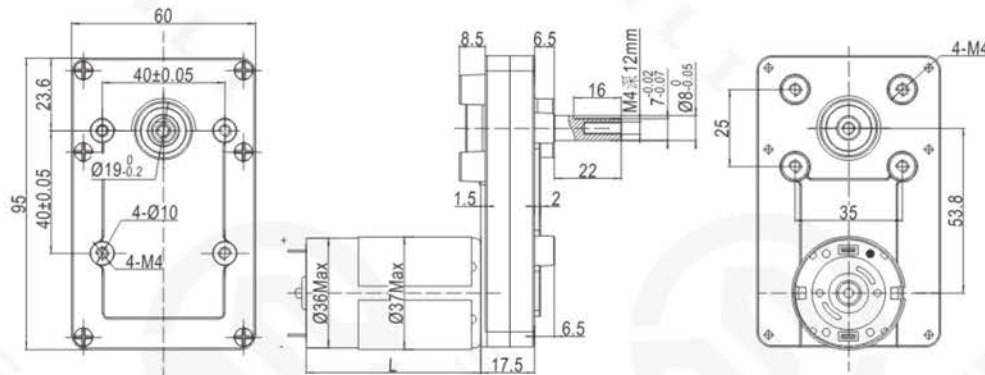
单体无刷电机技术参数 BLDC MOTOR Technical Data

单体无刷电机型号 BLDCMOTOR Model		无刷电机长度 BLdcMotor Length "L"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-BL3626	244800	26	24 VDC	4800	≤90	3800	≤350	13.5/135	≤1300	65/650
SL-BL3630	125000	30	12 VDC	5000	≤90	3850	≤720	14/140	≤2400	62/620
SL-BL3640	245000	40	24 VDC	5000	≤160	4050	≤680	27/270	≤2850	145/1450
SL-BL3650	246000	50	24 VDC	6000	≤320	4950	≤1350	48/480	≤6500	275/2750
SL-BL3657	246600	57	24 VDC	6600	≤280	5500	≤1350	40/400	≤6800	240/2400



DC GEAR MOTOR

Model: GM95SM545/555/575



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	32K/39K/52K/64K/100K/119K/168K/210K/300K/314K/453K/572K/640K/768K
最大额定可承载扭力 Max.Reated Torque	40~50 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	120~150 Kgf.cm
效率 Gearbox Efficiency	30%~60%

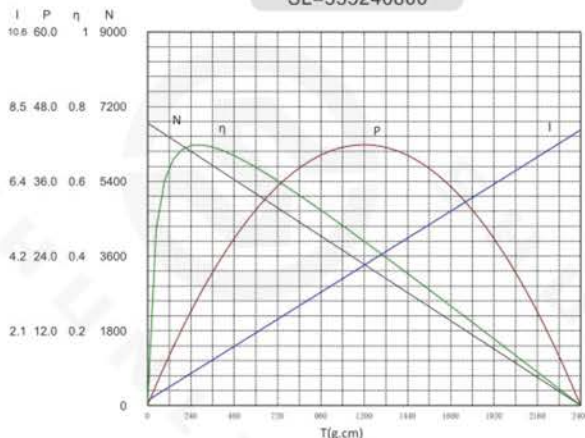
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM95SM545-640K	1:640	24 VDC	16.5	≤500	14.5	≤2500	6.0/60	≤15000	20/200
GM95SM555-210K	1:210	24 VDC	32	≤250	28	≤1250	4.0/40	≤8500	14/140
GM95SM575-52K	1:52	12 VDC	65	≤250	28	≤1200	1.2/12	≤7500	6.0/60

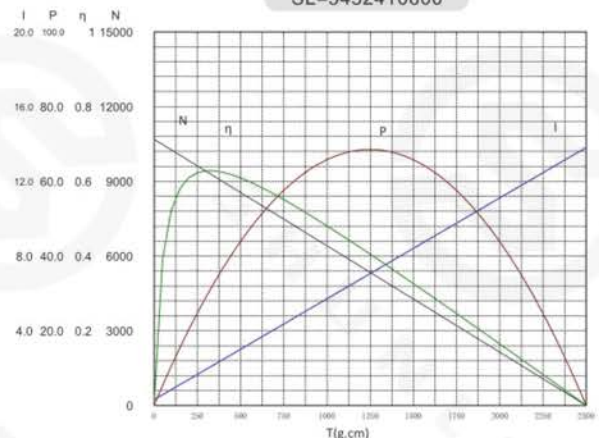
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "L" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-545	2410600	24 VDC	10600	≤320	9300	≤2100	32/320	≤14500	250/2500
SL-555	246000	24 VDC	6800	≤150	6000	≤1100	28/280	≤8000	240/2400
SL-575	129000	12 VDC	3500	≤165	3050	≤1100	26.5/265	≤7200	210/2100

SL-555246800

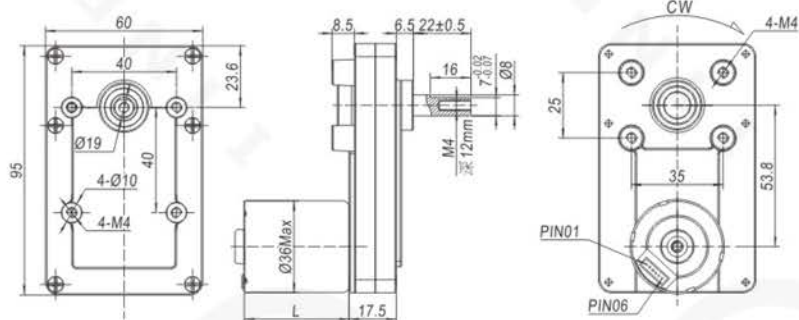


SL-5452410600



BLDC GEAR MOTOR

Model: GM95SMBL3626/3630/3640/3650/3657



无刷电机端口说明 BLDC MOTOR Terminations

序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW	6	BRAKE

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

减速比 Ratio	32K/39K/52K/64K/100K/119K/168K/210K/300K/314K/453K/572K/640K/768K
最大额定可承载扭力 Max.Reated Torque	40~50 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	120~150 Kgf.cm
效率 Gearbox Efficiency	30%~60%

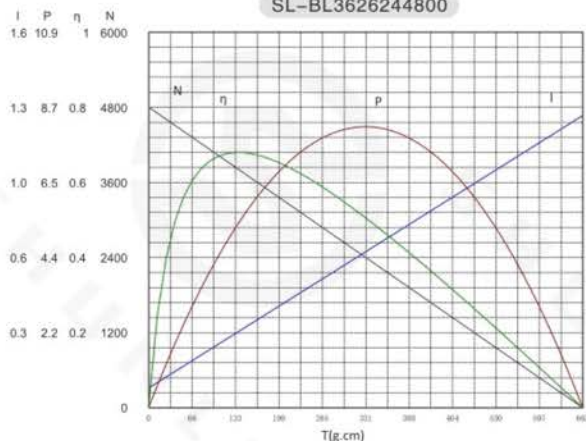
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GM95SMBL3626-640K	1:640	24 VDC	7.5	≤200	5.8	≤600	4.0/40	≤1500	14/140
GM95SMBL3640-210K	1:210	24 VDC	24	≤400	18	≤900	4/40	≤3000	16/160
GM95SMBL3657-52K	1:52	24 VDC	115	≤500	92	≤1450	1.4/14	≤7500	5.0/50

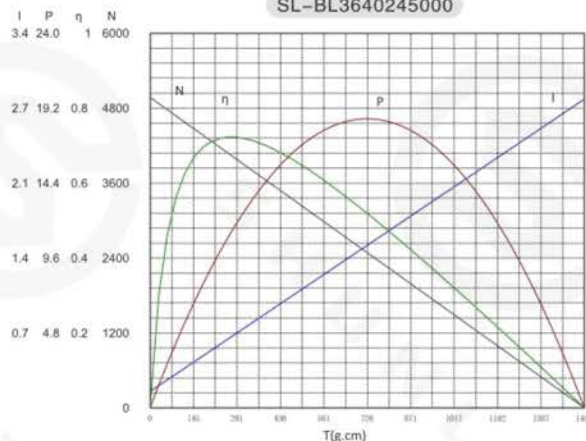
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	无刷电机长度 BlcdcMotor Length "L"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-BL3626	244800	24 VDC	4800	≤90	3800	≤350	13.5/135	≤1300	65/650
SL-BL3630	125000	12 VDC	5000	≤90	3850	≤720	14/140	≤2400	62/620
SL-BL3640	245000	24 VDC	5000	≤160	4050	≤680	27/270	≤2850	145/1450
SL-BL3650	246000	24 VDC	6000	≤320	4950	≤1350	48/480	≤6500	275/2750
SL-BL3657	246600	24 VDC	6600	≤280	5500	≤1350	40/400	≤6800	240/2400

SL-BL3626244800

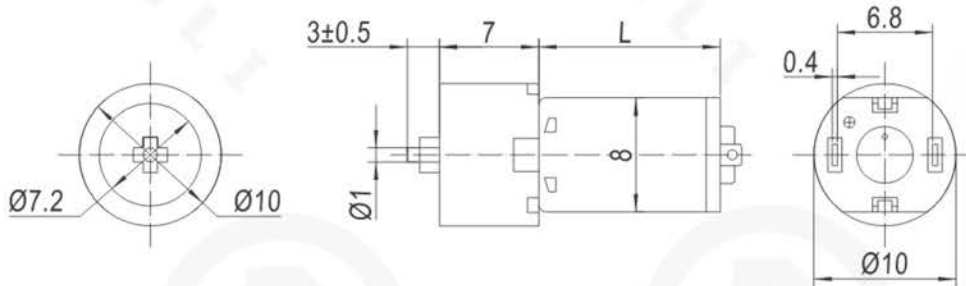


SL-BL3640245000



DC GEAR MOTOR

Model: GMP10PMM10/M20



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

电机参数可以定制:
Motor parameters can be customized:

齿轮箱技术参数 Gearbox Technical Date

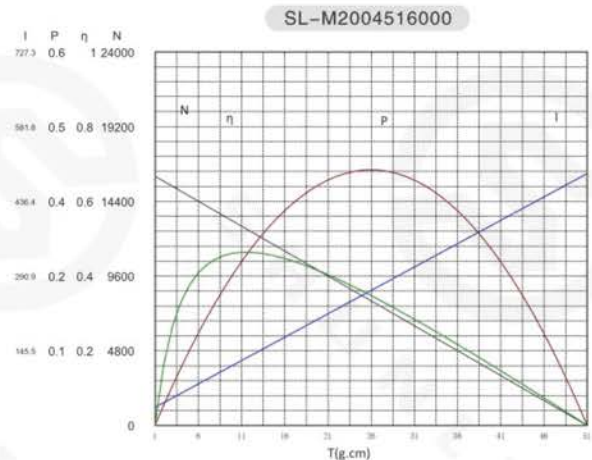
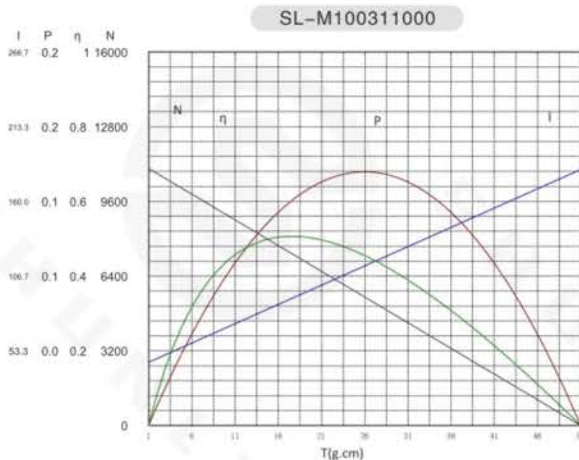
减速比 Ratio	171.5K
最大额定可承载扭力 Max. Rated Torque	0.25~0.45 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	1.5~2.5 Kgf.cm
效率 Gearbox Efficiency	50%~70%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
GMP10PMM10-171K	1:171.5	3 VDC	85	≤60	63	≤180	13.5/135	≤480	65/650
			62	≤50	40	≤130	15.5/155	≤300	48/480
GMP10PMM20-171K		4.5 VDC	62	≤50	42	≤120	13.5/135	≤300	45/450
			90	≤60	67.5	≤180	28/280	≤520	90/900

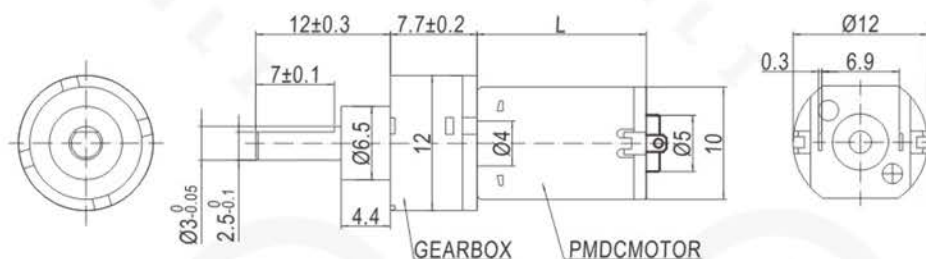
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	电机长度 Length "L" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-M10	0315200	3 VDC	15200	≤ 50	11600	≤ 130	0.15/1.5	≤ 450	0.66/6.6
	0311000		11000	≤ 45	7350	≤ 100	0.18/1.8	≤ 250	0.55/5.5
SL-M20	0311000	4.5 VDC	11000	≤ 45	7600	≤ 90	0.15/1.5	≤ 250	0.5/5.0
	04516000		16000	≤ 45	12000	≤ 140	0.25/2.5	≤ 490	0.95/9.5



DC GEAR MOTOR

Model: GMP12PMN10/N20/N30



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 电机参数可以定制:
Motor parameters can be customized:

齿轮箱技术参数 Gearbox Technical Date

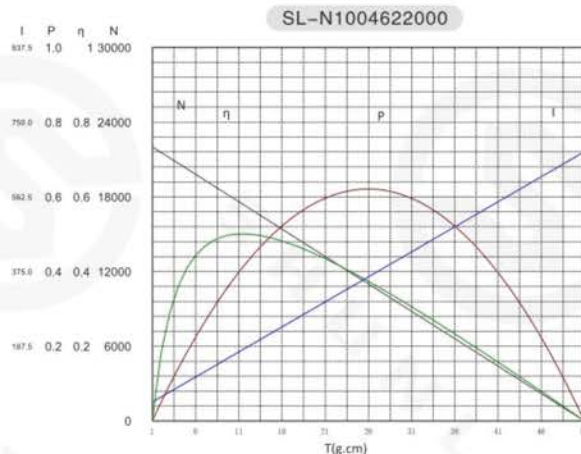
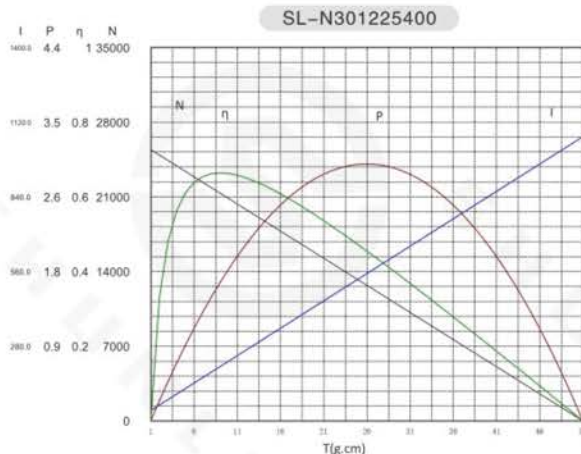
减速比 Ratio	120K
最大额定可承载扭力 Max.Reated Torque	1.5~1 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	2.5~3.5 Kgf.cm
效率 Gearbox Efficiency	50%~70%

齿轮箱电机技术参数 Gearmotor Technical Date

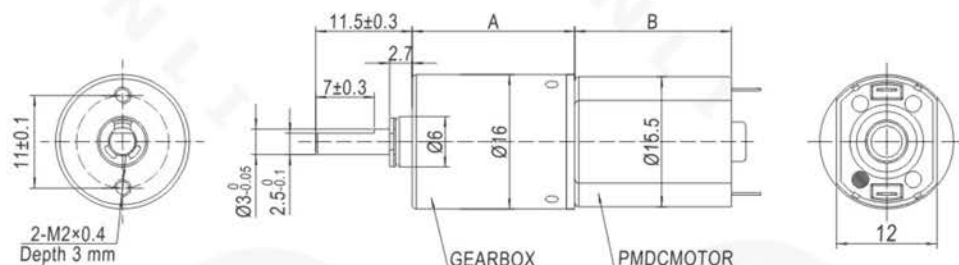
齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
GMP12PMN10-120K	1:120	4.6 VDC	175	≤75	135	≤280	20/200	≤750	95/950
GMP12PMN20-120K		4.5 VDC	85	≤55	65	≤120	17.5/175	≤380	88/880
GMP12PMN30-120K			112	≤65	100	≤180	20/200	≤750	12.5/1250
		12 VDC	205	≤80	180	≤220	35/350	≤520	200/2000

单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model		电机长度 Length "L"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-N10	04622000	10	4.6 VDC	22000	≤55	17000	≤235	0.25/2.5	≤675	1.1/11
SL-N20	04510500	15	4.5 VDC	10500	≤30	8250	≤80	0.2/2.0	≤300	1.05/10.5
	04514000		4.5 VDC	14000	≤40	12000	≤130	0.25/2.5	≤650	1.5/15
SL-N30	1225400	20	12 VDC	25400	≤50	22600	≤170	0.5/5	≤380	4.2/42



DC GEAR MOTOR
Model: GMP16M030/050



电机参数及减速机输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Data

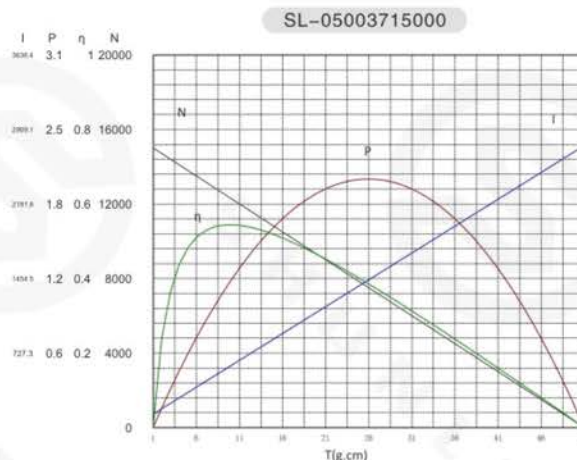
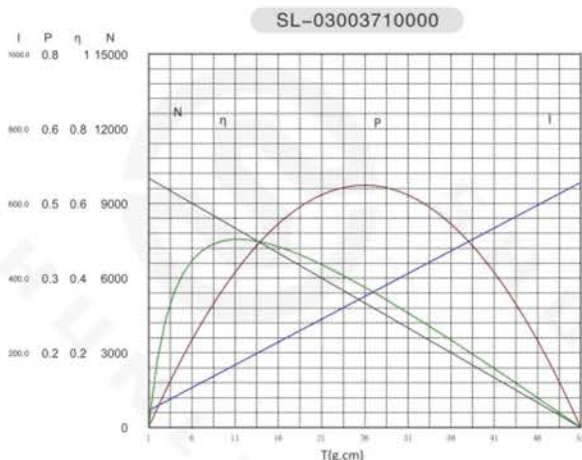
级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/4.75K	16K/19K/22.5K	64K/76K/90K/107K	256K/304K/361K/ 428K/509K	1024K/1216K/1444K 1715K/2036K/2418K
齿轮箱长度 Gearbox Length"A"(mm)	12.2	15.8	19.4	23	26.6
最大额定可承载扭力 Max.Reated Torque	1.0 Kgf.cm	1.5 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	3.0 Kgf.cm	6.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm	12.0 Kgf.cm
效率 Gearbox Efficiency	90%~95%	80%~90%	70%~80%	60%~70%	50%~60%

齿轮箱电机技术参数 Gearmotor Technical Data

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP16M030-107K	1:107	3.7 VDC	92	≤80	66	≤280	0.035/0.35	≤700	0.12/1.2
GMP16M050-256K	1:256	3.7 VDC	56	≤200	46	≤650	0.12/1.2	≤3000	0.48/4.8

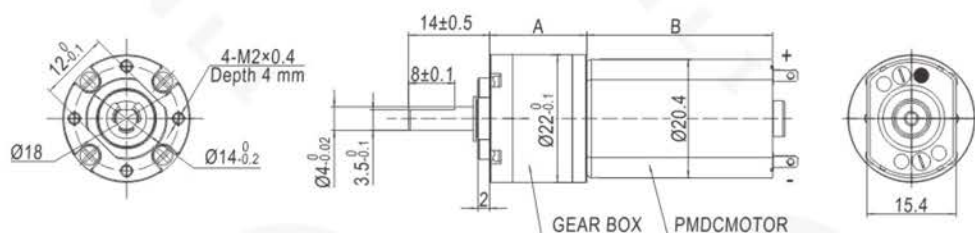
单体直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		电机长度 Length "B"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-030	03710000	18.6	3.7 VDC	10000	≤55	7350	≤220	0.5/5	≤650	1.8/18
SL-350	03715000	26.7	3.7 VDC	15000	≤145	12000	≤600	1/10	≤2900	5/50



DC GEAR MOTOR

Model: GMP22M130/180



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

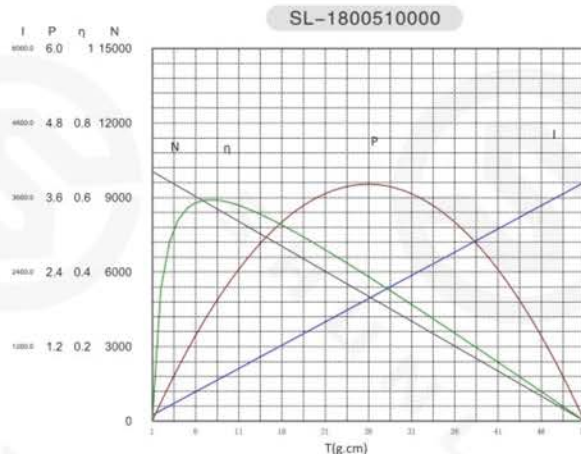
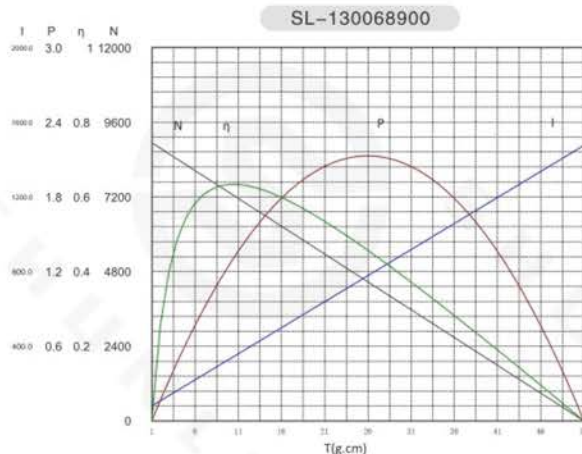
级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/4.75K	16K/19K/22.6K	64K/76K/90K/107K	256K/304K/361K/ 428K/509K	1024K/1216K/1444K/ 1715K/2036K/2418K
齿轮箱长度 Gearbox Length"A"(mm)	13.3	16.8	20.3	23.8	27.3
最大额定可承载扭力 Max.Reated Torque	1.0 Kgf.cm	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max.Gear Breaked Torque	3.5 Kgf.cm	6.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm
效率 Gearbox Efficiency	80%~90%	70%~80%	60%~70%	50%~60%	40%~50%

齿轮箱电机技术参数 Gearmotor Technical Data

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP22M130-64K	1:64	6 VDC	138	≤160	110	≤450	0.095/0.95	≤1700	0.42/4.2
GMP22M180-256K	1:256	5 VDC	38	≤180	30	≤1050	0.32/3.2	≤3900	1.25/12.5

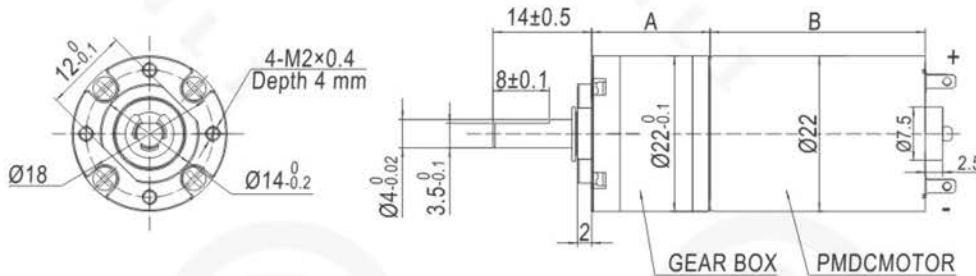
单体直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		电机长度 Length "B"(mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-130	068900	25	6 VDC	8900	≤100	7250	≤370	2.0/20	≤1670	10/100
SL-180	0510000	32.1	5 VDC	10000	≤120	8150	≤800	2.5/25	≤3800	14.8/148



DC GEAR MOTOR

Model: GMP22M250/250L



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/4.75K	16K/19K/22.6K	64K/76K/90K/107K	256K/304K/361K/428K/509K	1024K/1216K/1444K/1715K/2036K/2418K
齿轮箱长度 Gearbox Length "A" (mm)	13.3	16.8	20.3	23.8	27.3
最大额定可承载扭力 Max. Rated Torque	1.0 Kgf.cm	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	3.5 Kgf.cm	6.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm
效率 Gearbox Efficiency	80%~90%	70%~80%	60%~70%	50%~60%	40%~50%

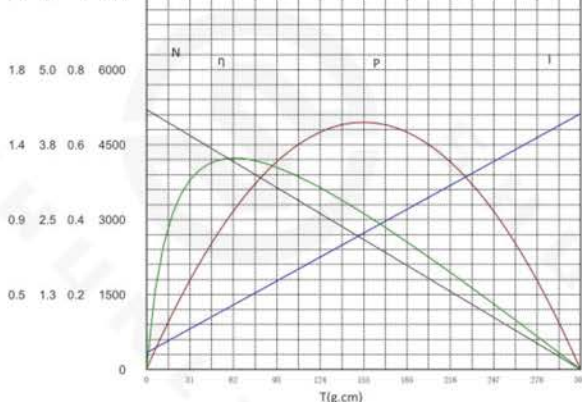
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP22M250-64K	1:64	12 VDC	140	≤250	110	≤700	0.3/3.0	≤2700	1.25/12.5
GMP22M250L-107K	1:107	12 VDC	48	≤180	38.5	≤450	0.4/4.0	≤1800	1.75/17.5

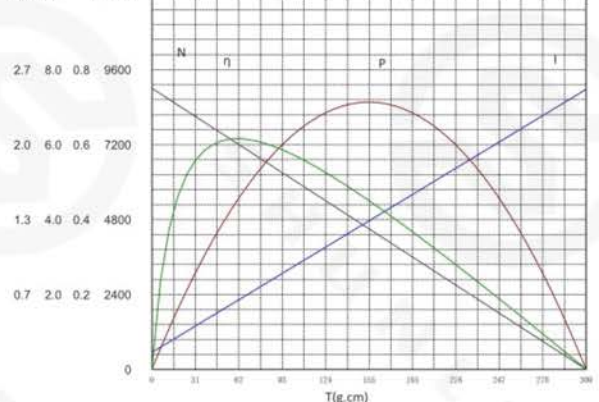
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	电机长度 Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-250	129000	30.5	9000	≤160	7220	≤650	6.0/60	≤2550	30/300
SL-250L	125200	38.2	5200	≤120	4150	≤400	5.5/55	≤1600	28/280

SL-250L125200

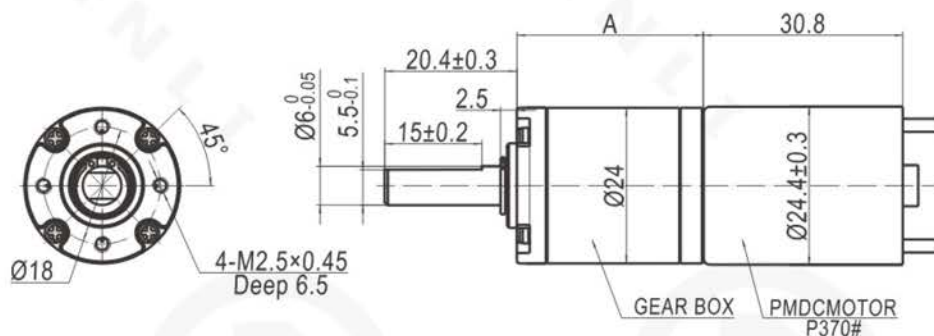


SL-250129000



DC GEAR MOTOR

Model: GMP24M370



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

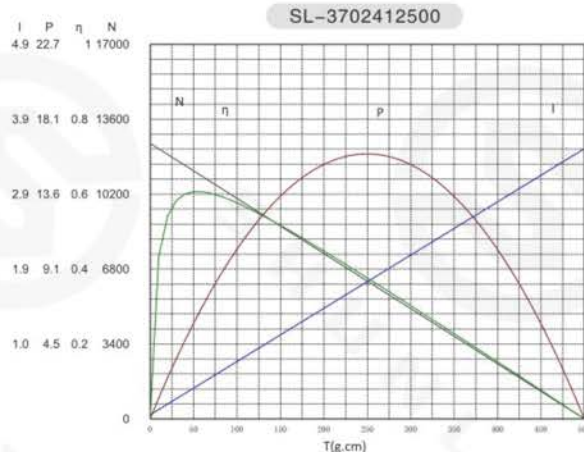
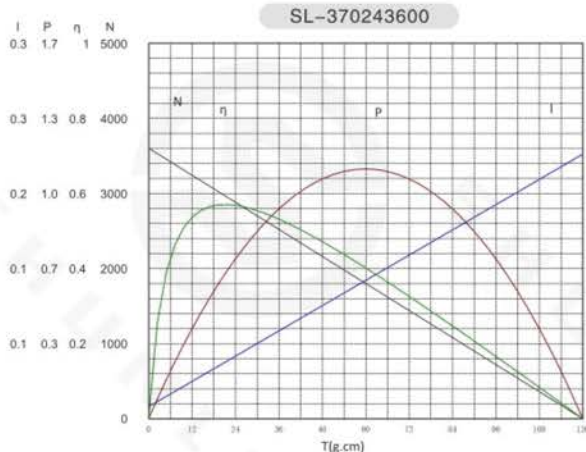
级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/4.6K	15K/18K/21.5K	57.4K/69K/83K/100K	221K/266K/320K/ 334K/462K	854K/1026K/1234K/ 1483K/1782K/2142K
齿轮箱长度 Gearbox Length"A"(mm)	19	26.4	33.8	41.2	48.6
最大额定可承载扭力 Max. Rated Torque	1.0 Kgf.cm	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	3.5 Kgf.cm	6.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm
效率 Gearbox Efficiency	80%~90%	70%~80%	60%~70%	50%~60%	40%~50%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP24M370-100K	1:100	24 VDC	36	≤60	29	≤120	0.12/1.2	≤280	0.72/7.2
GMP24M370-266K	1:266	24 VDC	46	≤100	41	≤550	0.4/4	≤3900	1.25/12.5

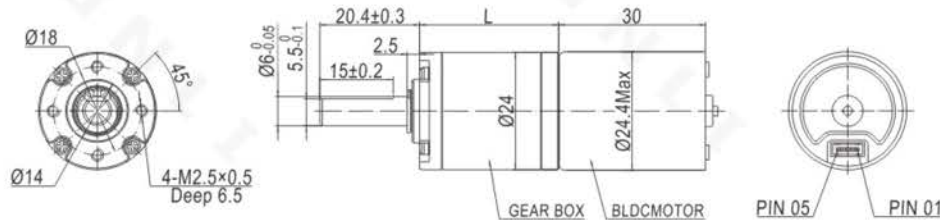
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-370	243600	3600	≤20	2950	≤55	2.0/20	≤250	12/120
SL-370	2412500	12500	≤60	11000	≤450	5.0/50	≤3550	50/500



BLDC GEAR MOTOR

Model: GMP24MBL2430



无刷电机端口说明 BLDC MOTOR Terminations			
序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW		

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

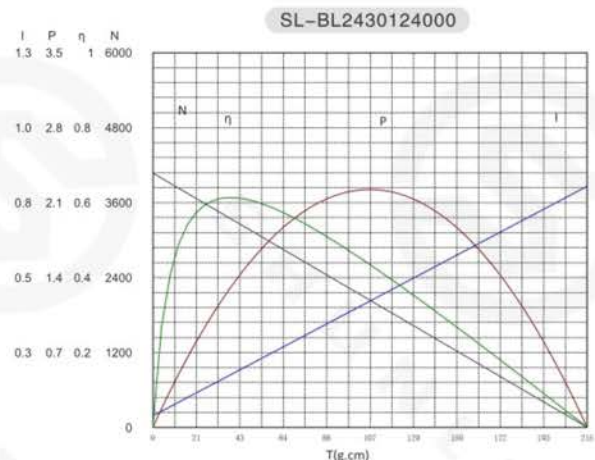
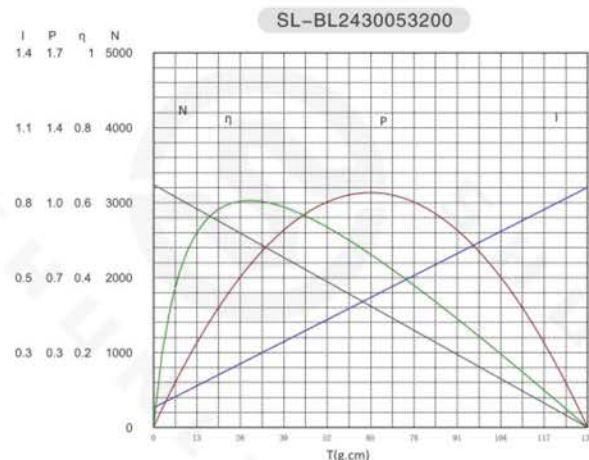
级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/4.6K	15K/18K/21.5K	57.4K/69K/83K/100K	216K/266K/320K/334K/462K	854K/1026K/1234K/1782K/2142K
齿轮箱长度 Gearbox Length "L"(mm)	19	26.4	33.8	41.2	48.6
最大额定可承载扭力 Max. Rated Torque	1.0 Kgf.cm	2.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm	4.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	3.5 Kgf.cm	6.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm	12.5 Kgf.cm
效率 Gearbox Efficiency	80%~90%	70%~80%	60%~70%	50%~60%	40%~50%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP24MBL2430-100K	1:100	5 VDC	32	≤120	25	≤260	0.16/1.6	≤950	0.75/7.5
GMP24MBL2430-266K	1:266	12 VDC	15	≤90	12.5	≤200	0.65/6.5	≤900	2.25/22.5

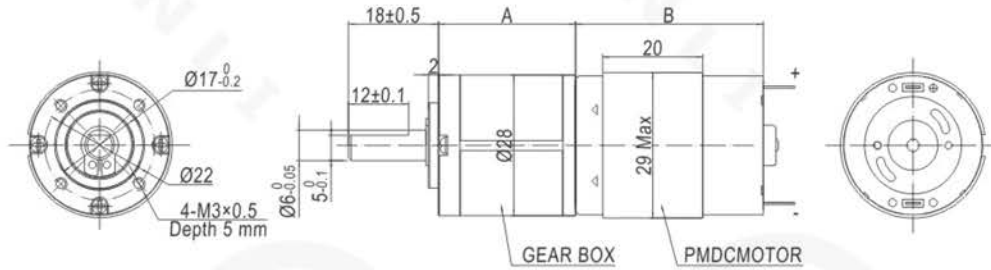
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
BL2430	053200	3200	≤80	2500	≤250	2.8/28	≤890	13/130
BL2430	124000	4000	≤40	3300	≤180	3.8/38	≤860	21/210



DC GEAR MOTOR

Model: GMP28M365/385/395



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

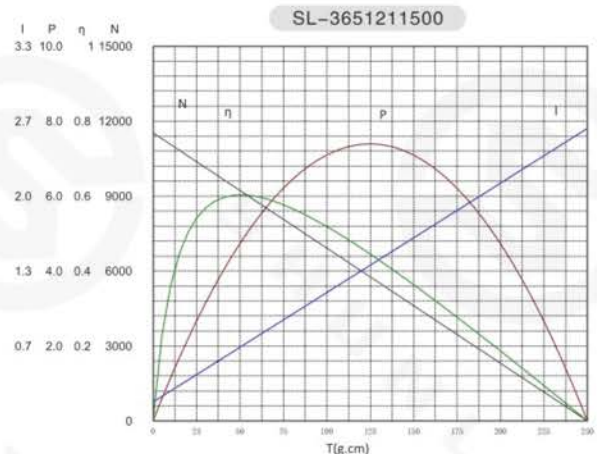
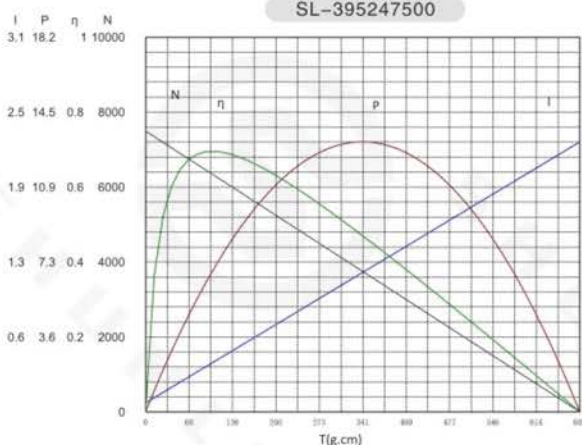
级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.4K/4.6K	11.2K/15.5K/21.5K	37.7K/52K/72K/100K	126K/175K/242K/ 334K/462K	424K/568K/810K/ 1120K/1549K/2142K
齿轮箱长度 Gearbox Length "A" (mm)	21.7	27.4	33.2	39	44.8
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	10.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	30.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm
效率 Gearbox Efficiency	85%~92%	75%~85%	65%~75%	55%~65%	45%~55%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP28M365-126K	1:126	12 VDC	90	≤260	72	≤720	0.36/3.6	≤2800	1.8/18
GMP28M385-11.2K	1:11.2	12 VDC	885	≤200	760	≤750	0.06/0.6	≤4800	0.45/4.5
GMP28M395-264K	1:264	12 VDC	28	≤180	23.5	≤500	1.5/15	≤2350	6.0/60

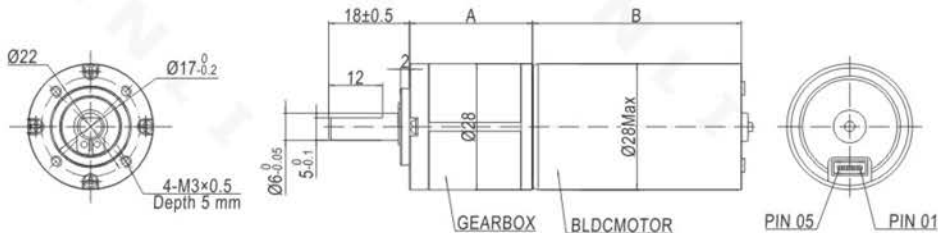
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-365	1211500	32.6	11500	≤180	9200	≤680	5.0/50	≤2650	25/250
SL-385	1210000	37.8	10000	≤120	8600	≤720	6.5/65	≤4650	50/500
SL-395	127500	46.5	7500	≤80	6300	≤450	10/100	≤2250	68/680



BLDC GEAR MOTOR

Model: GMP28MBL2838/BL2847



无刷电机端口说明 BLDC MOTOR Terminations			
序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW		

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制:
Transmission shaft size can be customized;
- 电机参数可以定制:
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

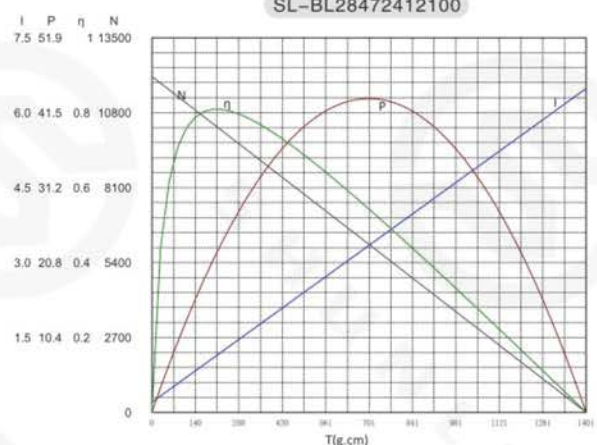
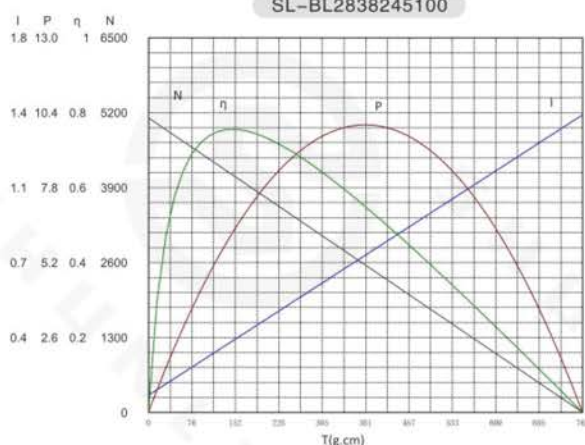
级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.4K/4.6K	11.2K/15.5K/21.5K	37.7K/52K/72K/100K	126K/175K/242K/ 334K/462K	854K/1026K/1234K/ 1782K/2142K
齿轮箱长度 Gearbox Length "A" (mm)	21.7	27.4	33.2	39	44.8
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	10.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	30.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm
效率 Gearbox Efficiency	85%~92%	75%~85%	65%~75%	55%~65%	45%~55%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP28MBL2838-126K	1:126	24 VDC	40	≤200	32.5	≤450	1.0/10	≤1600	4.5/45
GMP28MBL2847-11.2K	1:11.2	24 VDC	1050	≤320	880	≤1250	0.16/1.6	≤6800	0.95/9.5

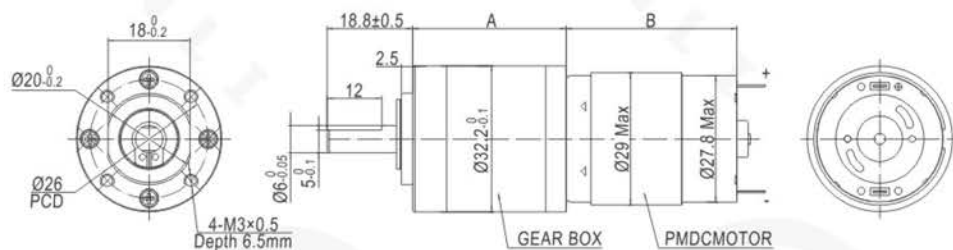
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	无刷电机长度 Bldcmotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-BL2838	245100	24 VDC	5100	≤100	4100	≤360	14/140	≤1500	75/750
SL-BL2847	2412000	24 VDC	12000	≤220	10000	≤1200	20/200	≤6500	140/1400



DC GEAR MOTOR

Model: GMP32M365/385/395



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.4K/4.6K	11.2K/15.5K/21.5K	37.7K/52K/72K/100K	126K/175K/242K/ 334K/462K	424K/568K/810K/ 1120K/1549K/2142K
齿轮箱长度 Gearbox Length "A" (mm)	22.2	27.9	33.7	39.5	45.3
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	10.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	30.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm
效率 Gearbox Efficiency	85%~92%	75%~85%	65%~75%	55%~65%	45%~55%

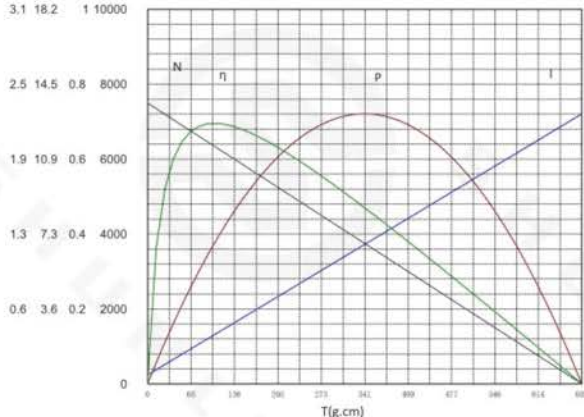
齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP32M365-126K	1:126	12 VDC	90	≤260	72	≤720	0.36/3.6	≤2800	1.8/18
GMP32M385-11.2K	1:11.2	12 VDC	885	≤200	760	≤750	0.06/0.6	≤4800	0.45/4.5
GMP32M395-264K	1:264	12 VDC	28	≤180	23.5	≤500	1.5/15	≤2350	6.0/60

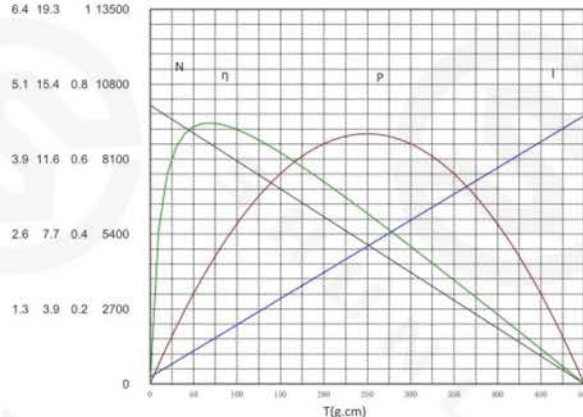
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-365	1211500	32.6	11500	≤180	9200	≤680	5.0/50	≤2650	25/250
SL-385	1210000	37.8	10000	≤120	8600	≤720	6.5/65	≤4650	50/500
SL-395	127500	46.5	7500	≤80	6300	≤450	10/100	≤2250	68/680

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3.1 18.2 1 10000

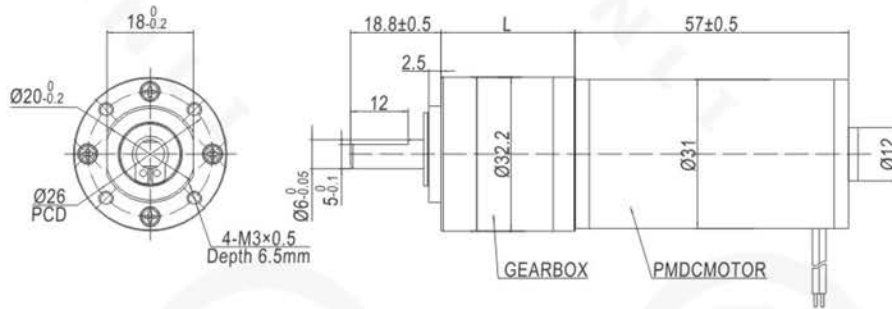


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DC GEAR MOTOR

Model:GMP32M3157



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

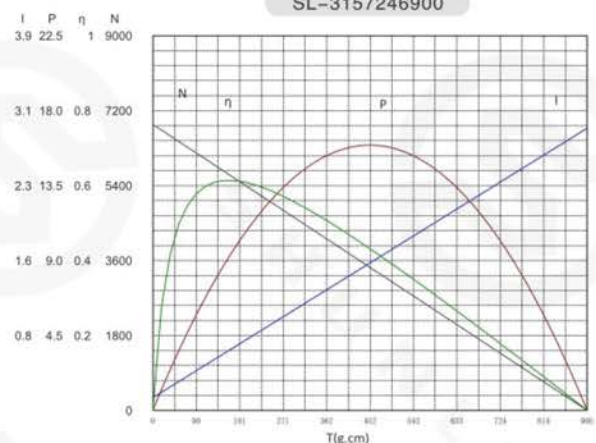
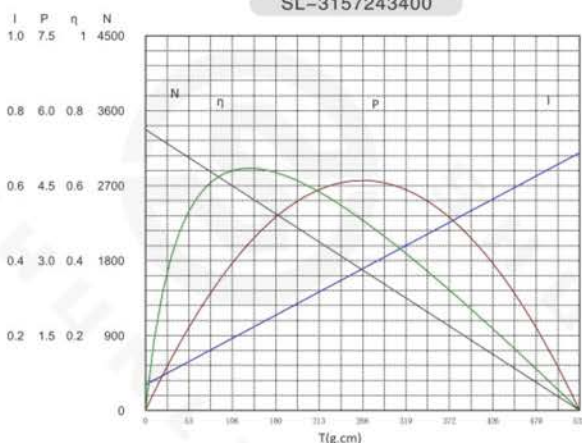
级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.4K/4.6K	11.2K/15.5K/21.5K	37.7K/52K/72K/100K	126K/175K/242K/334K/462K	854K/1026K/1234K/1782K/2142K
齿轮箱长度 Gearbox Length"A"(mm)	22.2	27.9	33.7	39.5	45.3
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	10.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm	20.0 Kgf.cm
最大破坏扭力 Max. Gear Breaked Torque	15.0 Kgf.cm	30.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm	60.0 Kgf.cm
效率 Gearbox Efficiency	85%~92%	75%~85%	65%~75%	55%~65%	45%~55%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP32M3157-126K	1:126	24 VDC	26.5	≤160	20	≤280	1.0/10	≤800	3.6/36
GMP32M3157-11.2K	1:11.2	24 VDC	615	≤200	500	≤750	0.16/1.6	≤3200	0.55/5.5

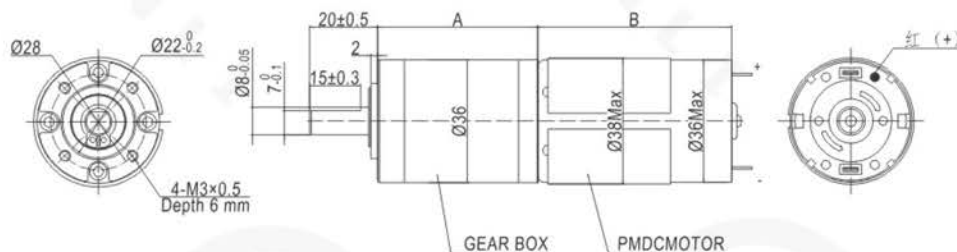
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-3157	243400	3400	≤80	2550	≤230	12/120	≤750	52/520
SL-3157	246900	6900	≤150	5650	≤650	15/150	≤3000	90/900



DC GEAR MOTOR

Model: GMP36M545/555/575



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

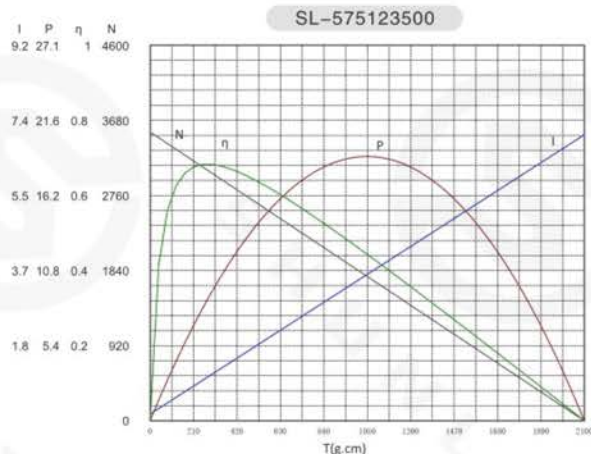
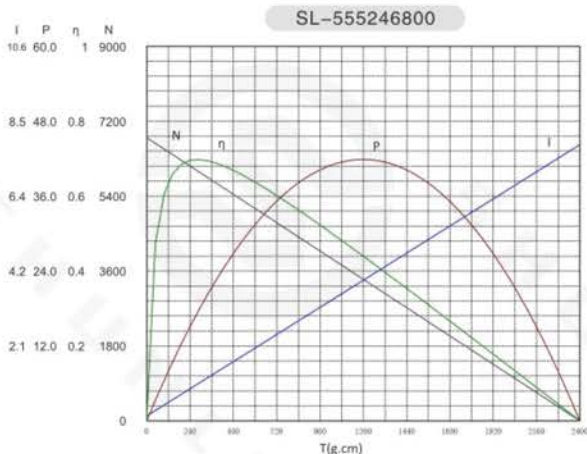
级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.7K/5.2K	13.7K/19.2K/27K	51K/71K/100K/139K	189K/264K/369K/ 516K/721K	699K/977K/1367K/ 1911K/2672K/3736K
齿轮箱长度 Gearbox Length "A" (mm)	26	33	40	47	54
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	10.0 Kgf.cm	20.0 Kgf.cm	25.0 Kgf.cm	30.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	30.0 Kgf.cm	60.0 Kgf.cm	75.0 Kgf.cm	90.0 Kgf.cm
效率 Gearbox Efficiency	80%~92%	70%~80%	60%~70%	50%~60%	40%~50%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP36M545-139K	1:139	24 VDC	75	≤450	65	≤2200	2.5/25	≤15500	12.5/125
GMP36M555-27K	1:27	24 VDC	250	≤250	220	≤1250	0.45/4.5	≤8500	3.0/30
GMP36M575-264K	1:264	12 VDC	13	≤280	11.5	≤1250	3.0/30	≤7850	9.0/90

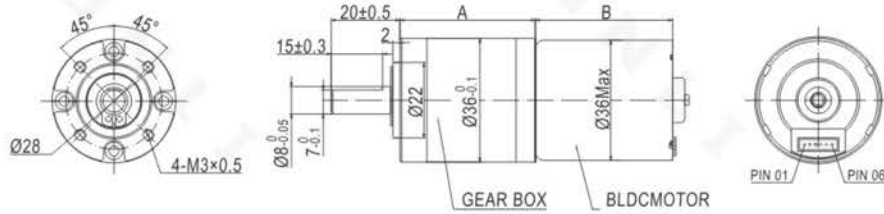
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速 Speed	电流 Current	转速 Speed	电流 Current	扭力 Torque	电流 Current	扭力 Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-545	2410600	24 VDC	10600	≤320	9300	≤2100	32/320	≤14500	250/2500
SL-555	246800	24 VDC	6800	≤150	6000	≤1100	28/280	≤8000	240/2400
SL-575	123500	12 VDC	3500	≤165	3050	≤1100	26.5/265	≤7200	210/2100



BLDC GEAR MOTOR

Model: GMP36MBL3626/3630/3640/3650/3657



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制:
Transmission shaft size can be customized;
- 电机参数可以定制:
Motor parameters can be customized;

无刷电机端口说明 BLDC MOTOR Terminations			
序号NO.:	端口PIN Arrangement	序号NO.:	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW	6	BRAKE

齿轮箱技术参数 Gearbox Technical Date

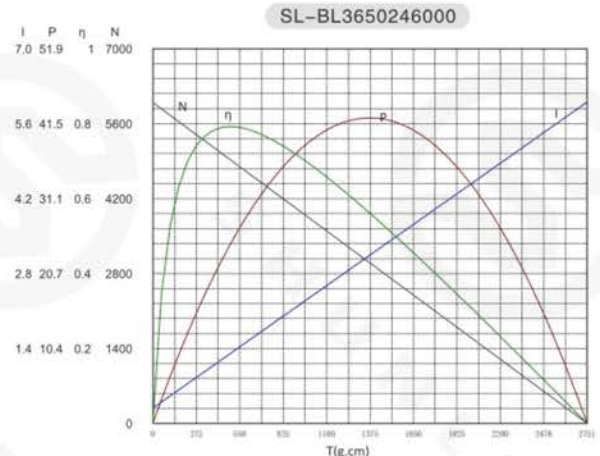
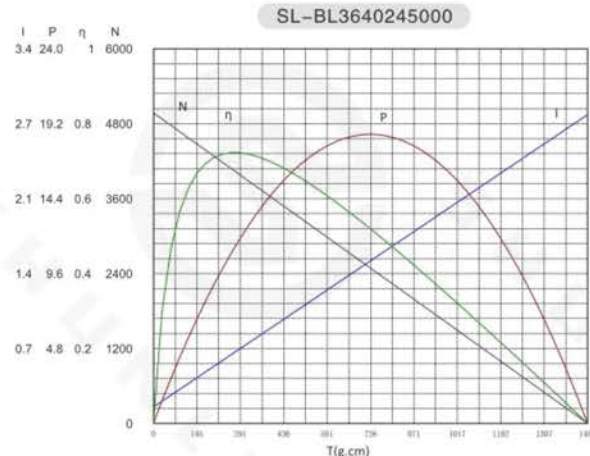
级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.7K/5.2K	13.7K/19.2K/27K	51K/71K/100K/139K	189K/264K/369K/516K/721K	699K/977K/1367K/1911K/2672K/3736K
齿轮箱长度 Gearbox Length "A" (mm)	26	33	40	47.5	54
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	10.0 Kgf.cm	20.0 Kgf.cm	25.0 Kgf.cm	30.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	30.0 Kgf.cm	60.0 Kgf.cm	75.0 Kgf.cm	90.0 Kgf.cm
效率 Gearbox Efficiency	80%~92%	70%~80%	60%~70%	50%~60%	40%~50%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP36MBL3626-139K	1:139	24 VDC	34	≤180	27	≤400	1.0/10	≤1400	5.5/55
GMP36MBL3640-27K	1:27	24 VDC	185	≤300	150	≤750	0.45/4.5	≤3000	2.25/22.5
GMP36MBL3650-264K	1:264	24 VDC	22.5	≤400	18.5	≤1400	3.0/30	≤7000	10/100

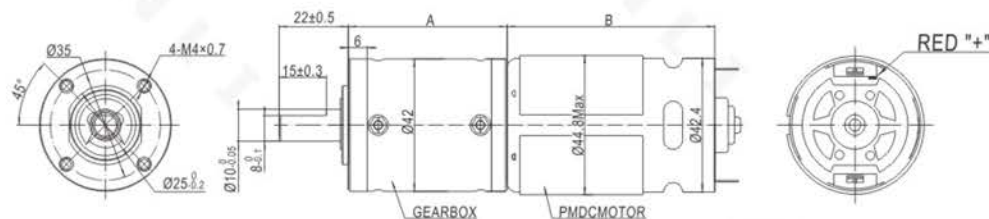
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	无刷电机长度 BldcMotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-BL3626	244800	24 VDC	4800	≤90	3800	≤350	13.5/135	≤1300	65/650
SL-BL3630	125000	12 VDC	5000	≤90	3850	≤720	14/140	≤2400	62/620
SL-BL3640	245000	24 VDC	5000	≤160	4050	≤680	27/270	≤2850	145/1450
SL-BL3650	246000	24 VDC	6000	≤320	4950	≤1350	48/480	≤6500	275/2750
SL-BL3657	246600	24 VDC	6600	≤280	5500	≤1350	40/400	≤6800	240/2400



DC GEAR MOTOR

Model:GMP42M755/775



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

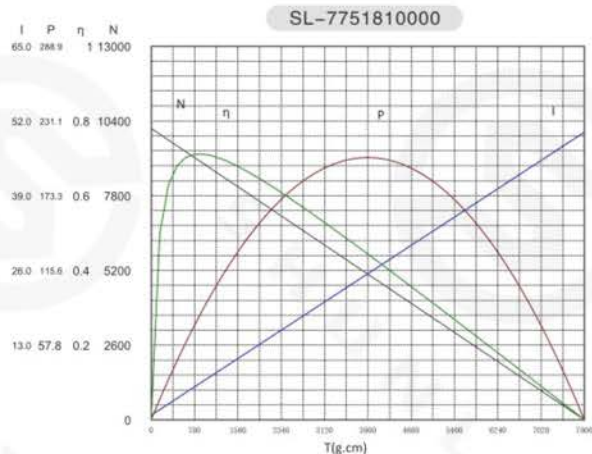
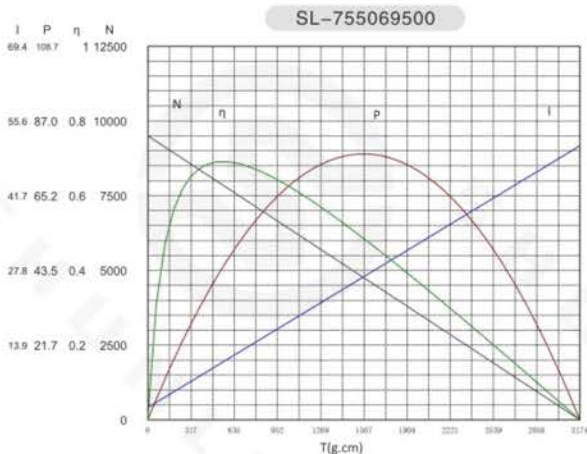
级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/6K	17.3K/24K/36K	75K/104K/144K	216K/325K/450K/ 624K/854K/1296K	1410K/1953K/2704K/ 3744K/5184K
齿轮箱长度 Gearbox Length "A" (mm)	33.5	42	50.5	59	67.5
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	20.0 Kgf.cm	40.0 Kgf.cm	50.0 Kgf.cm	50.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	60.0 Kgf.cm	120.0 Kgf.cm	150.0 Kgf.cm	150.0 Kgf.cm
效率 Gearbox Efficiency	85%~95%	78%~85%	70%~78%	60%~70%	50%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP42M755-216K	1:126	6 VDC	43.5	≤3.0	36	≤12	5.0/50	≤55	15/150
GMP42M775-36K	1:36	18 VDC	275	≤1.0	250	≤7.2	1.5/15	≤52	8.0/80

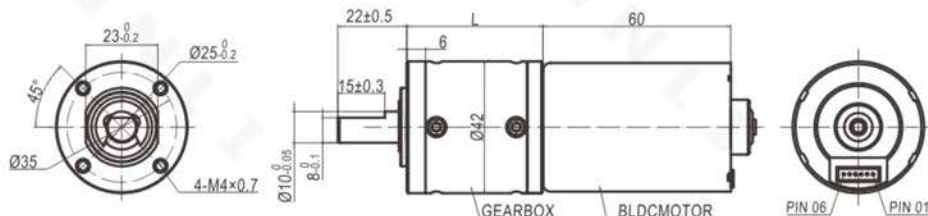
单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
SL-755	069500	6 VDC	9500	≤2.3	7850	≤11	50/500	≤52	305/3050
SL-775	1810000	18 VDC	10000	≤0.8	9000	≤6.5	85/850	≤50	750/7500



BLDC GEAR MOTOR

Model: GMP42MBL4260



无刷电机端口说明 BLDC MOTOR Terminations			
序号NO. :	端口PIN Arrangement	序号NO. :	端口PIN Arrangement
1	VCC	4	GND
2	FG	5	PWM
3	CW/CCW	6	BRAKE

电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

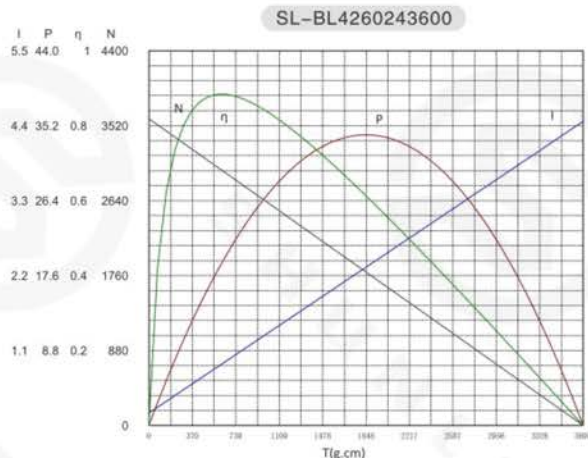
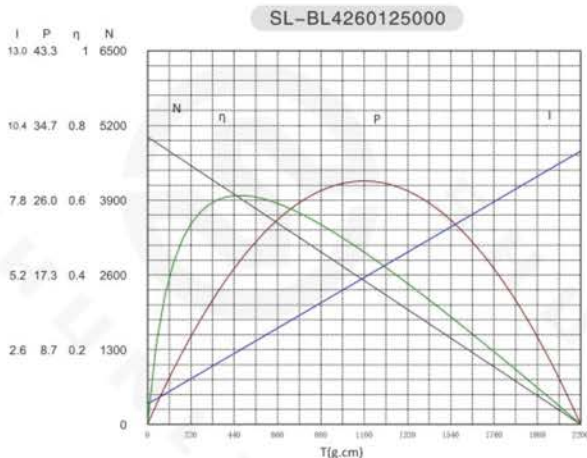
级数 Number of stages	1	2	3	4	5
减速比 Ratio	4K/6K	17.3K/24K/36K	75K/104K/144K	216K/325K/450K/ 624K/854K/1296K	1410K/1953K/2704K/ 3744K/5184K
齿轮箱长度 Gearbox Length "L" (mm)	33.5	42	50.5	59	67.5
最大额定可承载扭力 Max. Rated Torque	5.0 Kgf.cm	20.0 Kgf.cm	40.0 Kgf.cm	50.0 Kgf.cm	50.0 Kgf.cm
最大破坏扭力 Max. Gear Broken Torque	15.0 Kgf.cm	60.0 Kgf.cm	120.0 Kgf.cm	150.0 Kgf.cm	150.0 Kgf.cm
效率 Gearbox Efficiency	85%~95%	78%~85%	70%~78%	60%~70%	50%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
			RPM	mA	RPM	mA	N.m/Kgf.cm	mA	N.m/Kgf.cm
GMP42MBL4260-36K	1:36	12 VDC	135	≤900	110	≤2500	2.5/25	≤9500	10.5/105
GMP42MBL4260-325K	1:325	24 VDC	10	≤300	8	≤1200	6.0/60	≤4800	20/200

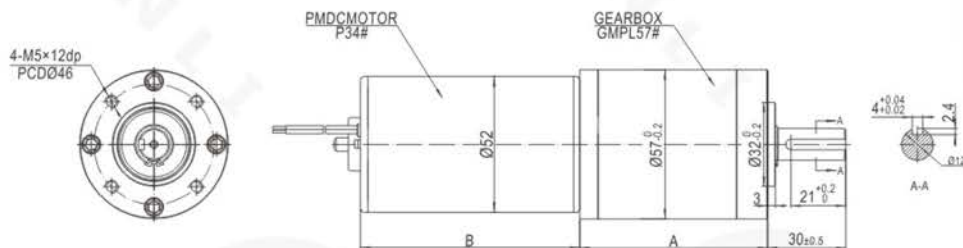
单体无刷电机技术参数 BLDC MOTOR Technical Date

单体无刷电机型号 BLDCMOTOR Model	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
		转速Speed	电流Current	转速Speed	电流Current	扭力Torque	电流Current	扭力Torque
		RPM	mA	RPM	mA	mN.m/gf.cm	mA	mN.m/gf.cm
BL4260	125000	5000	≤700	3900	≤2650	45/450	≤9500	220/2200
BL4260	243600	3600	≤200	3000	≤900	60/600	≤4500	360/3600



DC GEAR MOTOR

Model:GMP57MP3435/P3440



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

齿轮箱技术参数 Gearbox Technical Date

级数 Number of stages	1	2	3	4	5
减速比 Ratio	3.5K/4.75K	12.3K/16K/22.6K	42.8K/76K/107K	150K/204K/276K/ 375K/509K	525K/713K/967K/ 1313K/1782/2418K
齿轮箱长度 Gearbox Length"A"(mm)	37.5	49	60.5	72	79
最大额定可承载扭力 Max.Reated Torque	30.0 Kgf.cm	50.0 Kgf.cm	80.0 Kgf.cm	100.0 Kgf.cm	100.0 Kgf.cm
最大破坏扭力 Max.Gear Broken Torque	90.0 Kgf.cm	150.0 Kgf.cm	240.0 Kgf.cm	300.0 Kgf.cm	300.0 Kgf.cm
效率 Gearbox Efficiency	85%~95%	78%~85%	70%~78%	60%~70%	50%~60%

齿轮箱电机技术参数 Gearmotor Technical Date

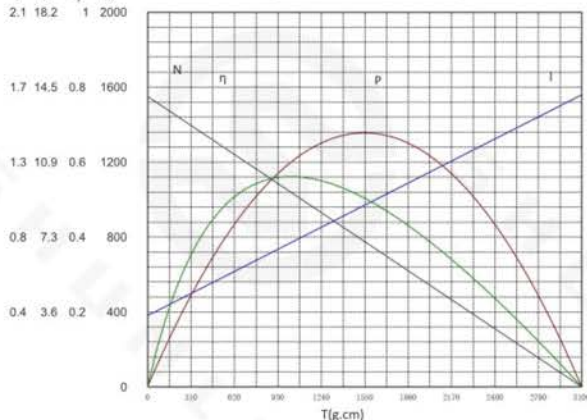
齿轮箱电机型号 Gearmotor Model	减速比 Ratio	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque N.m/Kgf.cm	电流Current mA	扭力Torque N.m/Kgf.cm
GMP57MP3435-107K	1:107	6 VDC	14.5	≤0.65	10	≤1.2	6.0/60	≤2.0	22/220
GMP57MP3440-4.75K	1:4.75	12 VDC	1780	≤1.8	1500	≤12	0.8/8	≤78	3.5/35

单体直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model	单体电机长度 Pmdcmotor Length "B" (mm)	额定电压 Rated Voltage (V)	空载状态 No-Load		额定状态 Rated			堵转状态 Stall	
			转速Speed RPM	电流Current mA	转速Speed RPM	电流Current mA	扭力Torque mN.m/gf.cm	电流Current mA	扭力Torque mN.m/gf.cm
SL-P3435	241550	24 VDC	1550	≤0.4	1050	≤0.85	100/1000	≤1.8	310/3100
SL-P3440	128500	12 VDC	8500	≤1.2	7000	≤11.5	205/2050	≤78	900/9000

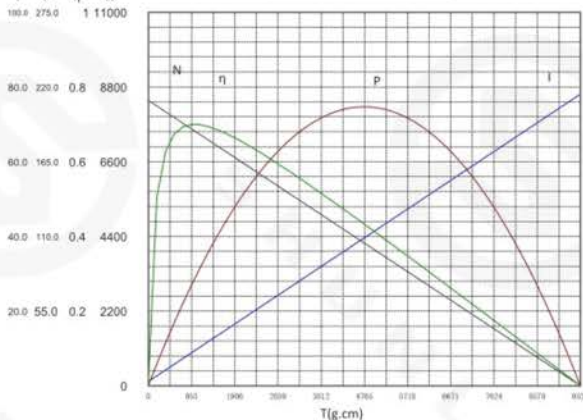
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SL-3435241550



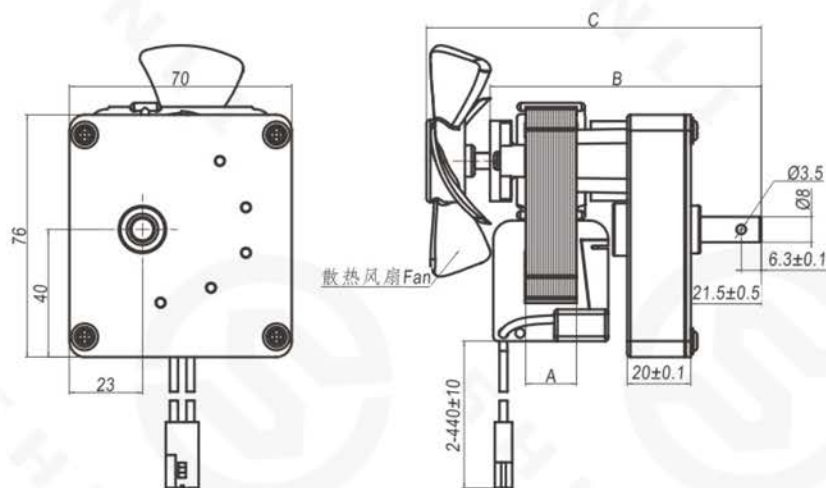
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SL-3440128400



AC GEAR MOTOR

Model:GM60A Series



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

电机型号 Model	电机尺寸 Size: mm		
	A	B	C
GM60A-6016#	16	87	104
GM60A-6020#	20	91	108
GM60A-6025#	25	96	113
GM60A-6030#	30	101	118
GM60A-6040#	40	111	128
GM60A-6050#	50	121	138

罩极减速箱电机基本参数 Shaded Pole Gearmotor Performance Parameter

工作电压 Voltage	AC100V~240V/50Hz~60Hz
减速比范围 Ratio	i=1:100~1:2000
输出转速 Out-put Speed	1.6RPM~30RPM
输出功率 Out-put Power	10W~100W
输出扭力 Out-put Torque	0.5N.m~16N.m
输出轴尺寸规格 Output Shaft Size	可以按照客户指定要求 Can be customized
电源线规格 Lead Fire	可以按照客户指定要求 Can be customized
电机绝缘等级 SP Gearmotor Insulation Grade	CLASS E/CLASS B/CLASS F/CLASS H
电机安全认证 SP Gearmotor Safety Certification	CE/UL/CUL/ETL etc
电机与减速箱配合方式 SP Motor and Gearbox Matching Mode	含油轴承 Oil Bearing / 滚珠轴承 Ball Bearing
电机工作温度湿度范围 Operating Temperature/Humidity Range	-30℃~180℃ / RH 85% Max
电机工作寿命 Life	10,000Hours~25,000Hours

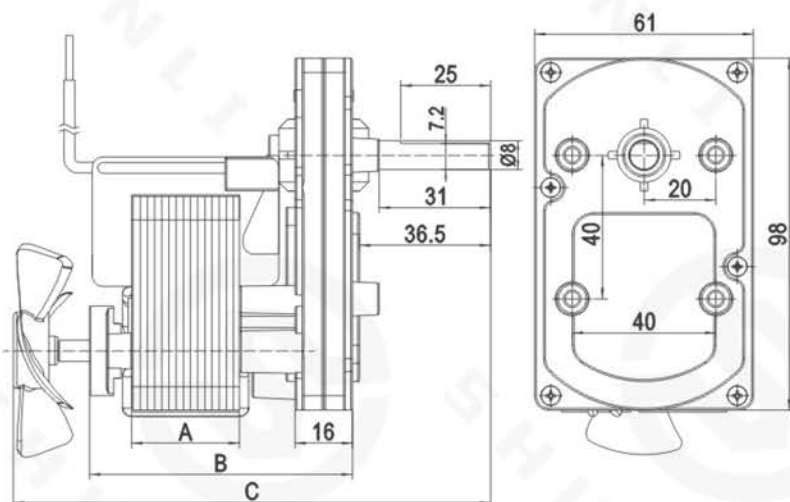
罩极减速箱电机典型应用 Shaded Pole Gearmotor Typical Application

1. 颗粒烧烤炉BBQ/壁炉Fireplace/绞肉机Meat Chopper
2. 各式西厨设备Kinds of Western Kitchen Equipment/餐馆设备Restaurant and Food Equipment
3. 仪器仪表Instrument /自动售货机Vending Machine/农业设备Agricultural Equipment
4. 制冰机Ice Machine/空气净化器Air Cleaner/咖啡机Coffee Machine
5. 其他设备Other Machine etc



AC GEAR MOTOR

Model:GM61C Series



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

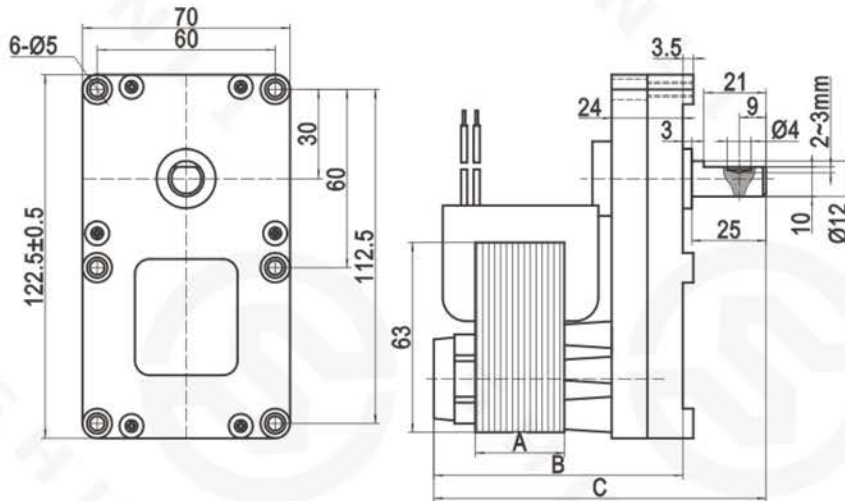
电机型号 Model	电机尺寸 Size: mm		
	A	B	C
GM61C-6016#	16	61	106
GM61C-6020#	20	65	120
GM61C-6025#	25	70	125
GM61C-6030#	30	75	130
GM61C-6040#	40	85	140
GM61C-6050#	50	95	150

罩极减速箱电机基本参数 Shaded Pole Gearmotor Performance Parameter	
工作电压 Voltage	AC100V~240V/50Hz~60Hz
减速比范围 Ratio	i=1:100~1:900
输出转速 Out-put Speed	3.0RPM~30RPM
输出功率 Out-put Power	10W~100W
输出扭力 Out-put Torque	0.5N.m~10N.m
输出轴尺寸规格 Output Shaft Size	可以按照客户指定要求 Can be customized
电源线规格 Lead Fire	可以按照客户指定要求 Can be customized
电机绝缘等级 SP Gearmotor Insulation Grade	CLASS E/CLASS B/CLASS F/CLASS H
电机安全认证 SP Gearmotor Safety Certification	CE/UL/CUL/ETL etc
电机与减速箱配合方式 SP Motor and Gearbox Matching Mode	含油轴承 Oil Bearing
电机工作温度湿度范围 Operating Temperature/Humidity Range	-30℃~180℃ / RH 85% Max
电机工作寿命 Life	10,000Hours~20,000Hours

罩极减速箱电机典型应用 Shaded Pole Gearmotor Typical Application	
1. 颗粒烧烤炉BBQ/壁炉Fireplace/绞肉机Meat Chopper	
2. 各式西厨设备Kinds of Western Kitchen Equipment/餐馆设备Restaurant and Food Equipment	
3. 仪器仪表Instrument /自动售货机Vending Machine/农业设备Agricultural Equipment	
4. 制冰机Ice Machine/空气净化器Air Cleaner/咖啡机Coffee Machine	
5. 其他设备Other Machine etc	

AC GEAR MOTOR

Model:GM70B Series



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

电机型号 Model	电机尺寸 Size: mm		
	A	B	C
GM70B-6016#	16	72	100
GM70B-6020#	20	76	104
GM70B-6025#	25	81	109
GM70B-6030#	30	86	114
GM70B-6040#	40	96	124
GM70B-6050#	50	106	134

罩极减速箱电机基本参数 Shaded Pole Gearmotor Performance Parameter

工作电压 Voltage	AC100V~240V/50Hz~60Hz
减速比范围 Ratio	i=1:100~1:1800
输出转速 Out-put Speed	1.6RPM~30RPM
输出功率 Out-put Power	10W~100W
输出扭力 Out-put Torque	0.5N.m~15N.m
输出轴尺寸规格 Output Shaft Size	可以按照客户指定要求 Can be customized
电源线规格 Lead Fire	可以按照客户指定要求 Can be customized
电机绝缘等级 SP Gearmotor Insulation Grade	CLASS E/CLASS B/CLASS F/CLASS H
电机安全认证 SP Gearmotor Safety Certification	CE/UL/CUL/ETL etc
电机与减速箱配合方式 SP Motorand Gearbox Matching Mode	滚珠轴承 Ball Bearing
电机工作温度湿度范围 Operating Temperature/Humidity Range	-30℃~180℃ / RH 85% Max
电机工作寿命 Life	10,000Hours~25,000Hours

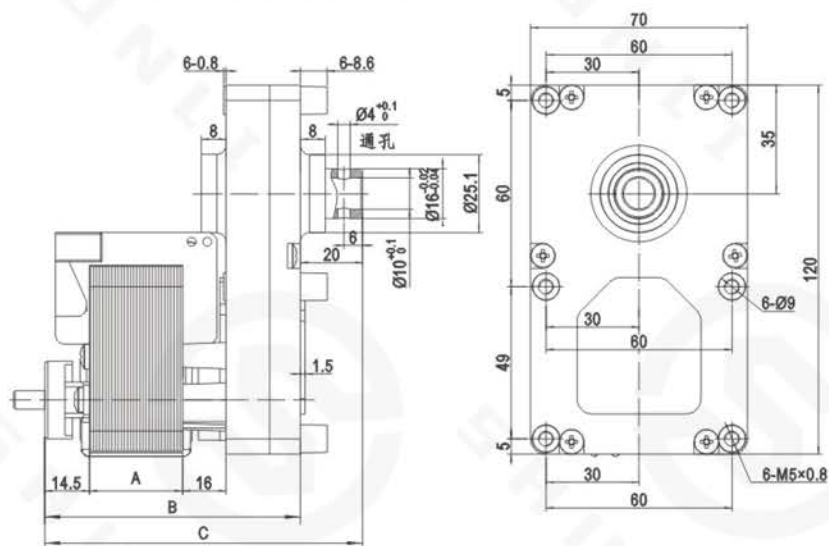
罩极减速箱电机典型应用 Shaded Pole Gearmotor Typical Application

- 颗粒烧烤炉BBQ/壁炉Fireplace/绞肉机Meat Chopper
- 各式西厨设备Kinds of Western Kitchen Equipment/餐馆设备Restaurant and Food Equipment
- 仪器仪表Instrument /自动售货机Vending Machine/农业设备Agricultural Equipment
- 制冰机Ice Machine/空气净化器Air Cleaner/咖啡机Coffee Machine
- 其他设备Other Machine etc



AC GEAR MOTOR

Model:GM70C Series



电机参数及减速箱输出轴可以按照客户要求定制
The parameters and the output shaft of gear box
can be customized.

- 传动轴尺寸可以定制;
Transmission shaft size can be customized;
- 电机参数可以定制;
Motor parameters can be customized;

电机型号 Model	电机尺寸 Size: mm		
	A	B	C
GM70C-6016#	16	68.5	88.5
GM70C-6020#	20	72.5	92.5
GM70C-6025#	25	77.5	97.5
GM70C-6030#	30	82.5	102.5
GM70C-6040#	40	92.5	112.5
GM70C-6050#	50	102.5	122.5

罩极减速箱电机基本参数 Shaded Pole Gearmotor Performance Parameter

工作电压	Voltage	AC100V~240V/50Hz~60Hz
减速比范围	Ratio	i=1:100~1:1800
输出转速	Out-put Speed	1.6RPM~30RPM
输出功率	Out-put Power	10W~100W
输出扭力	Out-put Torque	0.5N.m~15N.m
输出轴尺寸规格	Output Shaft Size	可以按照客户指定要求 Can be customized
电源线规格	Lead Fire	可以按照客户指定要求 Can be customized
电机绝缘等级	SP Gearmotor Insulation Grade	CLASS E/CLASS B/CLASS F/CLASS H
电机安全认证	SP Gearmotor Safety Certification	CE/UL/CUL/ETL etc
电机与减速箱配合方式	SP Motorand Gearbox Matching Mode	滚珠轴承 Ball Bearing
电机工作温度湿度范围	Operating Temperature/Humidity Range	-30℃~180℃ / RH 85% Max
电机工作寿命	Life	10,000Hours~20,000Hours

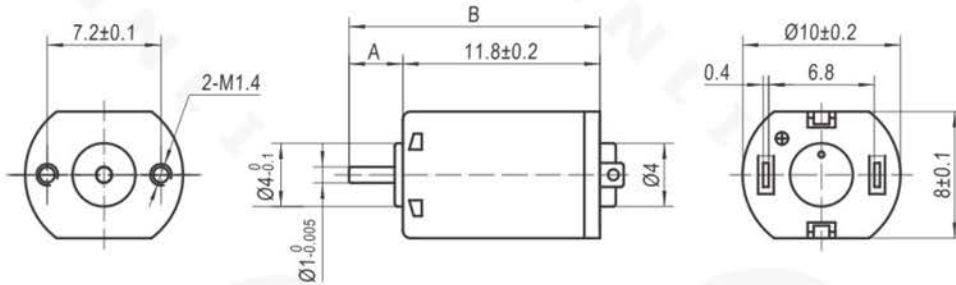
罩极减速箱电机典型应用 Shaded Pole Gearmotor Typical Application

1. 颗粒烧烤炉BBQ/壁炉Fireplace/绞肉机Meat Chopper
2. 各式西厨设备Kinds of Western Kitchen Equipment/餐馆设备Restaurant and Food Equipment
3. 仪器仪表Instrument /自动售货机Vending Machine/农业设备Agricultural Equipment
4. 制冰机Ice Machine/空气净化器Air Cleaner/咖啡机Coffee Machine
5. 其他设备Other Machine etc



DC MOTOR

Model:FF-M10VA



电机特性 Features

- NdFeB Magnet
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Blood Pressure Pump
- Card Reader
- Camera
- Toy

客户定制 Customization

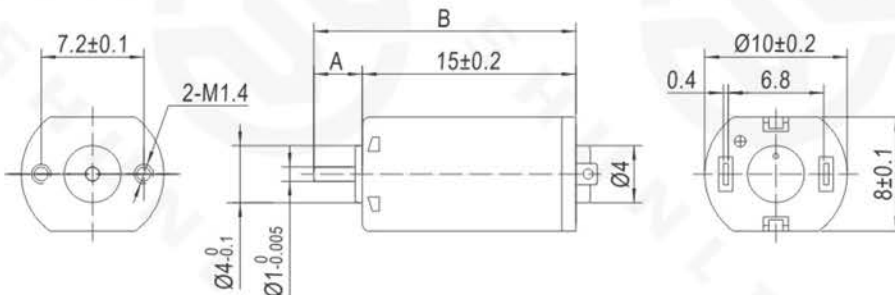
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-M10VA	06230	2.0~5.0	4.5 VDC	23200	0.065	17500	0.14	0.098/1	0.2	0.39	0.39/4
	09120	1.0~3.0	1.5 VDC	14000	0.12	6000	0.3	0.157/1.6	0.08	0.25	0.25/2.6

DC MOTOR

Model:FF-M20VA



电机特性 Features

- NdFeB Magnet
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Blood Pressure Pump
- Card Reader
- Camera
- Toy

客户定制 Customization

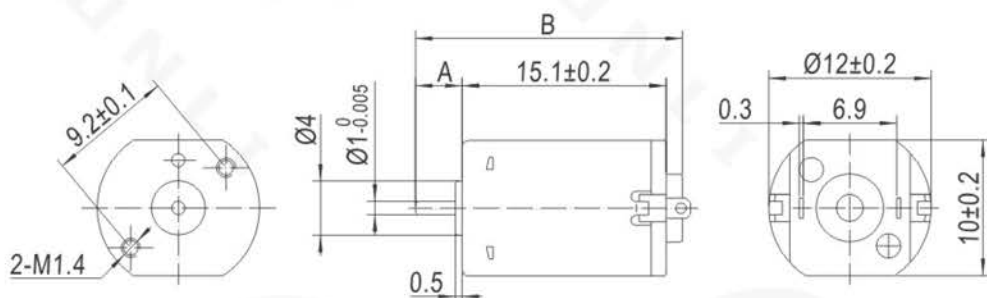
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Date

直流电机技术参数											
单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-M20VA	8130	2.0~3.0	3 VDC	15200	45	11800	160	0.16/1.6	0.19	550	0.69/7
	7170	1.5~3.0	2 VDC	8000	25	6000	75	0.09/0.9	0.06	230	0.35/3.6
	10100	1.5~4.0	2.8 VDC	18000	50	14800	190	0.2/2	0.3	880	1.1/11

DC MOTOR

Model:FF-N20VA/TA



电机特性 Features

- NdFeB Magnet
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Blood Pressure Pump
- Door Lock Actuator
- Electric Shaver
- RC Model/Toy

客户定制 Customization

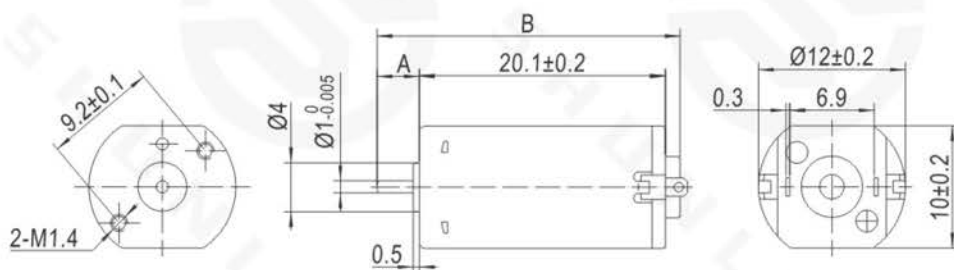
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-N20VA	05240	3.0~12.0	12 VDC	16100	15	12240	60	0.3/3	0.37	210	1.2/12
	08260	2.0~5.0	5 VDC	14600	30	11800	110	0.26/2.6	0.31	470	1.3/13
FF-N20TA	2818	0.8~1.5	12 VDC	34000	70	31000	1140	0.2/2	0.64	6000	1.6/16

DC MOTOR

Model:FF-N30VA



电机特性 Features

- NdFeB Magnet
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- MC/DC Player
- Blood Pressure Meter
- Camera
- RC Model/Toy

客户定制 Customization

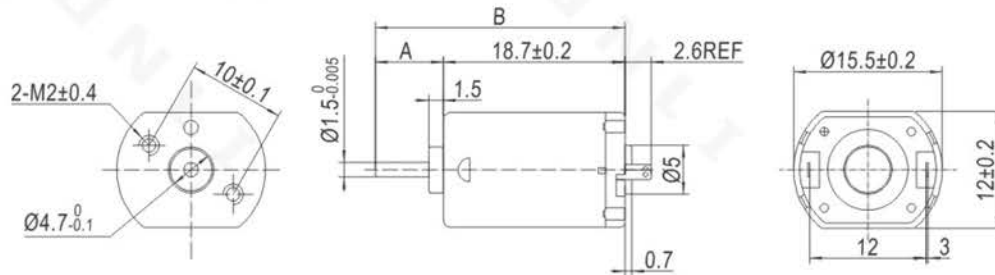
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-N30VA	06320	2.5~5.0	4.6 VDC	5300	10	4100	30	0.18/1.8	0.08	110	0.8/8
	08250	2.0~6.0	5 VDC	7600	11	7600	60	0.3/3	0.23	260	0.15/1.5
FF-N30TS	2818	2.0~4.2	3.7 VDC	38000	380	30000	2600	0.12/1.2	0.074	7000	5.9/60

DC MOTOR

Model:FF-030PA/PK



电机特性 Features

- Permanent Magnet
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Blood Pressure Pump
- CD/DVD-ROM Drive
- Electric lock
- Game Controller

客户定制 Customization

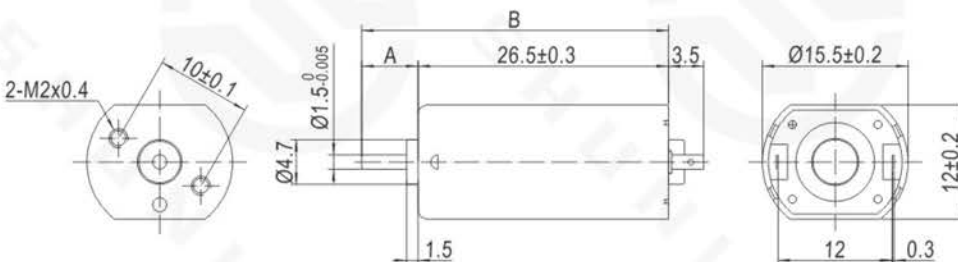
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-030PA	11155	2.0~4.0	3 VDC	7200	45	5500	170	0.49/5	0.28	590	2.06/21
	1592	2.0~4.0	3.5 VDC	14300	90	12500	300	0.49/5	0.64	2000	3.92/40
FF-030PK	05440	3.5~12.0	12 VDC	11000	20	7800	65	0.49/5	0.4	180	1.67/17

DC MOTOR

Model:FF/FK-050PH/TS



电机特性 Features

- Permanent Magnet
- Precious Metal Brush/Carbon Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Electric Shaver
- CD/DVD-ROM Drive
- CD/DVD Player
- Toy

客户定制 Customization

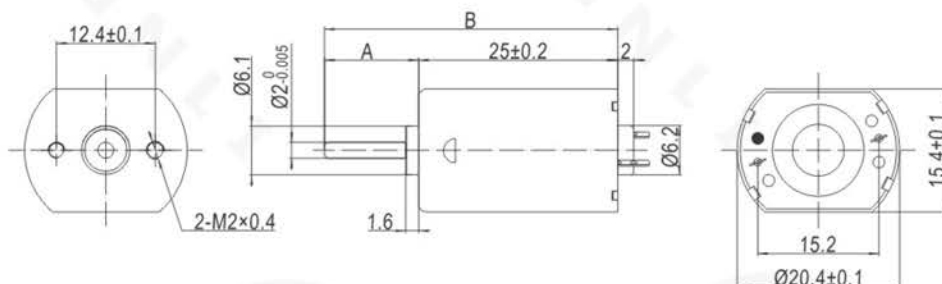
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

直流电机技术参数 PMDC MOTOR Technical Data											
单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-050PH	12140	2.0~9.0	7 VDC	12500	60	9800	300	1.18/12	1.2	1100	5.29/54
	11170	2.0~9.0	7 VDC	10500	40	9300	120	0.49/5	0.48	0.8	4.51/46
FK-050PH	05430	3.5~24.0	24 VDC	13800	30	9200	140	1.1/11.2	1.06	230	3.33/34
FK-050PK	2434	2.0~4.2	3.7 VDC	16800	370	16300	600	0.49/5	0.84	7450	17.6/180

DC MOTOR

Model: FF/FK-130H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Air Conditioning Damper Actuator
- Electric Shaver
- RC Model/Toy
- Tooth Brush

客户定制 Customization

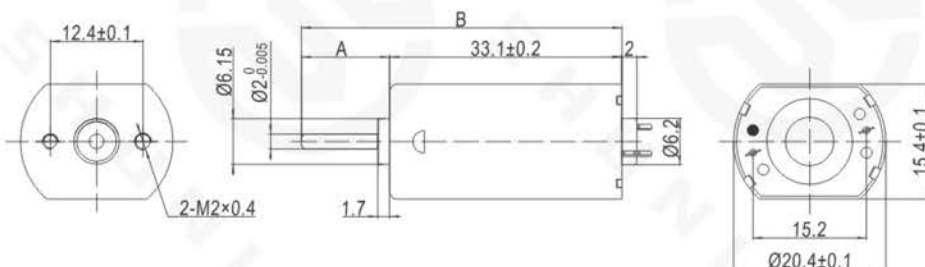
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- Technical Data

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-130PA	16155	2.0~3.0	2.3 VDC	4000	70	2500	300	1.32/13.5	13.8	760	3.92/40
	17145	3.0~6.0	6 VDC	11500	100	10000	390	1.27/13	1.33	2300	10/102
FF-130SH	2356	1.5~3.0	3 VDC	12800	270	10337	1130	1.9/19.4	2.08	4750	10/102
FK-130PH	07555	6.0~9.0	7.19 VDC	2700	20	1999	50	0.8/8.16	0.17	150	3/30.6

DC MOTOR

Model: FF/FK-180H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Mini Printer
- Electric Shaver
- RC Model/Toy
- Tooth Brush

客户定制 Customization

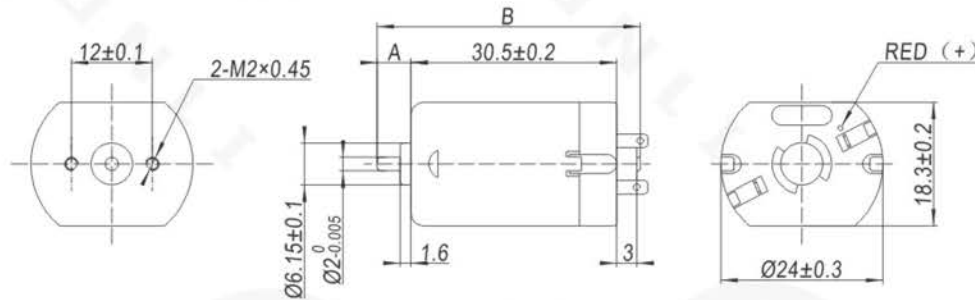
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- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FF-180PA	3036	1.0~2.0	1.2 VDC	5600	220	4100	1100	1.86/19	0.8	3000	6.7/7
	2950	2.0~3.0	2.4 VDC	8000	160	7400	490	0.98/10	0.76	4500	1.18/120
FK-180SH	17157	3.0~9.0	6 VDC	7500	70	6289	360	2.3/23.5	1.49	1890	14/143
FK-180PH	3334	3.0~7.5	7 VDC	33000	650	28062	3700	6.2/63.2	18.11	2100	41.2/420

DC MOTOR

Model:FK-280SA



电机特性 Features

- Plastic End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Retractable Rearview Mirror
- Door Lock Actuator
- Hair Remover
- Vending Machine

客户定制 Customization

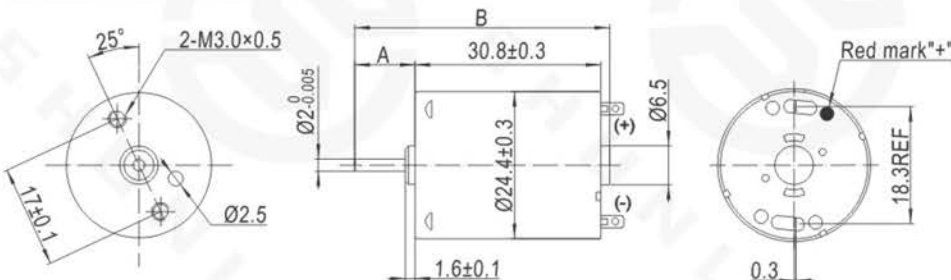
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- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
FK-280SA	4525	1.0~2.0	1.2 VDC	8670	730	6560	2240	1.74/17.7	1.3	8430	9.61/98
	16245	6.0~12.0	12 VDC	7300	60	6027	290	3.4/34.6	2.15	1350	19.5/198

DC MOTOR

Model:RF/RC-370H



电机特性 Features

- Metal End Cap/Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Air Condition Damper Actuator
- Blood Pressure Meter
- RC Model
- Styling Brush

客户定制 Customization

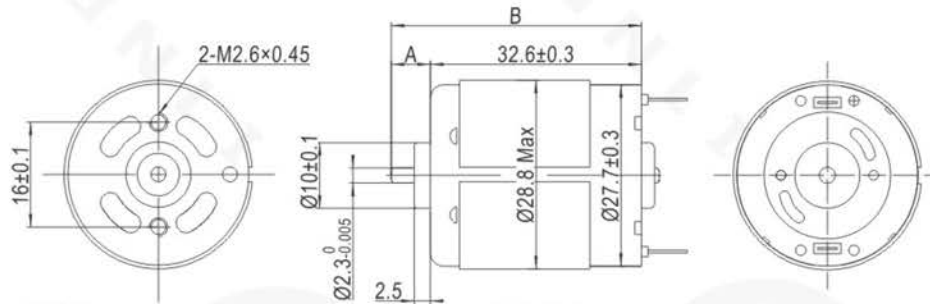
- Length A, B
- Technical Data
- Varistor for Option

直流电机技术参数 PMDC MOTOR Technical Data

直流电机技术参数 PMDC MOTOR Technical Data											
单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	mA	RPM	mA	mN.m/gf.cm	W	mA	mN.m/gf.cm
RF-370CA	061700	6.0~24.0	24 VDC	1320	3	1000	8	0.98/10	0.1	260	4.02/41
RC-370CH	20123	3.0~6.0	6 VDC	8000	70	6878	420	2.4/24.5	1.71	2550	17/173
RC-370SH	4730	3.0~5.0	4.5 VDC	17500	550	15199	3630	7.2/73.4	11.51	24000	55/561
	18139	6.0~12.0	12 VDC	10000	130	8439	700	5.8/59.2	5.17	3800	37.5/382.5

DC MOTOR

Model: RS-360/365A/H



电机特性 Features

- Plastic EndCap/Metal End Cap
- Sintered Bronze Bearing/Ball Bearing
- Precious Metal Brush/Carbon Brush
- 3 Slots/5 Slots Armature

电机应用 Applications

- Stick Massager
- Air Freshener
- Foot/Bath/Hair Dryer
- Copy Machine/Printer

客户定制 Customization

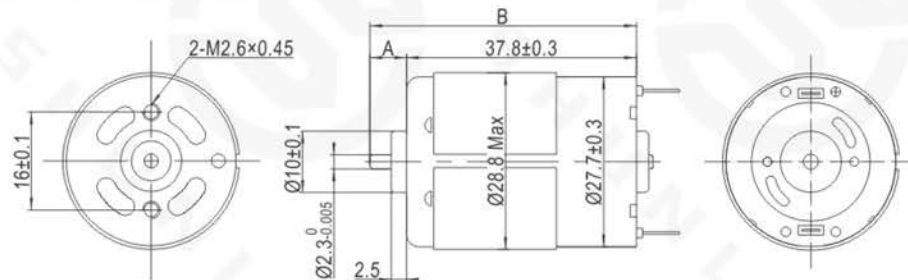
- Length A, B
- Technical Data
- Flux Ring
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
FF-360SH	16235	6.0~12.0	12 VDC	7300	0.15	5704	0.54	6.2/63.24	3.71	1.92	28.4/290
	2585	3.0~6.0	6 VDC	10500	0.26	8752	1.3	5.16/52.6	4.73	6.5	30.9/316
FF-365SH	9270	6.0~12.0	12 VDC	10300	0.058	8728	0.24	4.02/41	3.71	1.47	27.9/285
	11210	6.0~24.0	24 VDC	8000	0.05	6389	0.2	4.74/4.83	3.17	0.79	23.5/240

DC MOTOR

Model: RS-380/385A/H



电机特性 Features

- Plastic EndCap/Metal End Cap
- Sintered Bronze Bearing/Ball Bearing
- Precious Metal Brush/Carbon Brush
- 3 Slots/5 Slots Armature

电机应用 Applications

- Stick Massager
- Air Freshener
- Foot/Bath/Hair Dryer
- Copy Machine/Printer

客户定制 Customization

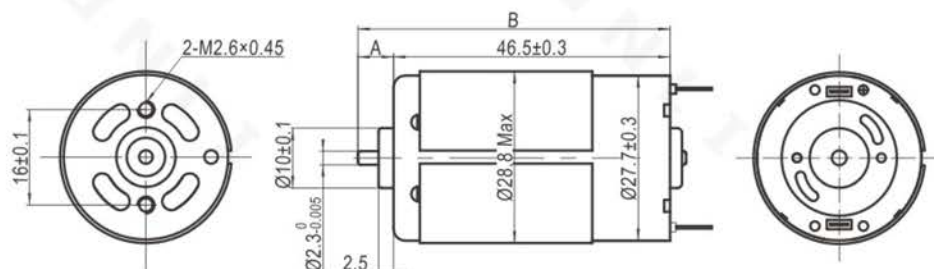
- Length A, B
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- Flux Ring
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-380SH	4052	3.0~6.0	4.8 VDC	7800	0.32	6710	1.95	9.9/101	6.98	11.9	70.6/720
	3557	6.0~12.0	12 VDC	21200	0.44	18367	2.85	11.26/114.9	21.68	18.5	84.3/860
RS-385SH	17110	6.0~24.0	24 VDC	11000	0.15	9034	0.69	10.7/109	10.12	3.16	59.8/610
	2267	6.0~12.0	12 VDC	10000	0.17	8340	0.85	7.5/76.5	6.53	4.29	45/459

DC MOTOR

Model:RS-390/395A/H



电机特性 Features

- Plastic EndCap/Metal End Cap
- Sintered Bronze Bearing/Ball Bearing
- Precious Metal Brush/Carbon Brush
- 3 Slots/5 Slots Armature

电机应用 Applications

- Stick Massager
- Air Freshener
- Foot/Bath/Hair Dryer
- Copy Machine/Printer

客户定制 Customization

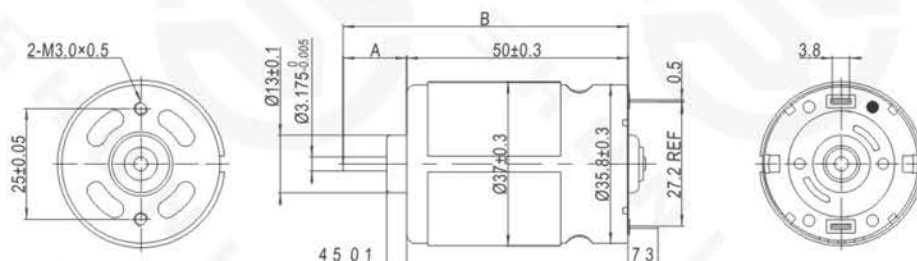
- Length A, B
- Technical Data
- Flux Ring
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-390SH	20156R	6.0~12.0	12 VDC	5000	0.08	4243	0.33	6.07/61.9	2.72	2.22	42.2/430
	2975	6.0~12.0	12 VDC	12000	0.29	10165	0.33	5.75/58.6	1.31	8.9	80.4/820
RS-395SH	15130	6.0~12.0	12 VDC	3650	0.66	2949	0.25	5.83/59.5	1.8	1.06	30.4/310
	15100R	6.0~24.0	24 VDC	10300	0.07	8893	0.38	7.09/72.3	6.68	2.66	54.9/560

DC MOTOR

Model:RS-540/545A/H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Cordless Power Tools
- Sewing Machine
- Door Opener
- Vacuum Cleaner

客户定制 Customization

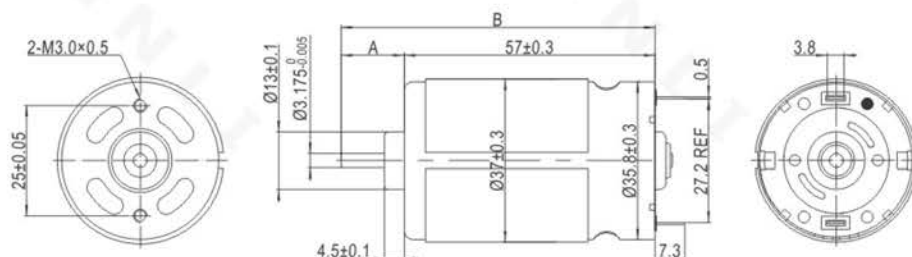
- Length A, B
- Technical Data
- Flux Ring & Cooling Fan
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Date

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-540H	4552	6.0~12.0	12 VDC	13500	0.62	11633	3.09	22.71/231.6	28.32	25.49	184.3/1880
	23198	6.0~12.0	12 VDC	3500	0.12	2898	0.58	14.87/151.7	4.51	2.79	86.5/882.3
RS-545H	3153	6.0~12.0	12 VDC	8000	0.28	6732	1.49	16.5/167.9	1161	7.9	103.9/1060
	21116	6.0~12.0	24 VDC	6600	0.12	5761	0.57	17.7/180.6	10.52	4.13	132.3/1350

DC MOTOR

Model: RS-550/555A/H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Cordless Power Tools
- Sewing Machine
- Door Opener
- Vacuum Cleaner

客户定制 Customization

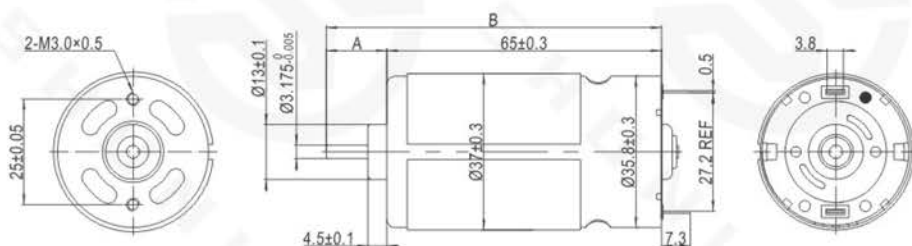
- Length A, B
- Technical Data
- Flux Rin & Cooling Fan
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage(V)	电压范围 Operating Range	标准值 Nominal	空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-550H	23128R	6.0~24.0	24 VDC	4500	0.1	3932	0.39	25.7/262	10.6	4.8	204/2080
	6034	6.0~12.0	12 VDC	16000	1.12	13613	4.96	25.6/261.3	40.36	48.89	281.4/2870
RS-555H	3540	6.0~12.0	12 VDC	7800	0.3	6708	1.84	21.9/223.4	15.35	11.31	156/1591
	23100	6.0~24.0	24 VDC	7000	0.14	6004	0.77	19.2/195.8	12.09	4.2	124.5/1270

DC MOTOR

Model: RS-570/575H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Cordless Power Tools
- Sewing Machine
- Door Opener
- Vacuum Cleaner

客户定制 Customization

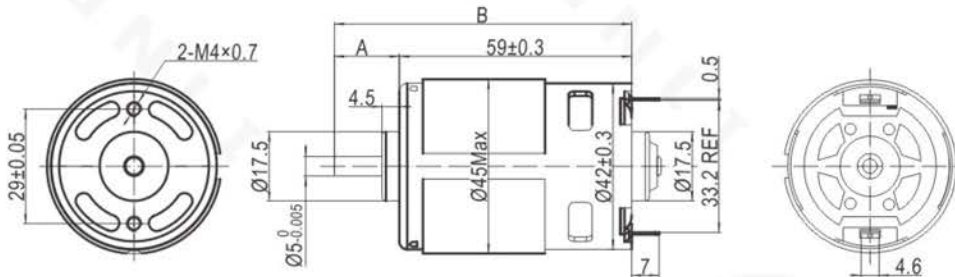
- Length A, B
- Technical Data
- Flux Ring & Cooling Fan
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model	额定电压 Rated Voltage(V)	电压范围 Operating Range	标准值 Nominal	空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
				转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-570H	35597R	6.0~12.0	12 VDC	5000	0.24	4000	1.94	3.73/380	15.6	8.3	186.3/1900
	7525R	6.0~12.0	12 VDC	16000	1.1	14366	9.67	53.8/548.8	80.9	85	526.6/5371
RS-575H	2862R	6.0~24.0	24 VDC	6600	0.18	5784	1.27	38.5/393	23.32	9	311.8/3180
	23113R	6.0~24.0	24 VDC	3650	0.07	3233	0.54	23.2/236.6	7.85	4.2	203/2070
	7523R	6.0~12.0	12 VDC	18500	1.25	16310	9.31	48.5/494.7	82.92	69.3	410/4182

DC MOTOR

Model:RS-750/755H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Mini Printer
- Electric Shaver
- RC Model/Toy
- EPB

客户定制 Customization

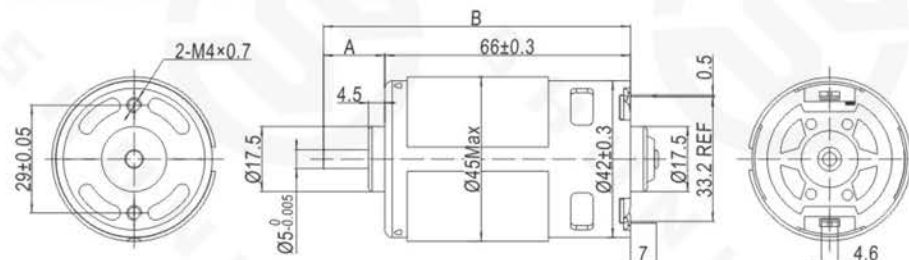
- Length A, B
- Technical Data
- Flux Ring & Cooling Fan
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-750H	7032R	6.0~12.0	12 VDC	15000	1.79	12671	7.52	48.6/496	66.6	55.6	393.1/4010
RS-755H	7512R	3.0~6.0	6 VDC	9500	2.26	8123	9.31	45.1/460	38.2	66.34	306.9/3130

DC MOTOR

Model:RS-770/775H



电机特性 Features

- Metal End Cap
- Oil-impregnated Bearing
- Precious Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

电机应用 Applications

- Mini Printer
- Electric Shaver
- RC Model/Toy
- EPB

客户定制 Customization

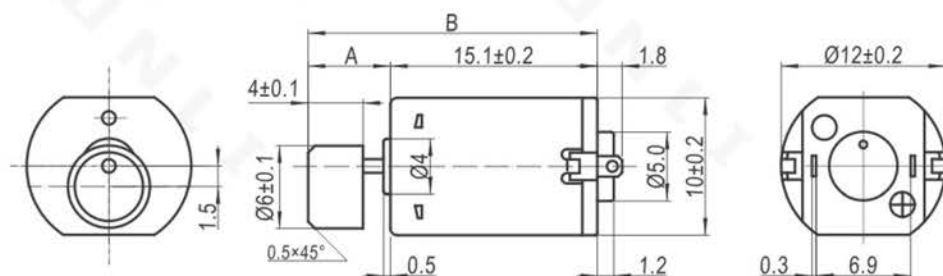
- Length A, B
- Technical Data
- Flux Ring & Cooling Fan
- EMC/EMI Suppression

直流电机技术参数 PMDC MOTOR Technical Data

单体直流电机型号 PMDCMOTOR Model		额定电压 Rated Voltage(V)		空载状态 No-Load		额定状态 Rated				堵转状态 Stall	
		电压范围 Operating Range	标准值 Nominal	转速Speed	电流Current	转速Speed	电流Current	扭力Torque	功率Power	电流Current	扭力Torque
				RPM	A	RPM	A	mN.m/gf.cm	W	A	mN.m/gf.cm
RS-770H	8532R	6.0~12.0	12 VDC	15000	2.2	13177	15.91	81/826.2	111.8	115	666.9/6802
RS-775H	25110R	6.0~24.0	24 VDC	3478	0.15	2925	0.75	44.4/452.9	13.35	4.07	245.7/2506

DC MOTOR

Model:SL-DN20



电机特性 Features

- Tungsten Alloy Eccentric Wheel
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Adult Toy
- Massager
- Beauty Apparatus

客户定制 Customization

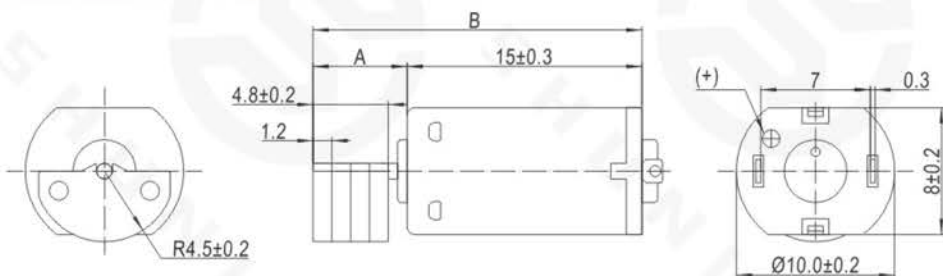
- Length A, B
- Technical Data
- Eccentric Wheel

直流电机技术参数 PMDC MOTOR Technical Data

直流电机型号 PMDCMOTOR Model		偏心轮尺寸 Eccentric size	电压 Voltage(V)			额定状态 Rated		堵转状态 Stall
			电压范围 Operating Range	标准值 Nominal	启动电压 Start Voltage	转速Speed	电流Current	电流Current
						RPM	mA	mA
SL-DN20	08250	R5.8x4.8	3.0~5.0	4 VDC	1.2 VDC	7600	110	380
	08200	R5.8x3.6	3.0~5.0	3.7 VDC	0.8 VDC	8500	130	480
	12110	R5.8x6.0	1.5~3.0	24 VDC	0.8 VDC	9100	330	1100
	10145	R5.8x2.4	1.5~4.0	3 VDC	0.6 VDC	10600	160	700

DC MOTOR

Model:SL-DM20



电机特性 Features

- Tungsten Alloy Eccentric Wheel
- Precious Metal Brush
- Stainless Steel Shaft
- Oil-impregnated Bearing

电机应用 Applications

- Adult Toy
- Massager
- Beauty Apparatus

客户定制 Customization

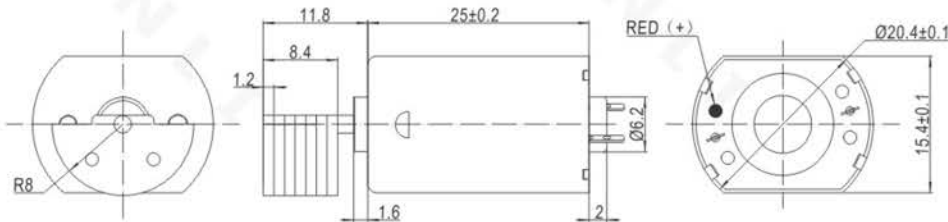
- Length A, B
- Technical Data
- Eccentric Wheel

直流电机技术参数 PMDC MOTOR Technical Data

直流电机型号 PMDCMOTOR Model		偏心轮尺寸 Eccentric size	电压 Voltage(V)			额定状态 Rated		堵转状态 Stall
			电压范围 Operating Range	标准值 Nominal	启动电压 Start Voltage	转速Speed	电流Current	电流Current
						RPM	mA	mA
SL-DM20	1265	φ 6.8 × 5.3	1.0~1.5	1.2 VDC	0.8 VDC	8300	420	740
	08155	φ 5 × 4	2.9~4.5	3.7 VDC	0.8 VDC	13500	115	460

DC MOTOR

Model:SL-D130B



电机特性 Features

- Copper Eccentric Wheel
- Precious Metal Brush
- Metal End Cap
- Carbon Steel Shaft

电机应用 Applications

- Adult Toy
- Massager
- Cell Phone
- Beauty Apparatus

客户定制 Customization

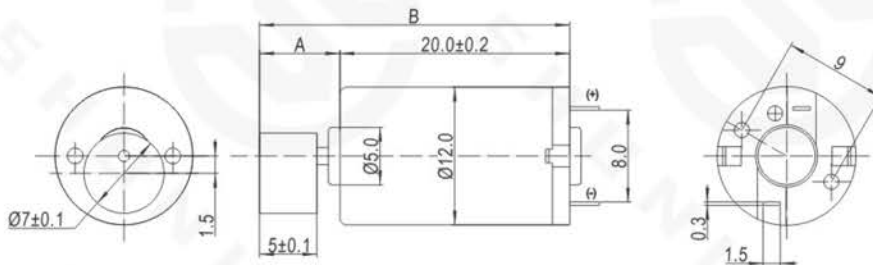
- Technical Data
- Eccentric Wheel

直流电机技术参数 PMDC MOTOR Technical Data

直流电机型号 PMDCMOTOR Model	偏心轮尺寸 Eccentric size	电压 Voltage(V)			额定状态 Rated		堵转状态 Stall
		电压范围 Operating Range	标准值 Nominal	启动电压 Start Voltage	转速Speed	电流Current	电流Current
					RPM	mA	mA
SL-D130B	18130	1.5~4.0	3 VDC	0.8 VDC	5700	280	1700
	2065	1.0~4.0	3 VDC	0.8 VDC	10500	900	3800

DC MOTOR

Model:SL-D1220



电机特性 Features

- Copper Eccentric Wheel
- Precious Metal Brush
- Stainless Steel Shaft

电机应用 Applications

- Adult Toy
- Massager

客户定制 Customization

- Length A, B
- Technical Data
- Eccentric Wheel

直流电机技术参数 PMDC MOTOR Technical Data

直流电机型号 PMDCMOTOR Model	偏心轮尺寸 Eccentric size	电压 Voltage(V)			额定状态 Rated		堵转状态 Stall
		电压范围 Operating Range	标准值 Nominal	启动电压 Start Voltage	转速Speed	电流Current	电流Current
					RPM	mA	mA
SL-D1220	1856	1.5~3.0	1.5 VDC	0.6 VDC	10800	600	4750
	06360	3.0~8.0	7.4 VDC	1.8 VDC	7500	140	150



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