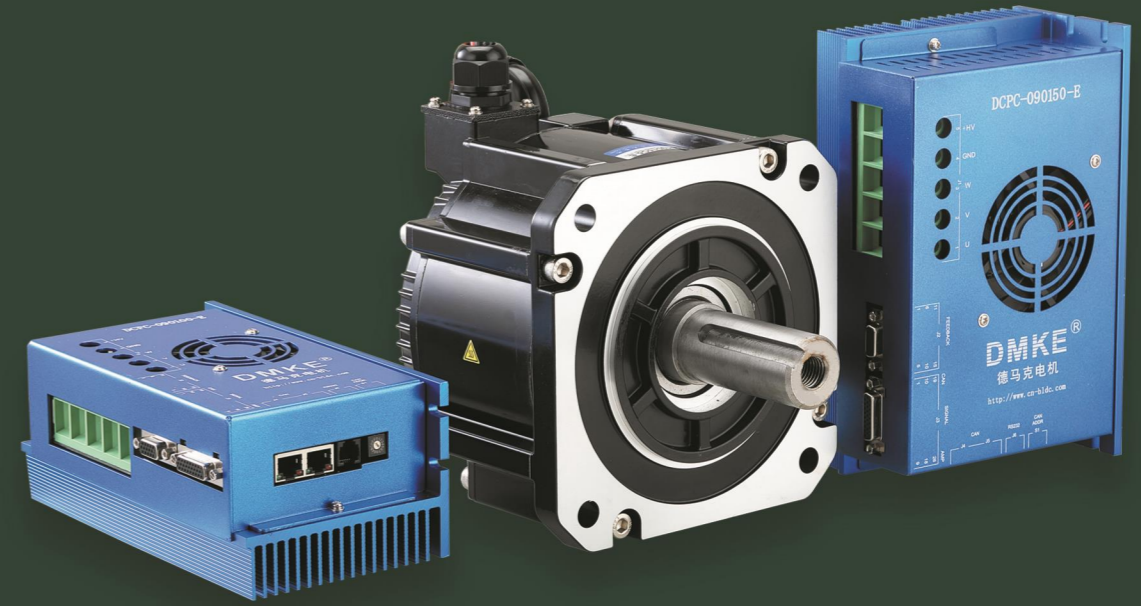


DMKE[®]
德马克电机



广州市鑫德马克电机有限公司
GUANGZHOU DMKE MOTOR CO.,LTD

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低压直流伺服电机
(20W-55KW)

DMKE[®]
德马克电机

德马克电机自2003年经营电机，一直专注于电机发展、深耕电机行业十八年DMKE电机从一个只有3人的公司，发展到至今集电机、驱动器、减速机开发生产行业内领先的动力方案提供商，德马克人一直紧贴时代发展脉搏，实时开发出符合时代发展的电机解决方案，随着工业4.0国家战略的提出、智能物流、智能仓储、新能源、新零售、物联网的高速发展，DMKE电机再次前瞻性的踏准时代节拍，DMKE直流无刷动力解决方案、直流伺服动力解决方案、特别是大功率直流伺服动力解决方案，已广泛服务于全国5000余家智能装备公司，数十家央企、国企及上市公司。

德马克人以时代发展为己任，不忘初心、坚持工匠精神，致力于打造世界一流的智能电机品牌。



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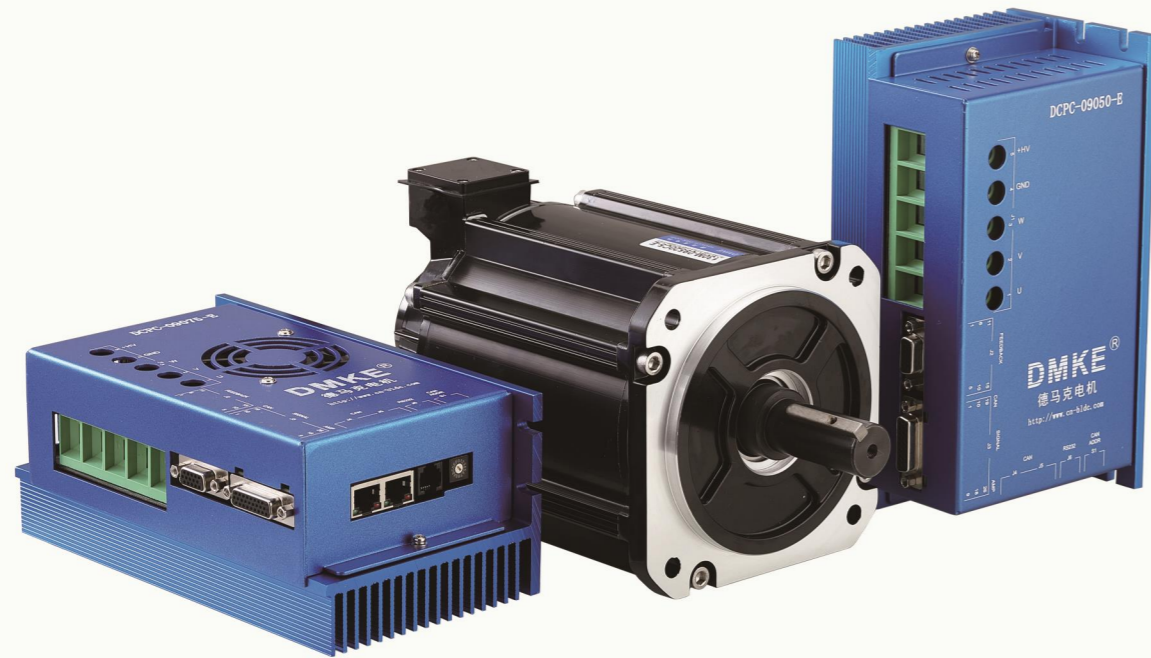
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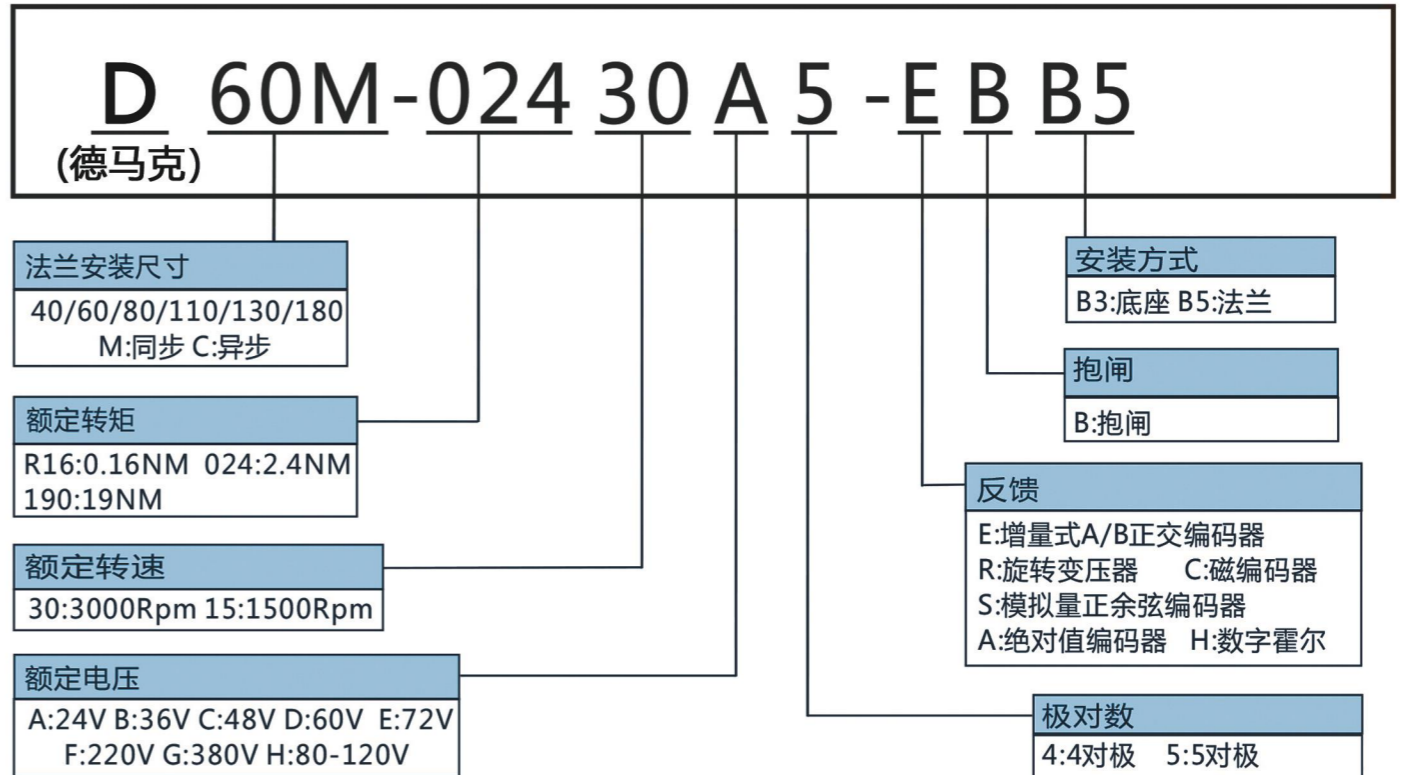
直流伺服电机

德马克直流伺服电机采用低压24-72VDC供电，功率段为20-50KW,能够很好的适应国内用电环境良莠不齐的情况，避免电压大幅波动或跌落对伺服驱动电路的冲击，有利于提升设备寿命，更加贴近国际低压伺服的使用标安全性更高。该伺服技术成熟，安装简单，稳定性好，性价比高，是众多自动化厂商降低成本的最佳选择。

应用特性

- ※ 工作电压：24-72VDC
- ※ 功率：20W-50KW的低压直流伺服电机
- ※ 额定转速：3000RPM
- ※ 定位精度：1/10000 (2500PPR)
- ※ 最高可达三倍过载
- ※ 多种系列可供选择

直流伺服电机型号说明



备注：

1、E默认E25,表示2500线增量式光电编码器；2、C默认C25,表示2500线磁编码器；3、B5默认安装方式,一般不写

电机的一般规格——基本性能 General Specification For Electric Motors— Basic Performance

项目	电动机	驱动器
绝缘电阻 (不得将电机与驱动连接状态下测试)	在常温常湿环境下连续运行后,以DC500V电阻表测试电动机线圈与外壳之间的测量值应在50MΩ以上	在常温常湿环境下连续运行后,电源端子与保护接地端子间、电源端子与输入/输出信号端之间的电阻值以DC500V电阻表测量达50MΩ以上
绝缘耐压 (不得将电机与驱动连接状态下测试)	在常温常湿环境下连续运行后,线圈、外壳间以50Hz、AC1.5kV施加1分钟无异常,泄漏电流<10mA	在常温常湿环境下连续运行后,电源端子与保护接地端子间以50Hz、AC1.5kV,电源端子与输入/输出信号端之间以50Hz、AC1.5kV施加1分钟无异常
温度上升	在常温常湿环境下连续运行后,以热电偶法测量的线圈温度上升值在55°C以下、测量外壳表面温度上升值在40°C以下①	在常温常湿环境下连续运行后,以热电偶法测量的铝质散热板温度上升值在50°C以下
使用环境	环境温度	0~+40°C (无结冰)
	环境湿度	85%以下 (无凝霜)
	海拔高度	1000m以下
	介质环境	无腐蚀性气体、尘埃;不可在含有放射性物质、磁场及真空等特殊环境中使用
保存环境②	振动	不可施加连续振动或过度冲击
	环境温度	-10 °C ~+40°C (无结冰)
	环境湿度	85%以下 (无凝霜)
海拔高度	1000m以下	
耐热等级	B级	/
保护等级	IP40&IP54	IP20

①为了使电动机外壳表面温度能保持在90°C以下,需将电动机安装在以下尺寸的散热板(材质:铝)上;30W:115X115X厚度5、60W:135X135X厚度5、120W:165X165X厚度5、200W:200X200X厚度5。(单位:mm)

②保护环境也包括运输途中的短期值

电机型号: D28M-010021B



空心杯伺服电机

德马克空心杯伺服具有体积小、转速高的特点，采用空心杯绕组，无齿槽效应，转矩波动极小，采用高性能稀土钕铁硼磁钢，功率密度极高，采用进口品牌滚珠轴承，高寿命可达 10000 小时，替代国外类似产品具有极高的性价比。

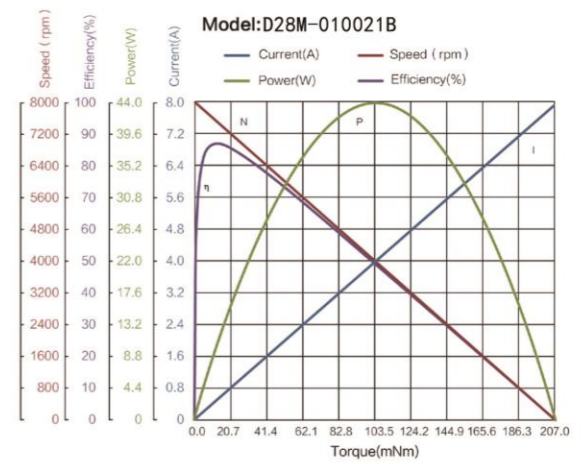
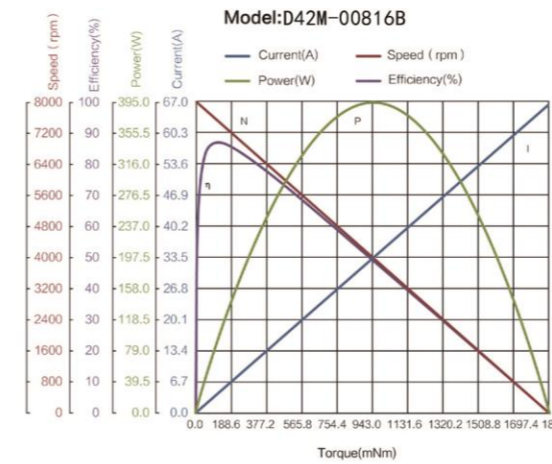
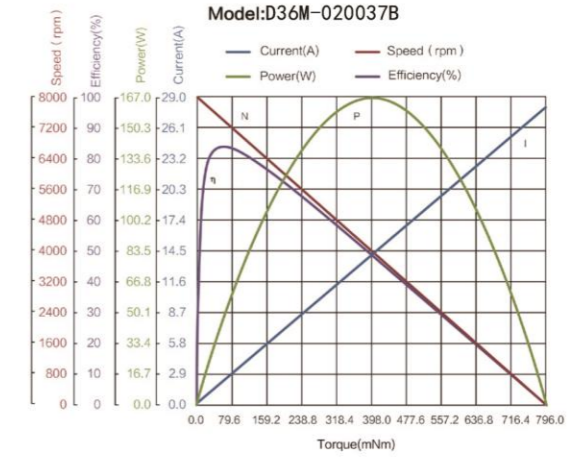
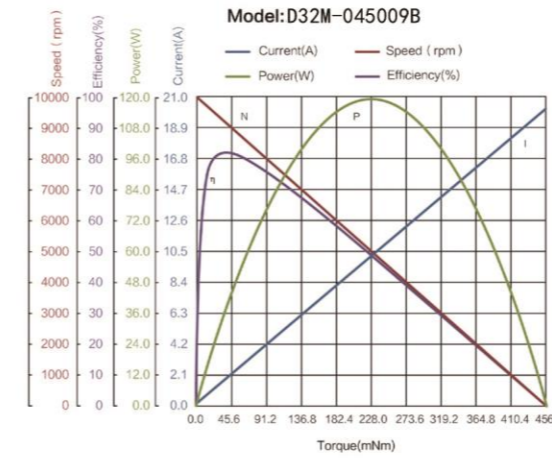
应用特性

- ※ 工作电压: 24VDC
- ※ 选装行星结构减速机, 低噪音、长寿命
- ※ 提供电压、转速、力矩、法兰、轴径等参数, 接受定制

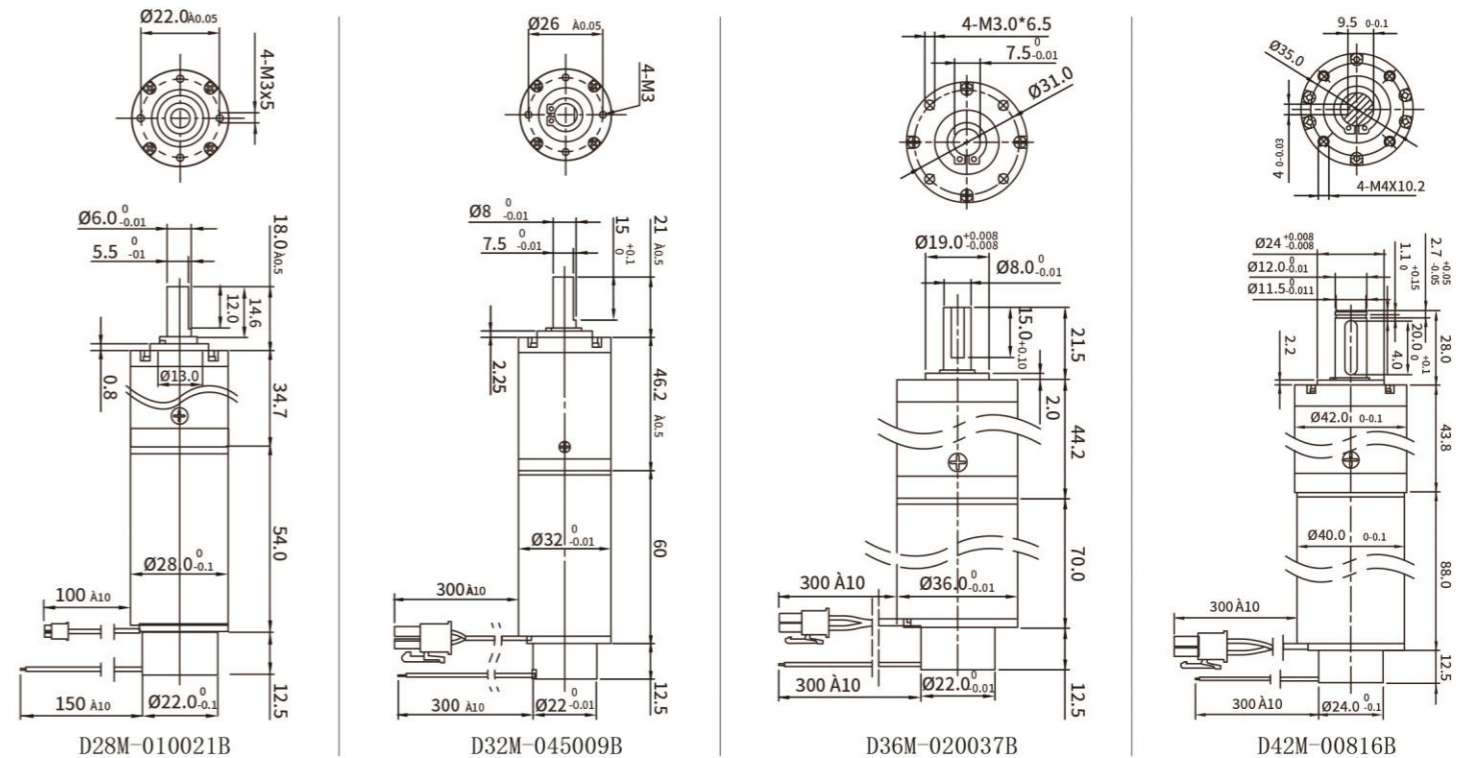
选型列表

型号	功率 (W)	电压 (V)	电流 (A)	法兰 (mm)	轴径 (mm)	转速 (rpm)	扭矩 (N.m)	编码器 (ppr)	减速机速比	机身长度 (mm)	重量 (kg)	适配驱动器
D28M-010021B	30	24	3	28	6	210	1	1024	1/29.3	101.2	0.25	IDS306
D32M-045009B	50	24	5	32	8	87	4.5	1024	1/100.6	118.7	0.4	IDS306
D36M-020037B	95	24	8	36	8	370	2	1024	1/18.6	126.7	0.6	IDS806
D42M-00816B	155	24	10	42	12	1650	0.8	1024	1/4.3	144.3	0.8	IDS806

特性曲线图



外观尺寸



电机型号: **D40M-R1630A5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



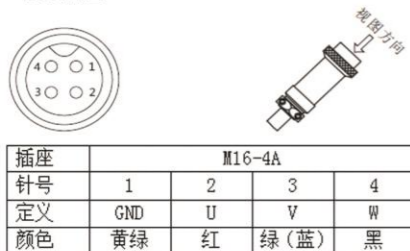
基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.05	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	5000
额定电流(A): Rated Current(A):	1±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	3±10%
额定扭矩(N.m): Rated Torque(N.m):	0.16	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	0.48
线电阻(Ω): Line Resistance(Ω):	11.7±10%(25°C)	线电感(mH): Line Inductance(mH):	9±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	10.5±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.17±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.036±10%	反馈元件: Feedback Component:	增量式 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40°C	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	0.4±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

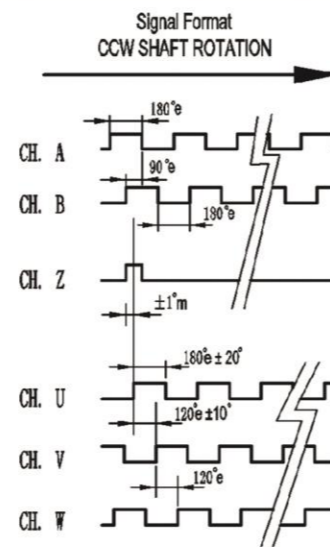
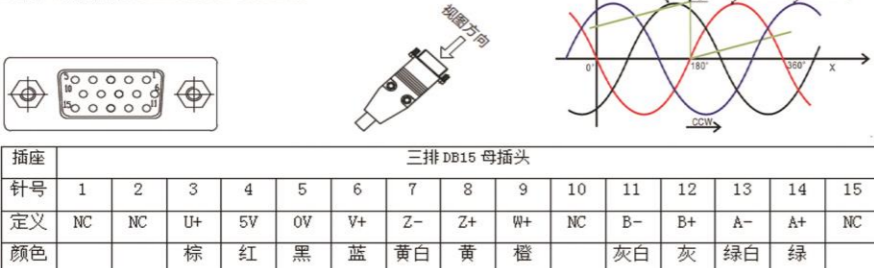
※额定转矩表示安装在200×200×6的铝制散热板上且在环境温度40°C时的连续容许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40°C with an AL heatsink of 200×200×6,the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

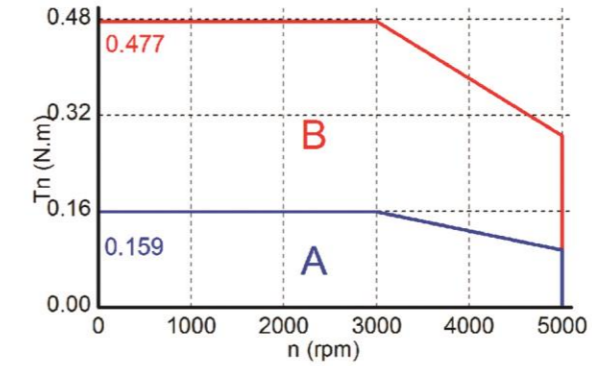
1. 动力插座/Power Line Socket



2. 编码器插座/Encoder Socket

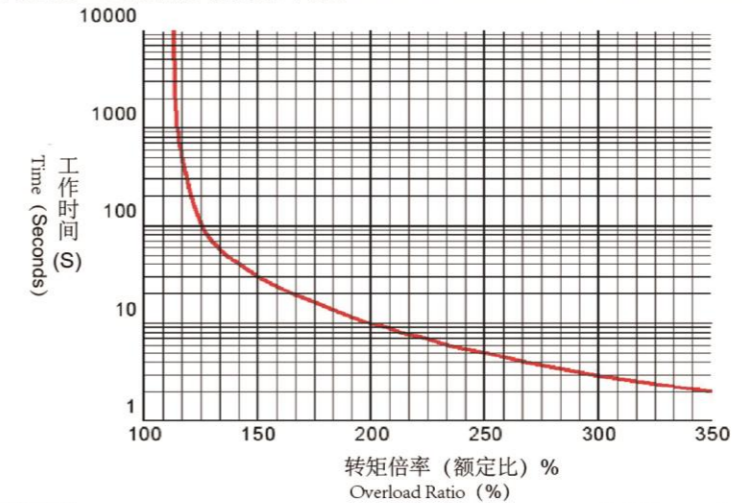


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

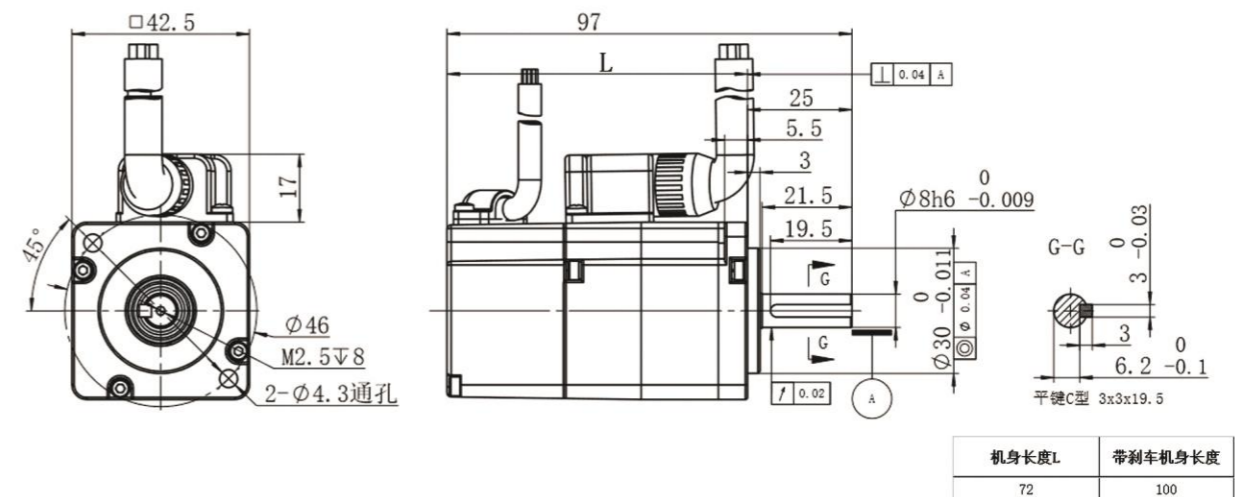
工作时间在电机环境温度40°C以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40°C:



※1:上述过载特性并不保证100%以上输出时间的连续使用/ The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D40M-R3230A5-EB**
MODEL: _____
文档编号: _____
FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.1	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class :	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3800
额定电流(A): Rated Current(A):	6±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	18±10%
额定扭矩(N.m): Rated Torque(N.m):	0.318	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	0.955
线电阻(Ω): Line Resistance(Ω):	0.47±10%(25℃)	线电感(mH): Line Inductance(mH):	0.54±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	3.1±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.05±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.06±10%	反馈元件: Feedback Component:	增量式/Incremental Encoder, 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating :	连续 Continuous	振动等级: Vibration Class :	V 15
环境温度: /Ambient Temperature :	0~+40℃	环境湿度: Ambient Humidity :	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mouting :	法兰式 Flange Method
连接方式: Drive Method :	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	0.5±10%
保护方式: Enclosure :	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction :	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在200×200×6的铝制散热板上且在环境温度40℃时的连续容许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 200×200×6,the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1.动力插座/Power Line Socket



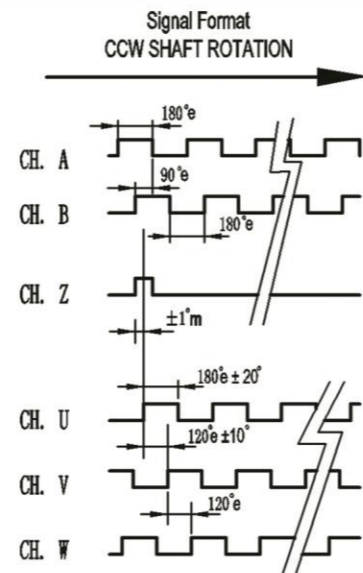
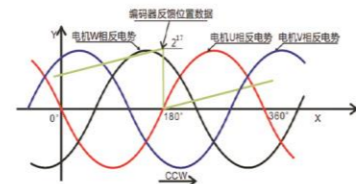
插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

插座编号	1	2
Socket Numbers	1	2
信号引线	24V	0V
Signal leads	24V	0V

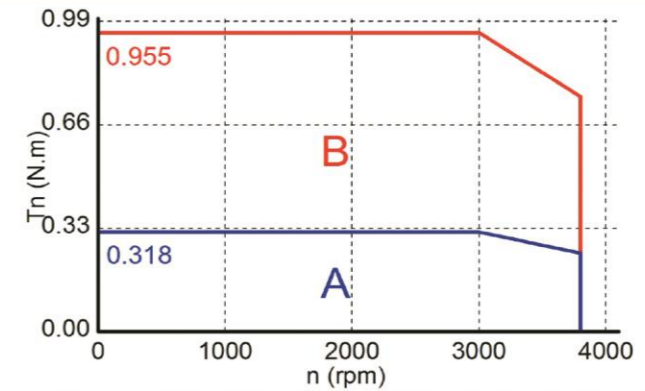
2.编码器插座/Encoder Socket



插座	三排DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

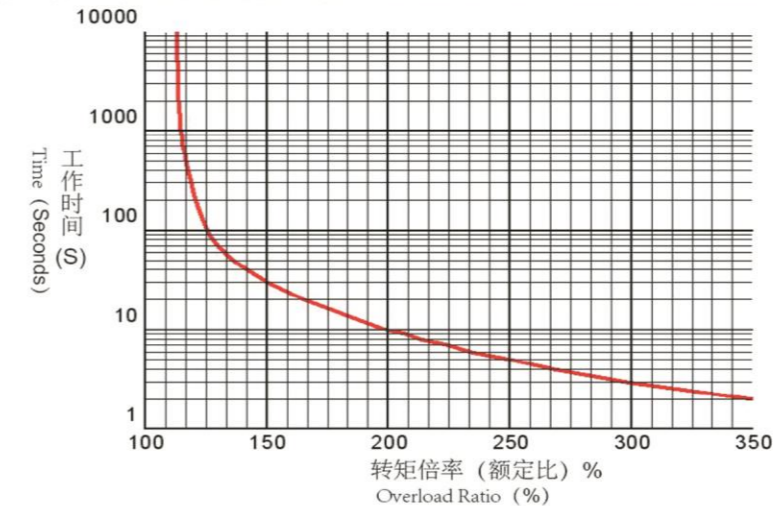


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

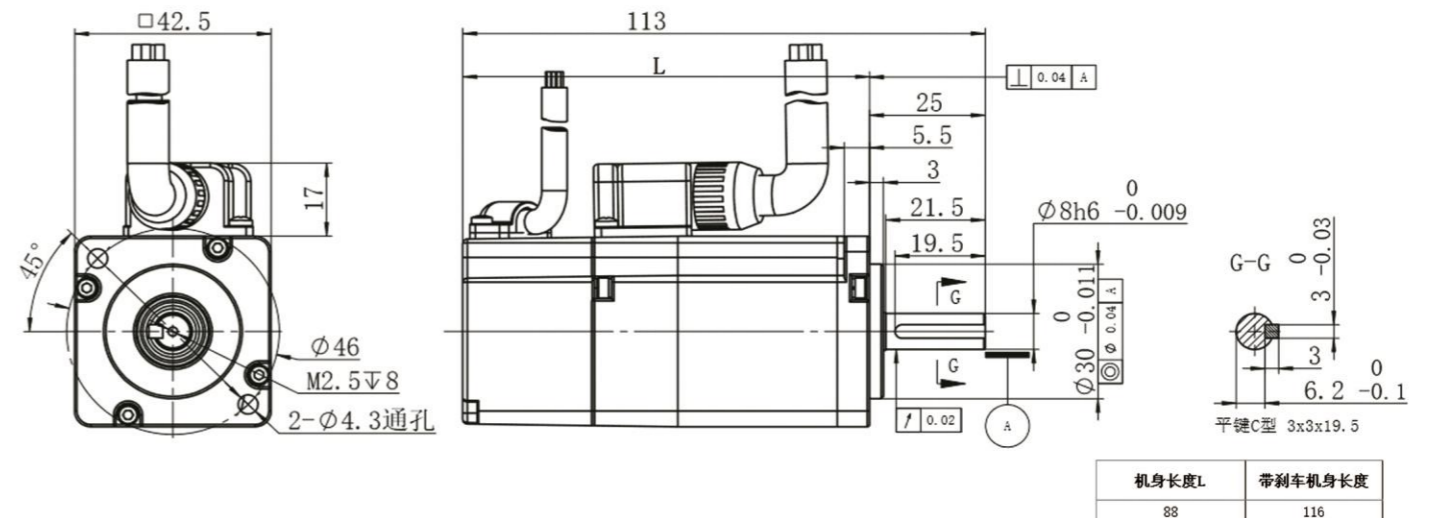
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时,请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更,我们会适时对规格书进行更新,请关注相关信息,恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D60M-R6430A5-E**
 MODEL: **D60M-R6430A5-E**
 文档编号: **D2015A06ZZ12**
 FILE NUM.: **D2015A06ZZ12**

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.2	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3500
额定电流(A): Rated Current(A):	9±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	27±10%
额定扭矩(N.m): Rated Torque(N.m):	0.637	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	1.6
线电阻(Ω): Line Resistance(Ω):	0.19±10%(25℃)	线电感(mH): Line Inductance(mH):	0.22±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	5±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.082±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.232±10%	反馈元件: Feedback Component:	增量式/Incremental Encoder, 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	0.74±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

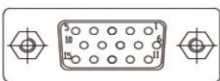
※额定转矩表示安装在200×200×6的铝制散热板上且在环境温度40℃时的连续容许转矩值。电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 200×200×6, the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

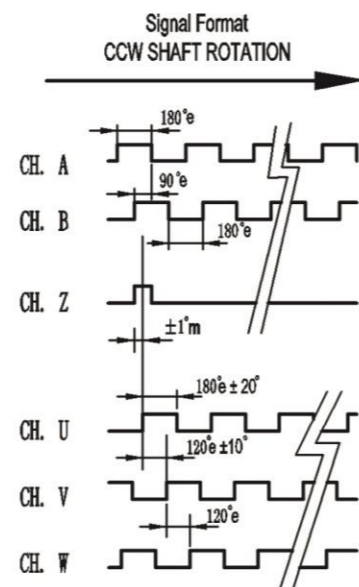
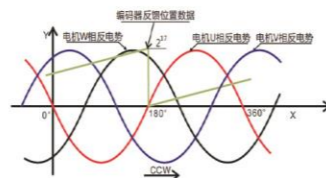
1. 动力插座/Power Line Socket

插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

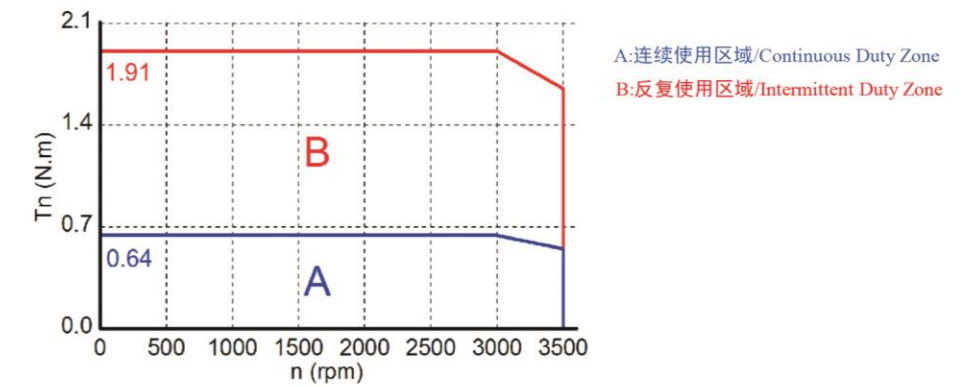
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

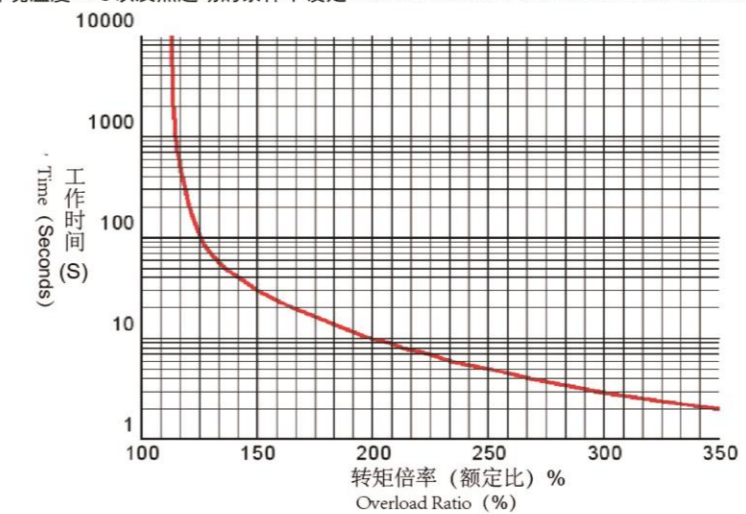


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

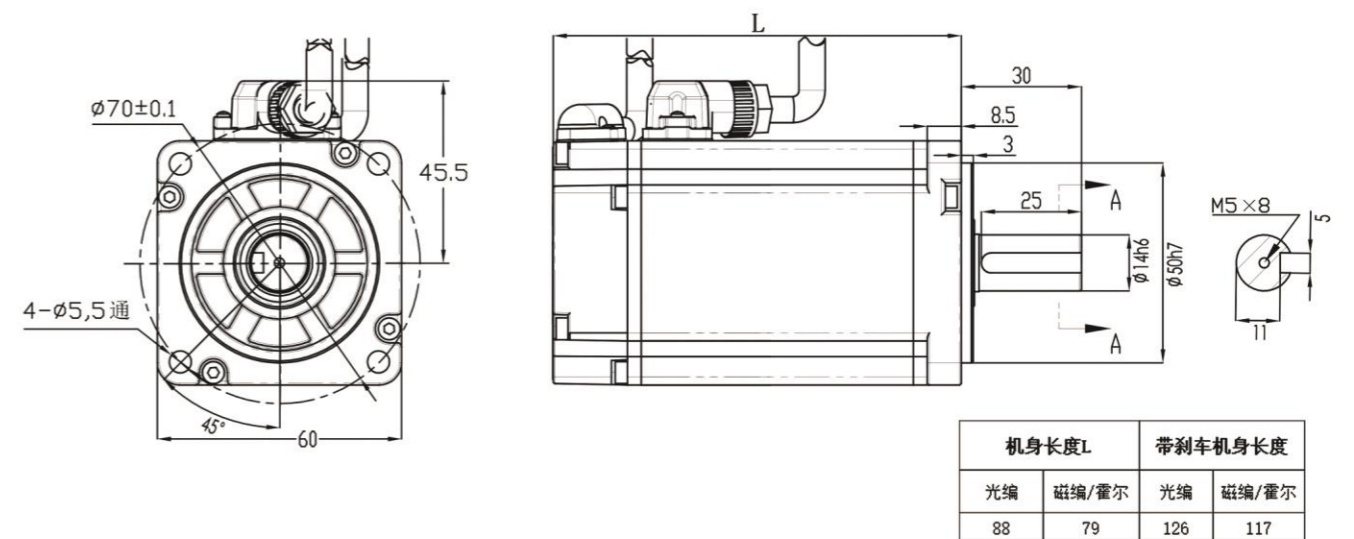
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D60M-R6430C5-E**
MODEL:
文档编号: _____
FILE NUM.: _____

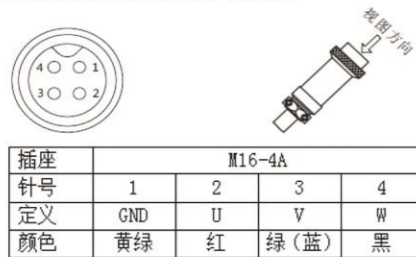
基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.2	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	5000
额定电流(A): Rated Current(A):	9 ±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	27 ±10%
额定扭矩(N.m): Rated Torque(N.m):	0.637	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	1.6
线电阻(Ω): Line Resistance(Ω):	0.19±10%(25℃)	线电感(mH): Line Inductance(mH):	0.22±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	5 ±10%	转矩系数(N.m/A): Torque Coefficient(N.m/A):	0.082±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.232±10%	反馈元件: Feedback Component:	/
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	0.74±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

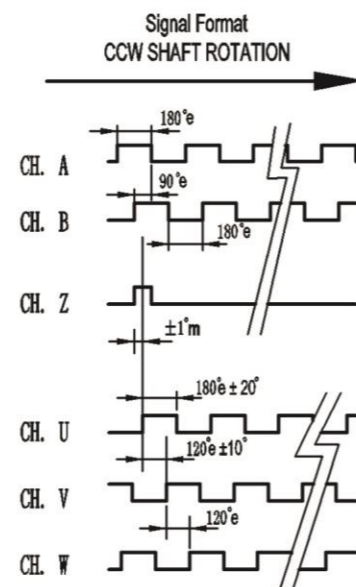
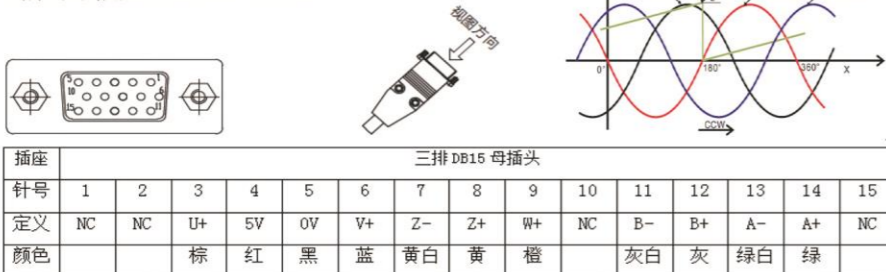
※额定转矩表示安装在200×200×6的铝制散热板上且在环境温度40℃时的连续容许转矩值。电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 200×200×6, the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

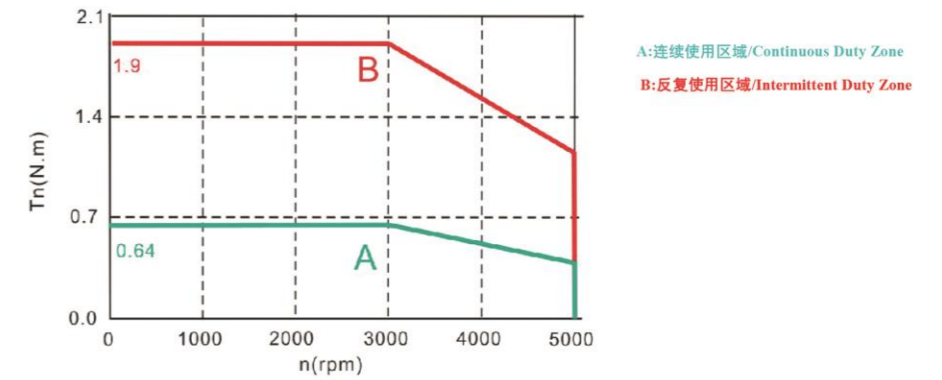
1. 动力插座/Power Line Socket



2. 编码器插座/Encoder Socket

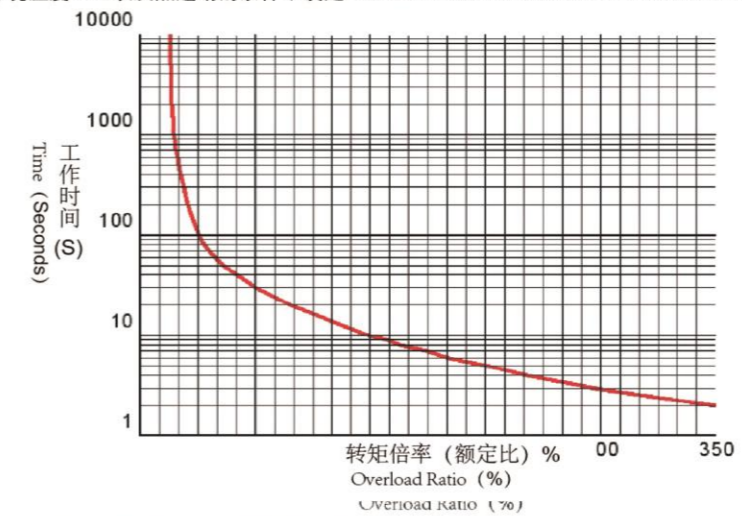


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

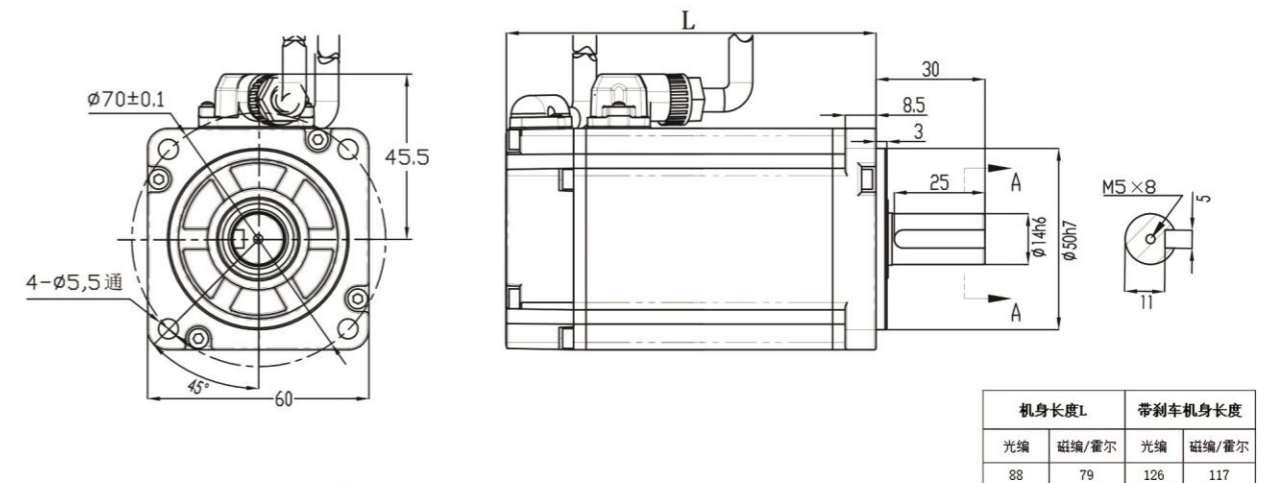
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D60M-01330A5-E**
 MODEL: **D60M-01330A5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.4	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3300
额定电流(A): Rated Current(A):	19±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	48±10%
额定扭矩(N.m): Rated Torque(N.m):	1.27	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	3.2
线电阻(Ω): Line Resistance(Ω):	0.06±10%(25℃)	线电感(mH): Line Inductance(mH):	0.11±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	4.04±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.065±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.426±10%	反馈元件: Feedback Component:	增量式/Incremental Encoder, 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mohm/500mm.

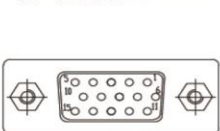
连接器/CONNECTORS

1. 动力插座/Power Line Socket

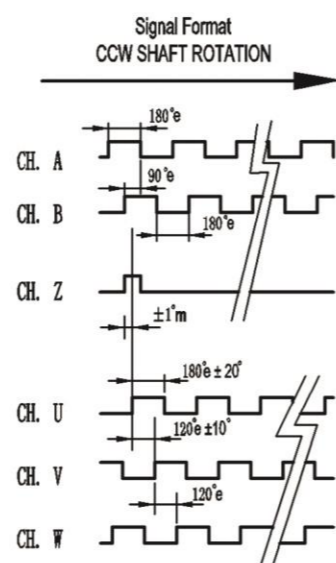
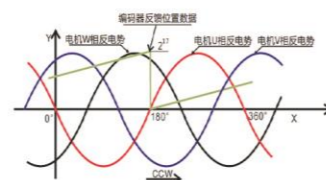


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

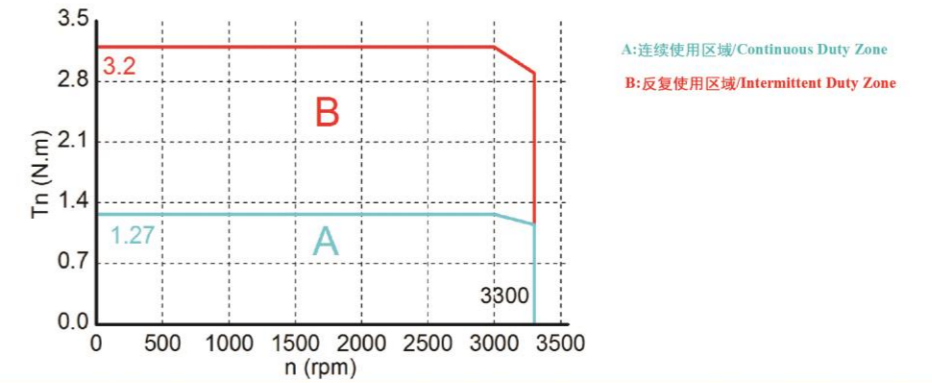
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

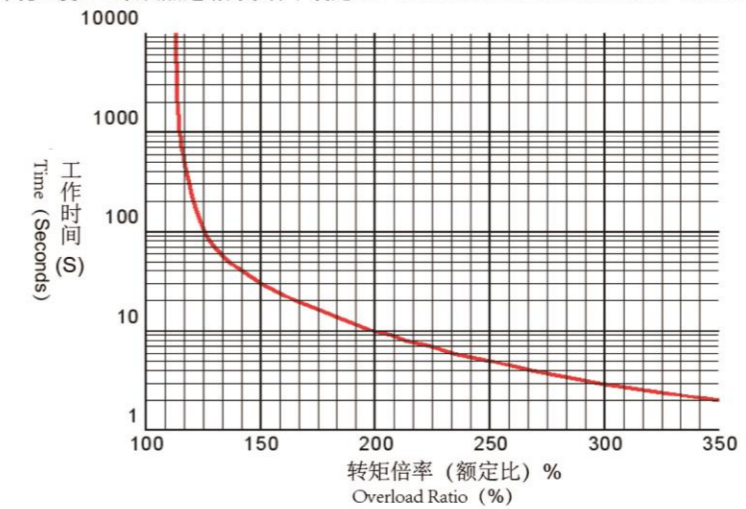


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

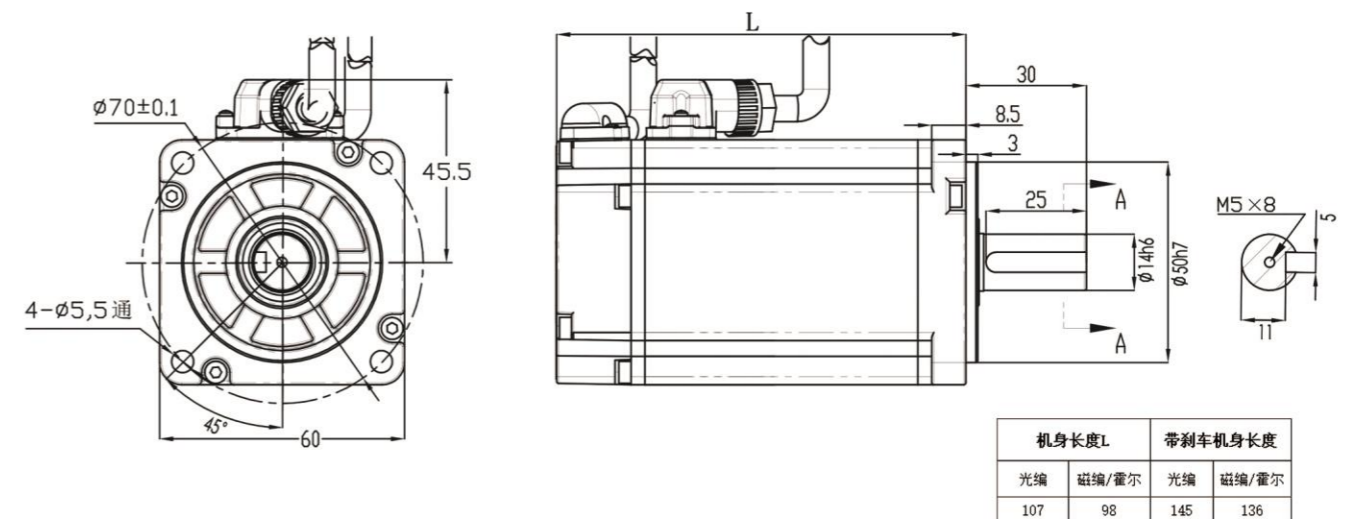
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时,请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注:由于产品改良或规格变更,我们会适时对规格书进行更新,请关注相关信息,恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D60M-01330C5-E**
 MODEL: **D60M-01330C5-E**
 文档编号: **D2014A06ZZ52**
 FILE NUM.: **D2014A06ZZ52**



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.4	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	10±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	25±10%
额定扭矩(N.m): Rated Torque(N.m):	1.27	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	3.175
线电阻(Ω): Line Resistance(Ω):	0.22±10%(25℃)	线电感(mH): Line Inductance(mH):	0.36±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	8.2±10%	转矩系数(N.m/A): Torque Coefficient(N.m/A):	0.135±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.426±10%	反馈元件: Feedback Component:	2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续允许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mohm/500mm.

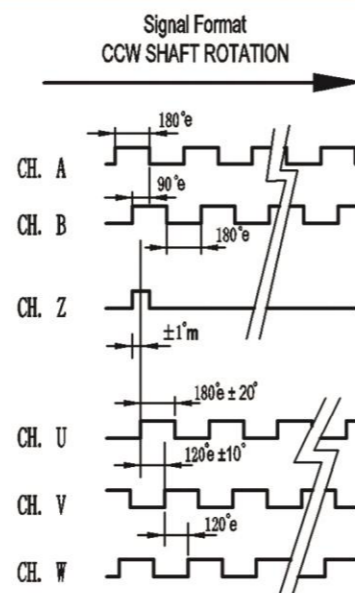
连接器/CONNECTORS

1.动力插座/Power Line Socket

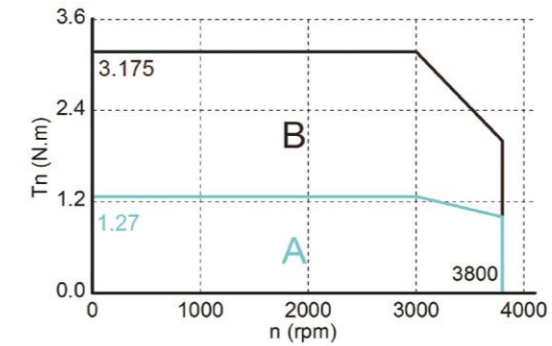
M16-4A				
插座	1	2	3	4
针号				
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

2.编码器插座/Encoder Socket

三排DB15 母插头															
插座	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
针号															
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	



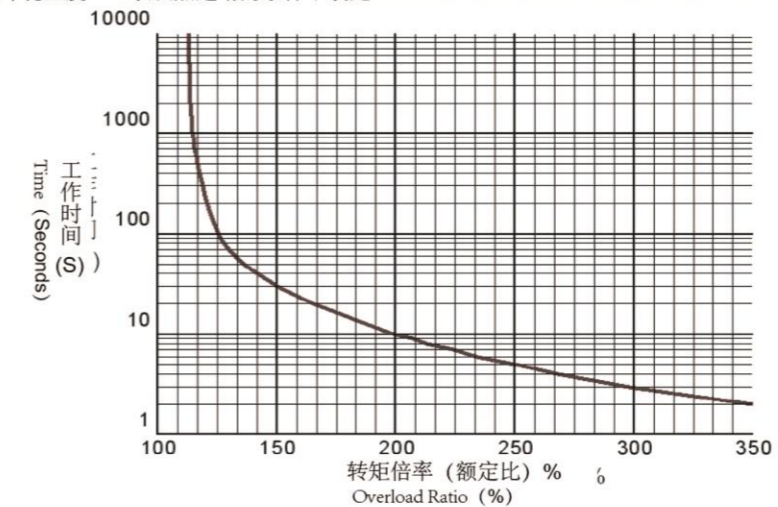
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
 B:反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

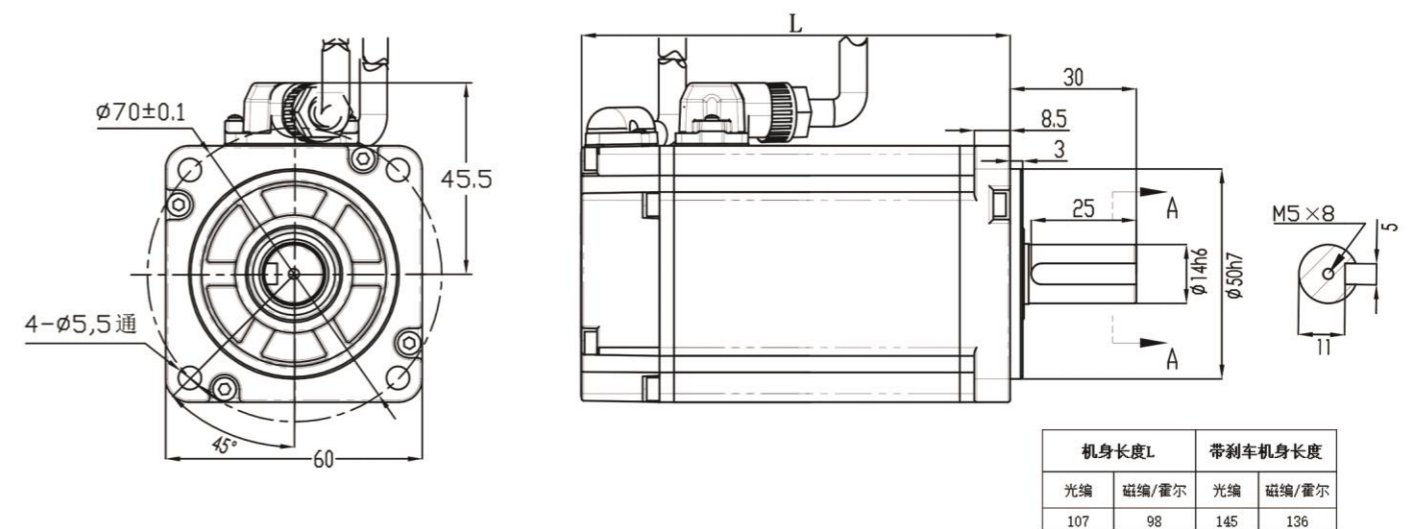
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D60M-01930A5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.6	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3300
额定电流(A): Rated Current(A):	25.5±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	55.5±10%
额定扭矩(N.m): Rated Torque(N.m):	1.91	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	5.73
线电阻(Ω): Line Resistance(Ω):	0.09±10%(25℃)	线电感(mH): Line Inductance(mH):	0.17±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	5.5 ±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.107±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.56±10%	反馈元件: Feedback Component:	增量式 2500线
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.36±10%
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值。电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6, the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

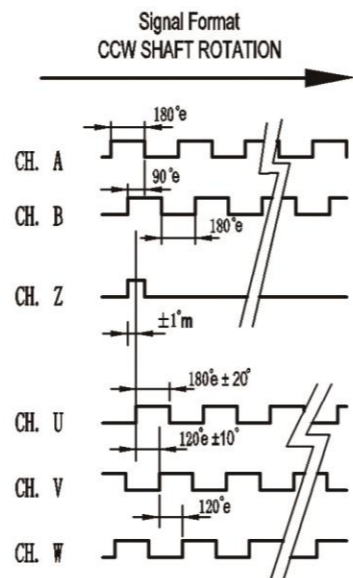
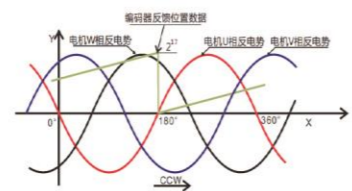


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

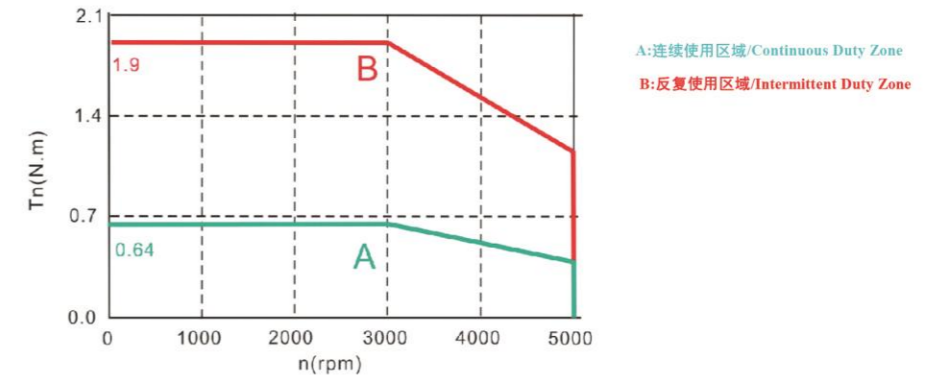
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

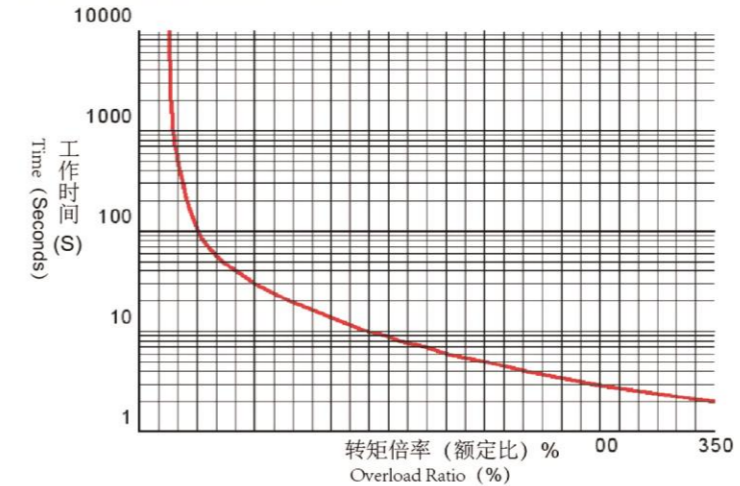


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

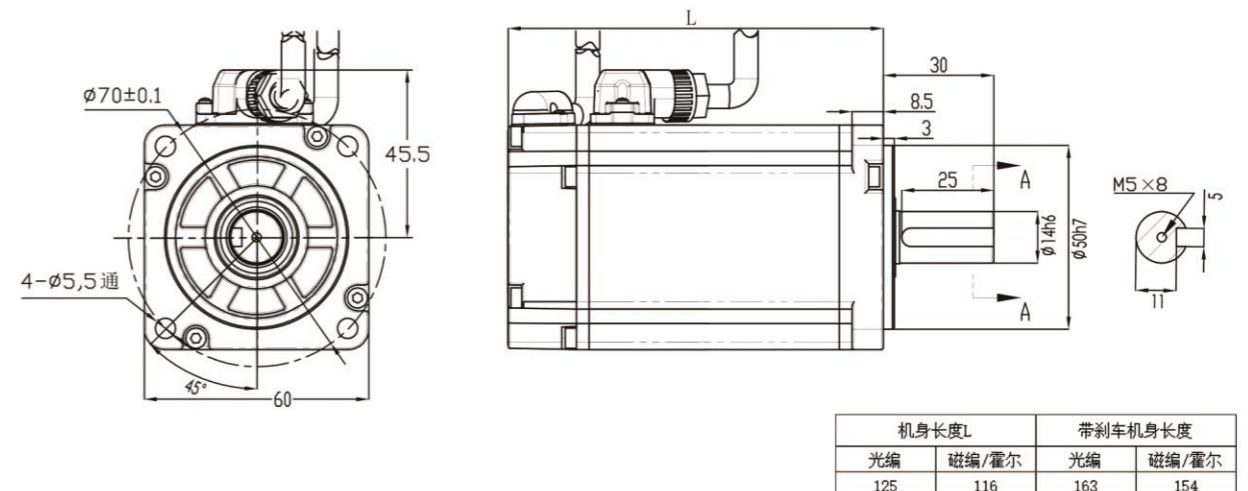
工作时间在电机环境温度40℃以及热启动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D60M-01930C5-E**
 MODEL: **D60M-01930C5-E**
 文档编号: **D2014A06ZZ52**
 FILE NUM.: **D2014A06ZZ52**



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.6	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	16±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	25±10%
额定扭矩(N.m): Rated Torque(N.m):	1.91	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	3.175
线电阻(Ω): Line Resistance(Ω):	0.22±10%(25℃)	线电感(mH): Line Inductance(mH):	0.36±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	8.2±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.135±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	0.426±10%	反馈元件: Feedback Component:	2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续允许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

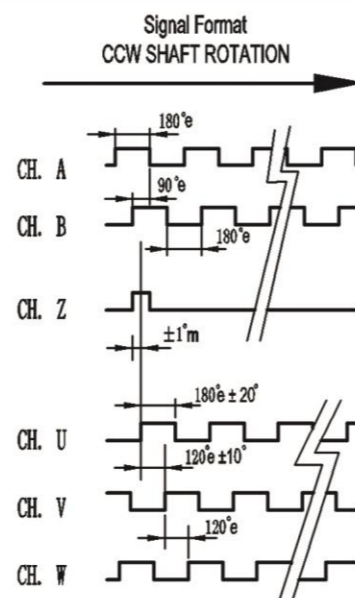
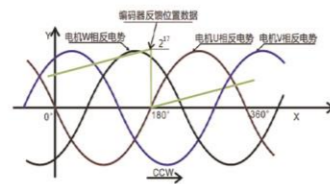


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

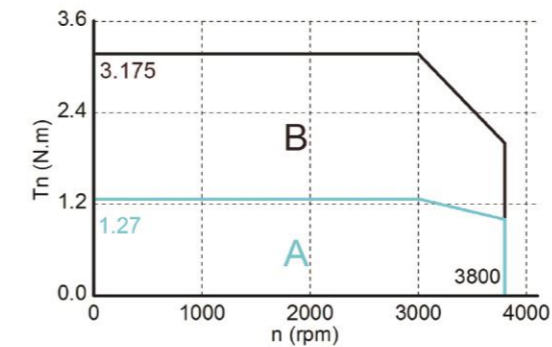
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	



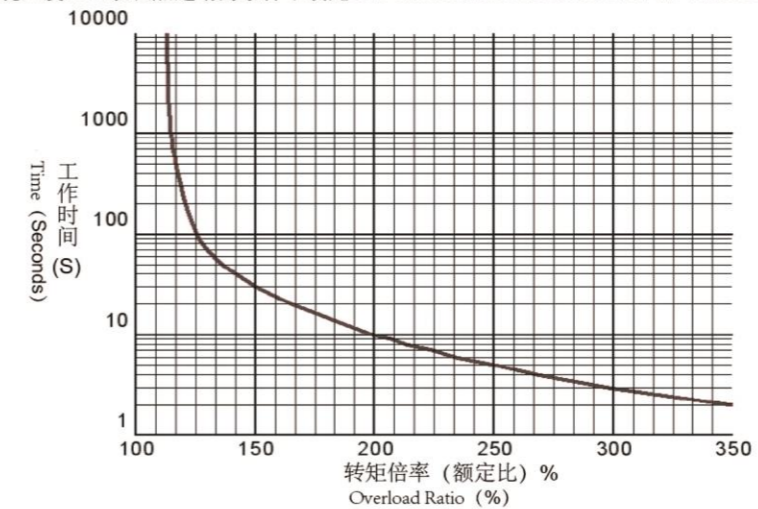
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

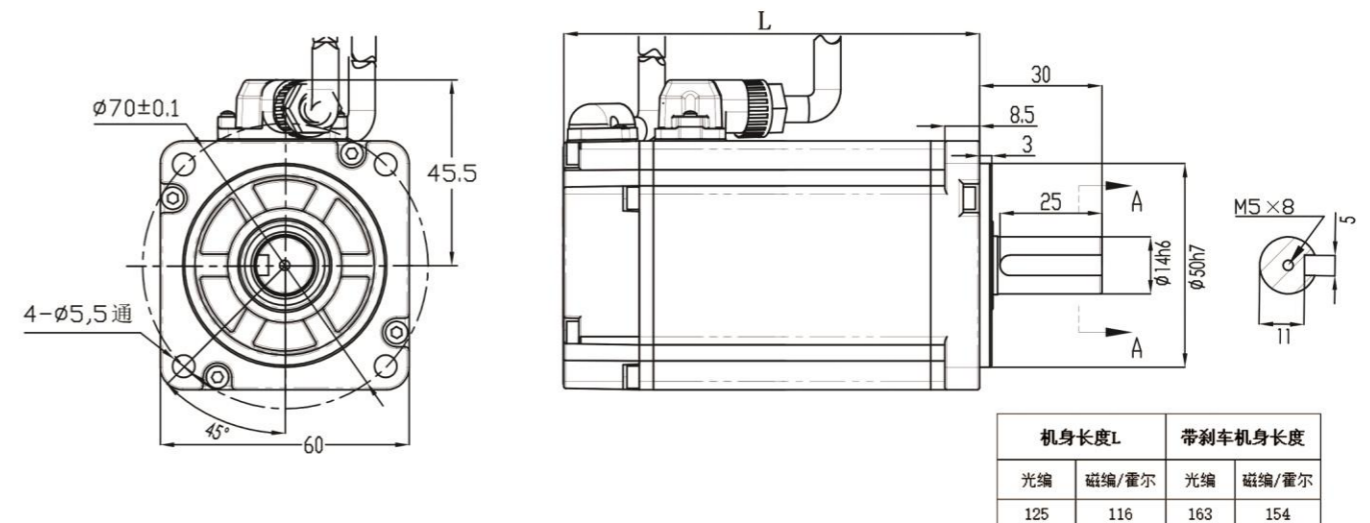
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D80M-02430A5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.75	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3500
额定电流(A): Rated Current(A):	38±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	114±10%
额定扭矩(N.m): Rated Torque(N.m):	2.4	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	7.2
线电阻(Ω): Line Resistance(Ω):	0.02±10%(25℃)	线电感(mH): Line Inductance(mH):	0.07±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	4.1±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.07±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	1.4±10%	反馈元件: Feedback Component:	增量式 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪声(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	2.4±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值。电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6, the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

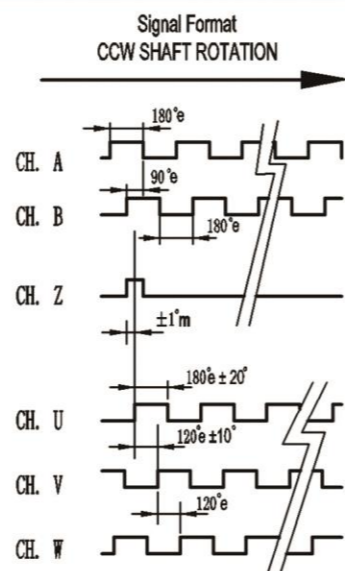


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

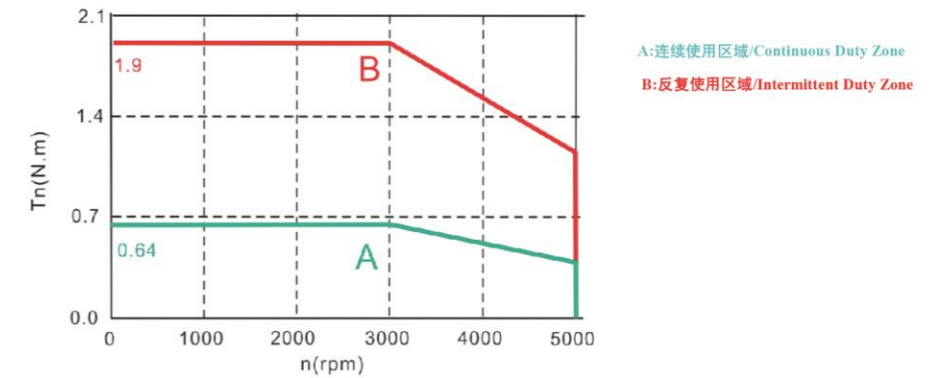
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

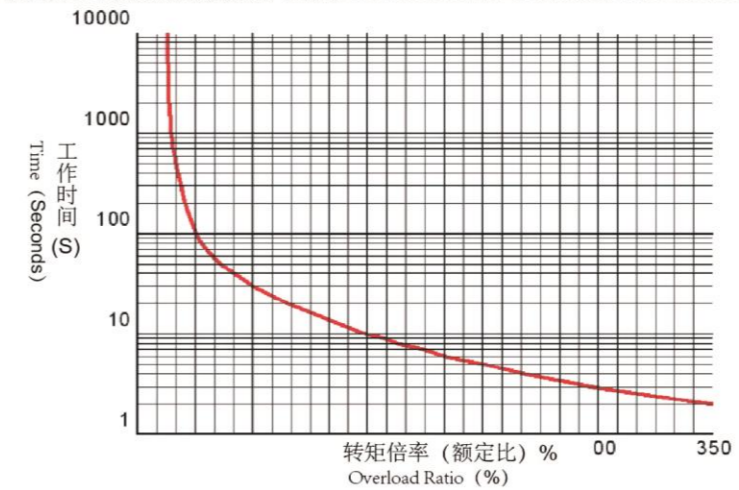


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

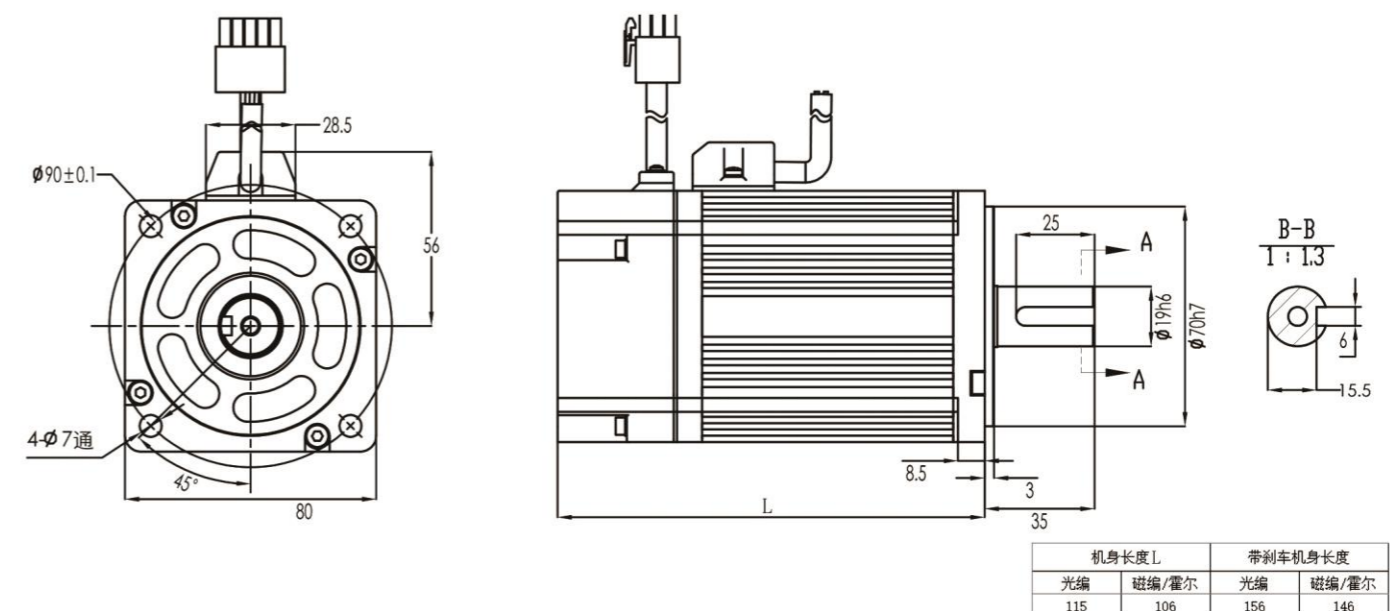
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



机身长度 L		带刹车机身长度	
光编	磁编/霍尔	光编	磁编/霍尔
115	106	156	146

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号:
MODEL: **D80M-02430C5-E**
文档编号:
FILE NUM.:



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	0.75	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3500
额定电流(A): Rated Current(A):	20±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	50
额定扭矩(N.m): Rated Torque(N.m):	2.39	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	6
线电阻(Ω): Line Resistance(Ω):	0.07±10%(25℃)	线电感(mH): Line Inductance(mH):	0.27±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	8.2±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.135±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	1.4±10%	反馈元件: Feedback Component:	增量式2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	2.4±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值,电机引线电阻40mhm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mhm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

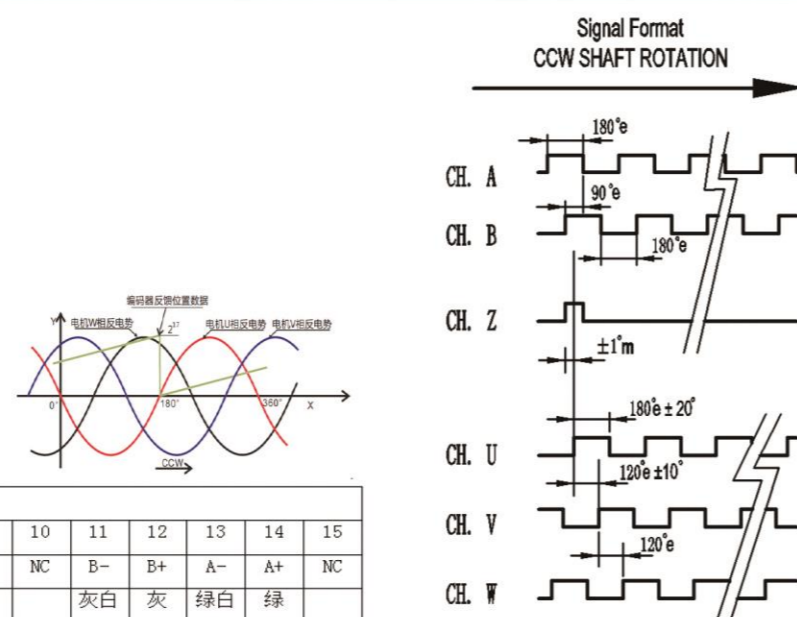


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

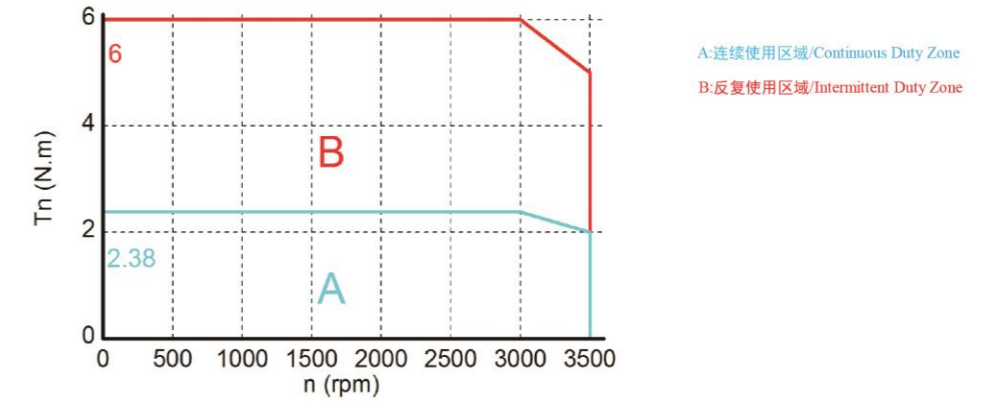
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

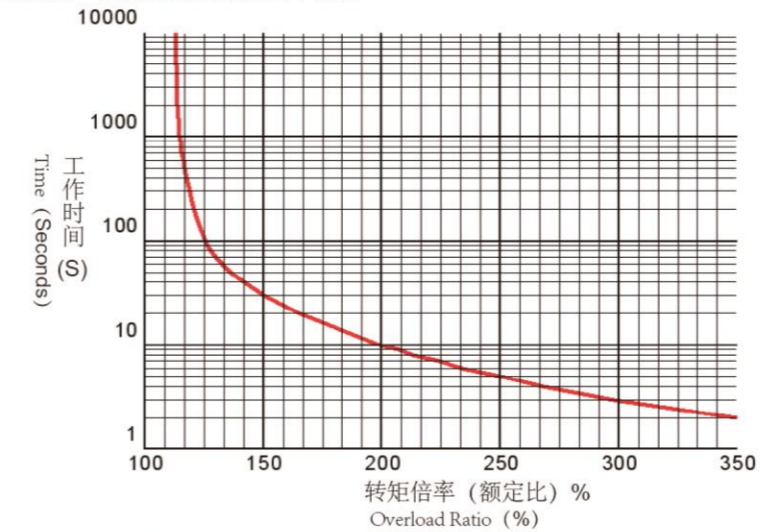


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

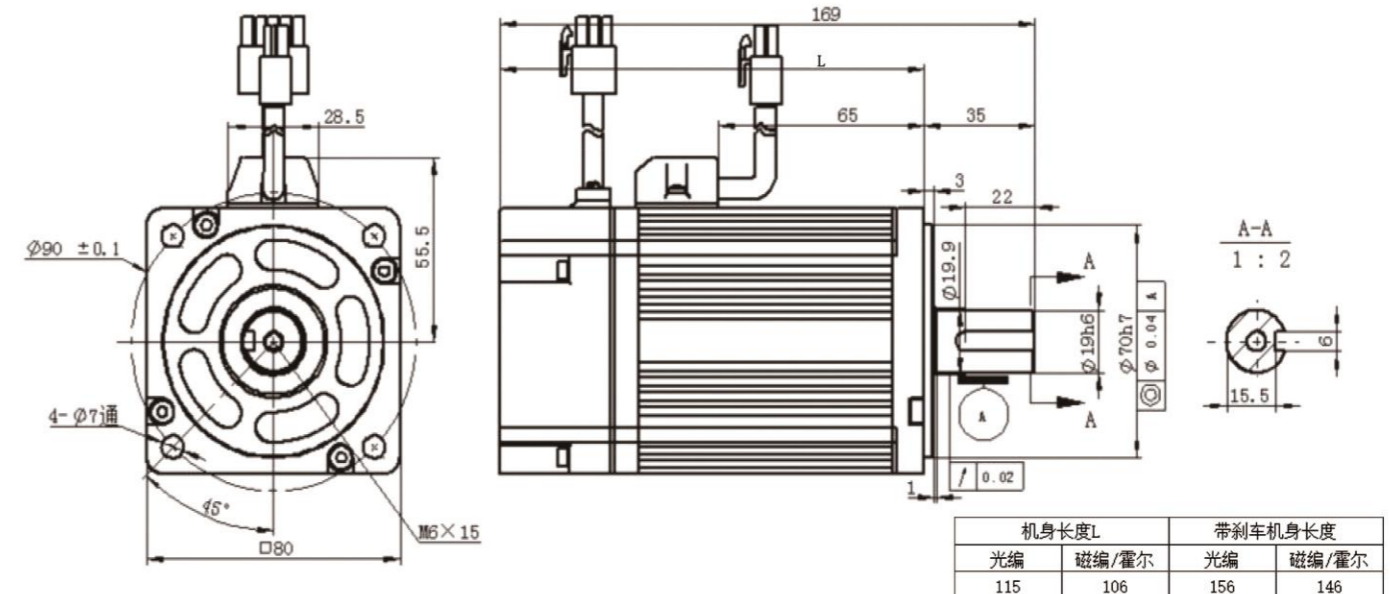
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D80M-03330C5-E**
 MODEL: **D80M-03330C5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3500
额定电流(A): Rated Current(A):	30±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	50
额定扭矩(N.m): Rated Torque(N.m):	3.3	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	6
线电阻(Ω): Line Resistance(Ω):	0.07±10%(25℃)	线电感(mH): Line Inductance(mH):	0.27±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	8.2±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.135±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	1.4±10%	反馈元件: Feedback Component:	增量式2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	2.4±10%
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6, the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

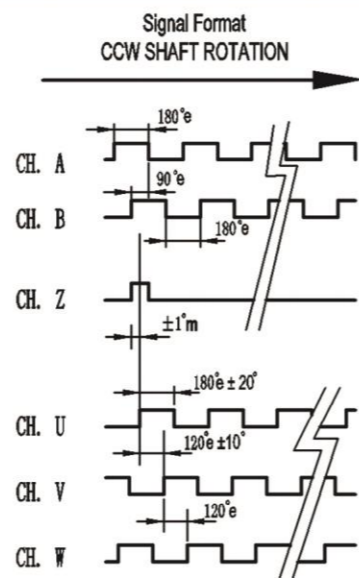
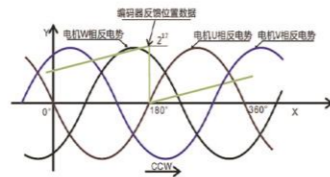


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

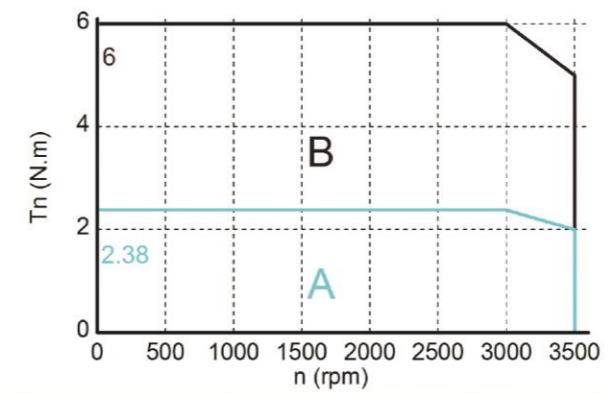
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	



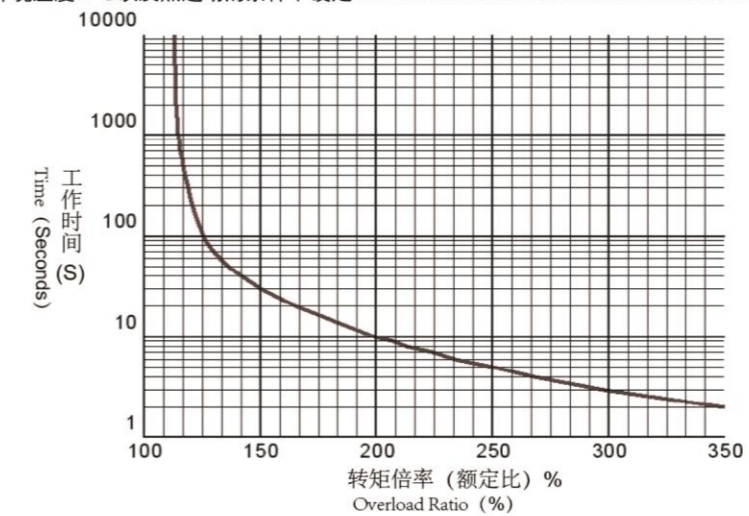
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

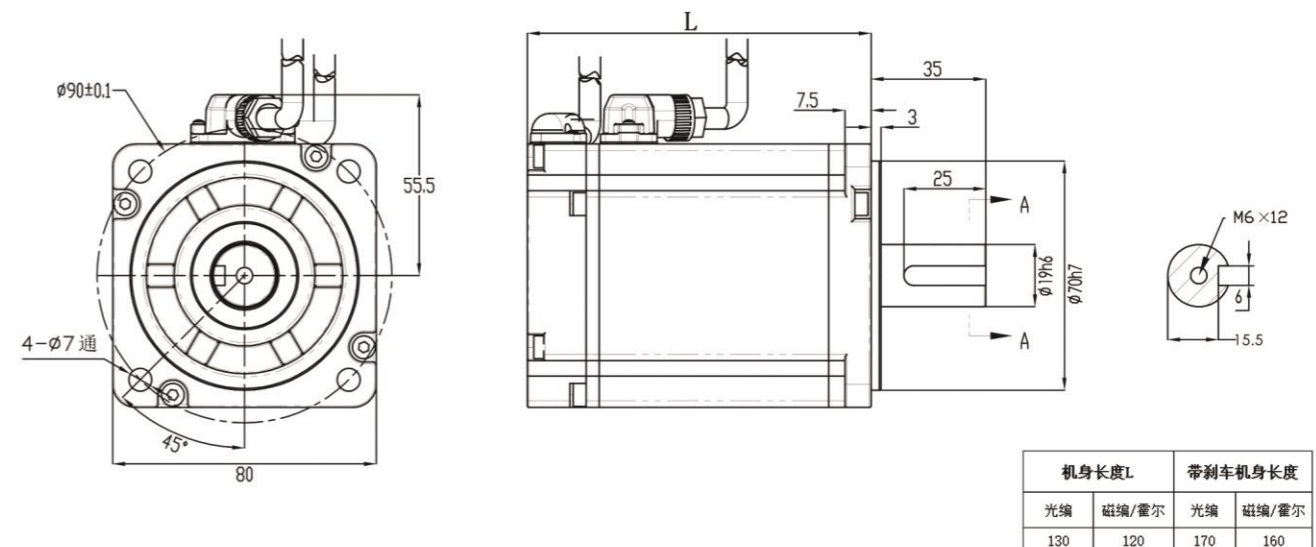
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D80M-04830C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	32.5±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	97.5±10%
额定扭矩(N.m): Rated Torque(N.m):	4.77	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	14.31
线电阻(Ω): Line Resistance(Ω):	0.041±10%(25℃)	线电感(mH): Line Inductance(mH):	0.199±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	9.5±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.157±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	1.88±10%	反馈元件: Feedback Component:	增量式2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	5.55±10%
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续允许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

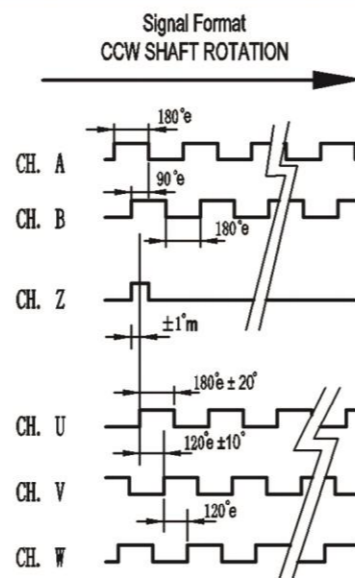
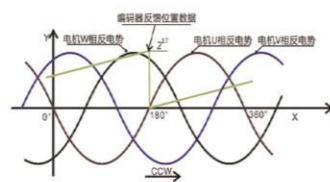


插座	M16-4A			
针号	1	2	3	4
定义	GND	U	V	W
颜色	黄绿	红	绿(蓝)	黑

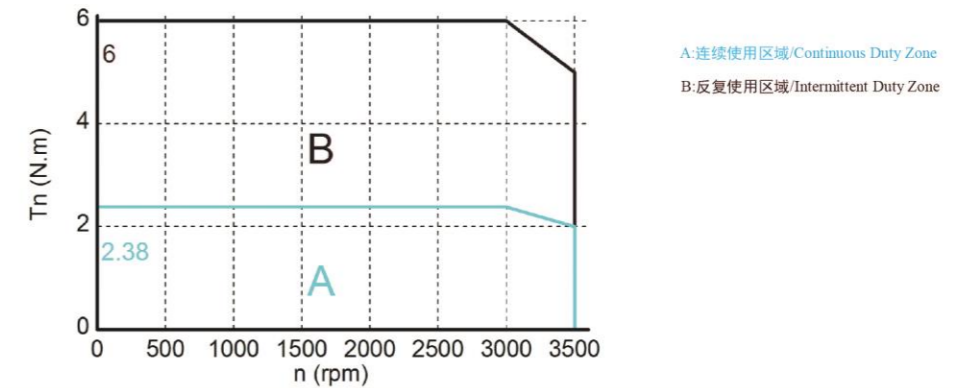
2. 编码器插座/Encoder Socket



插座	三排 DB15 母插头														
针号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
定义	NC	NC	U+	5V	0V	V+	Z-	Z+	W+	NC	B-	B+	A-	A+	NC
颜色			棕	红	黑	蓝	黄白	黄	橙		灰白	灰	绿白	绿	

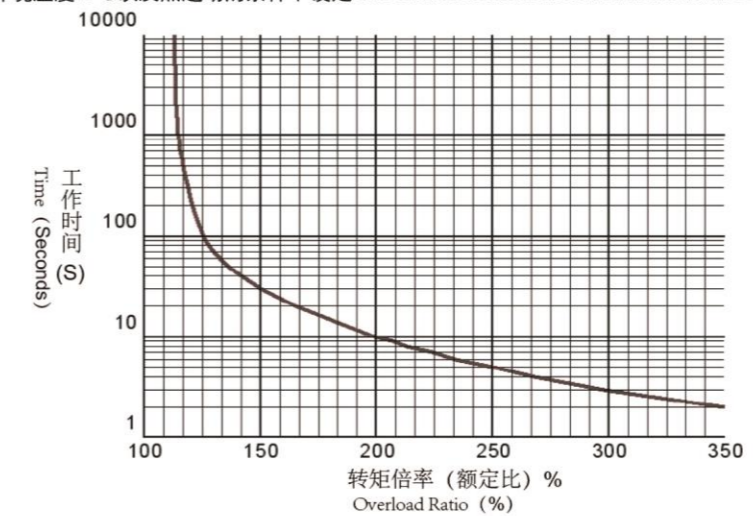


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



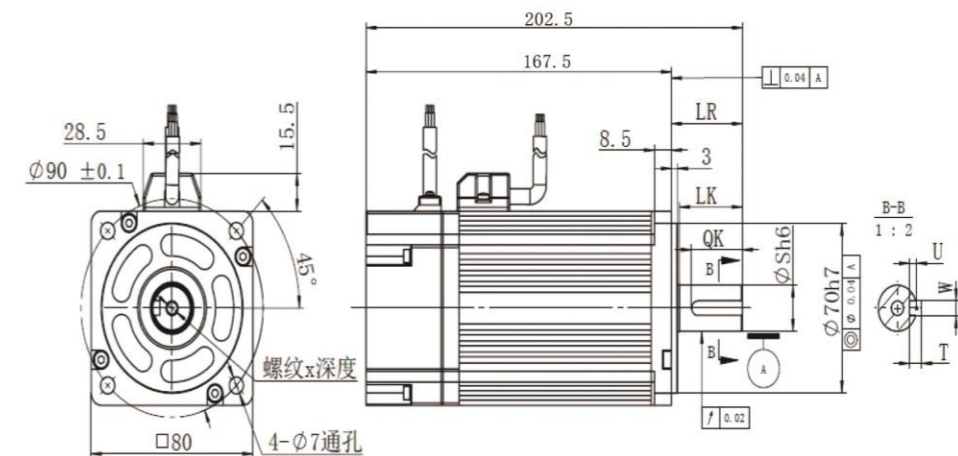
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



电机型号	LR	LK	QK	S	U	W	T	螺纹孔×深度
1500W48V3000RPM	35	31	25	19	3.5	6	6	M6×12

机身长度	带刹车机身长度L
167.5	L

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电机型号: D110M-03830C5-E
 物料编码: _____

基本参数/BASIC PARAMETERS

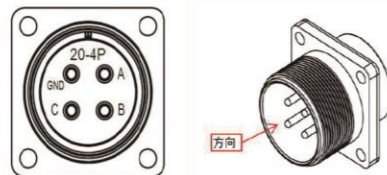
额定功率(Kw): Rated Output(Kw):	1.2	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	23.3±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	69.9±10%
额定扭矩(N.m): Rated Torque(N.m):	3.82	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	11.46
线电阻(Ω): Line Resistance(Ω):	0.03±10%	线电感(mH): Line Inductance(mH):	0.23±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	10.1±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.17±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	4.83±10%	反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise(CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值。电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6, the resistance of outgoing line is 40mohm/500mm.

连接器/CONNECTORS

1. 动力插座/Power Line Socket

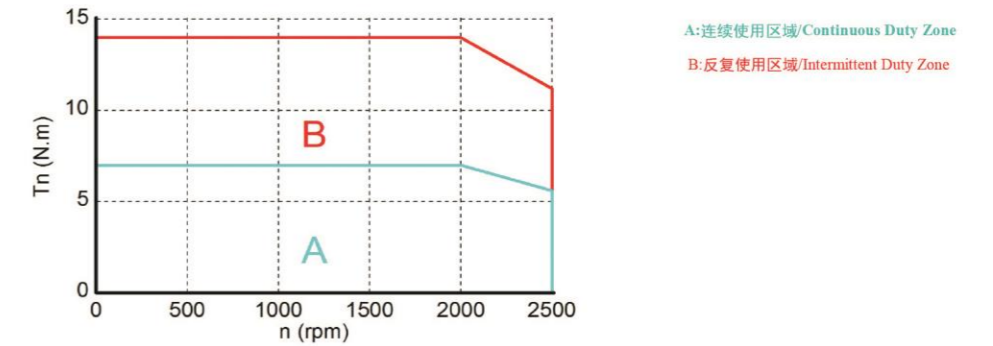
插座编号 Socket Numbers	A	B	C	GND
信号引线 Signal leads	U	V	W	GND



2. 编码器插座/Encoder Socket

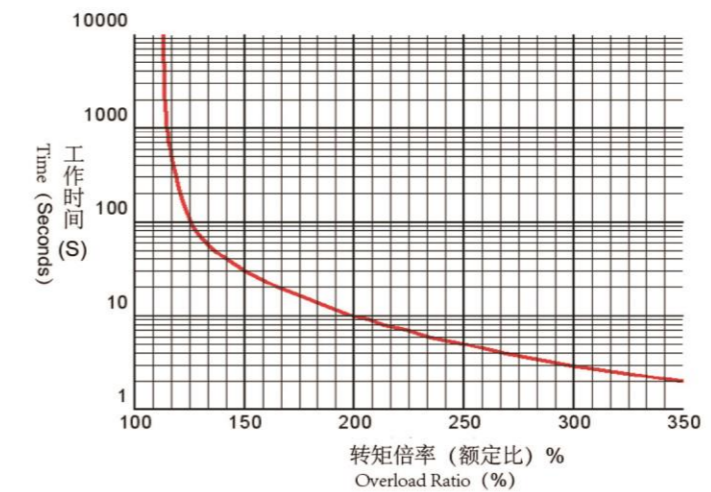
插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:

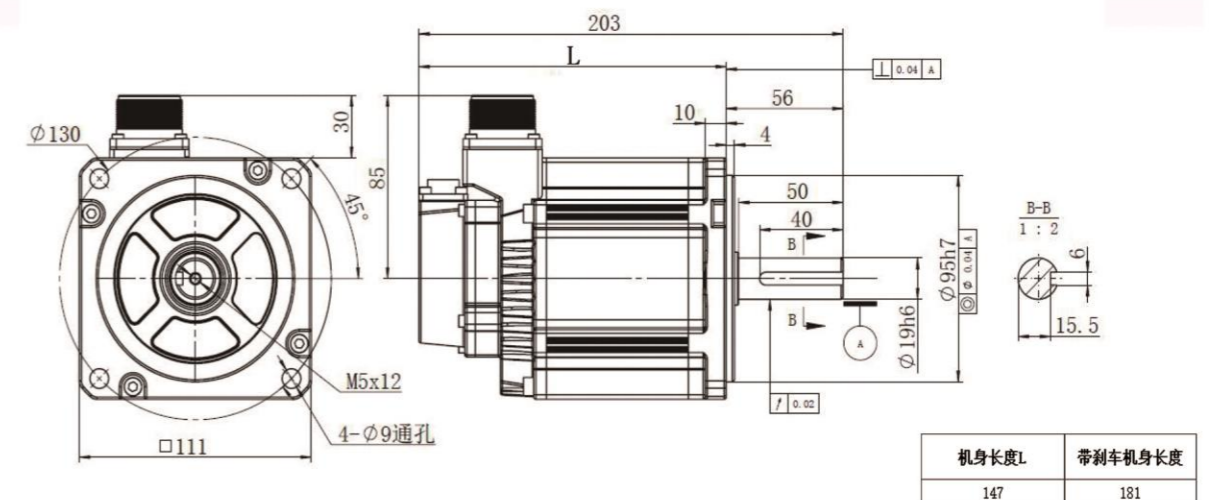


※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

nc.

机械尺寸/External Dimensions(mm)



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电机型号: **D110M-04030C5-E**
 MODEL: **D110M-04030C5-E**
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

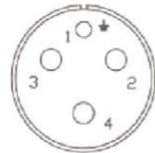
额定功率(Kw): Rated Output(Kw):	1.3	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	32.7	瞬时最大电流(A): Instantaneous Max. Current(A):	65.4
额定扭矩(N.m): Rated Torque(N.m):	4	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	12
最大功率(Kw): Max. Output(Kw):	3.8	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF(V/krpm):	13.3	转矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

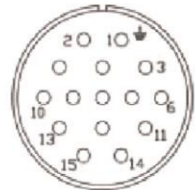
连接器/CONNECTORS

1. 动力插座/Power Line Socket

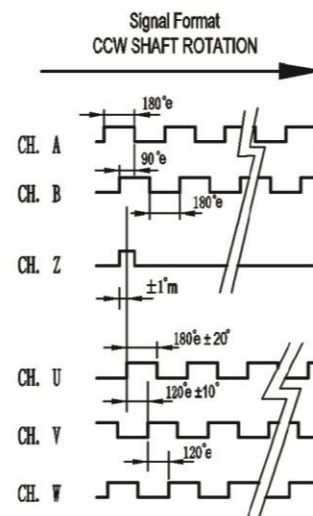
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



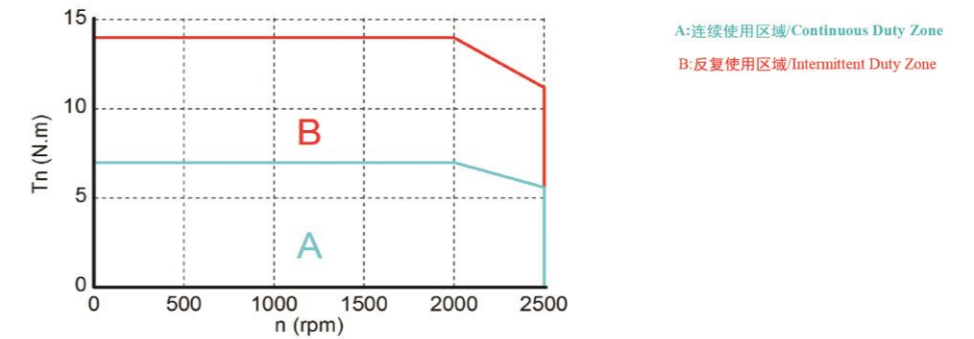
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

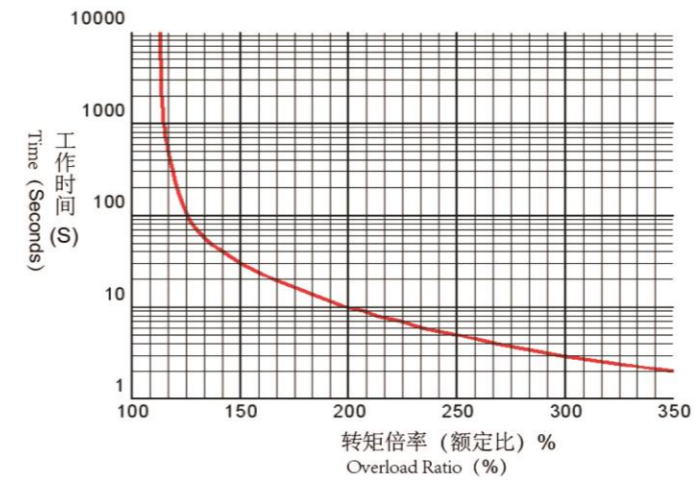


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



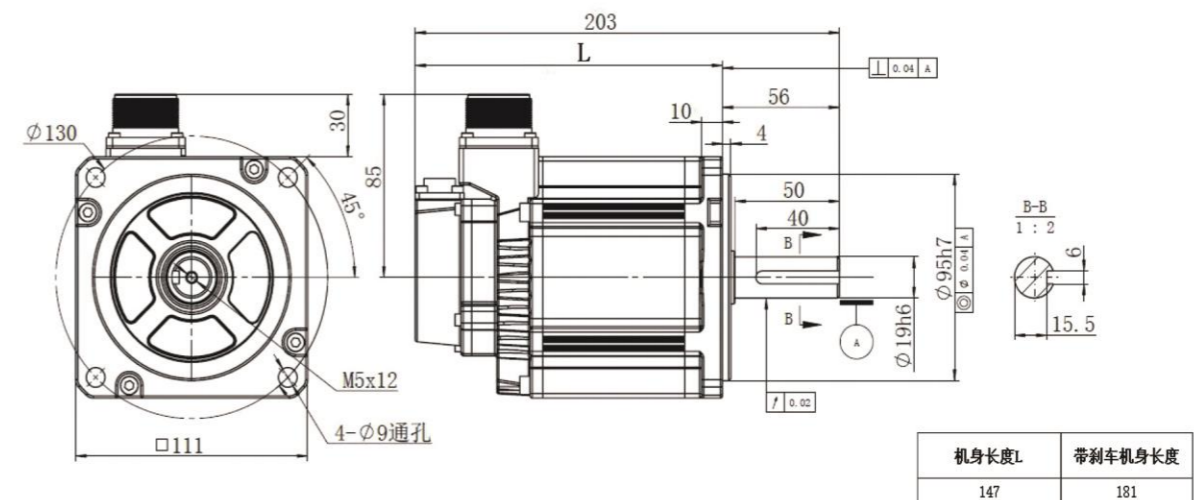
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



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电机型号: **D110M-04030E5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.3	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	21.8	瞬时最大电流(A): Instantaneous Max. Current(A):	43.6
额定扭矩(N.m): Rated Torque(N.m):	4	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	12
最大功率(Kw): Max. Output(Kw):	3.8	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	20	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

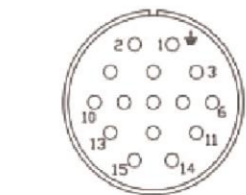
连接器/CONNECTORS

1. 动力插座/Power Line Socket

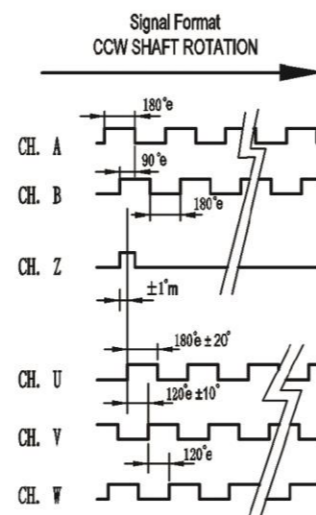
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



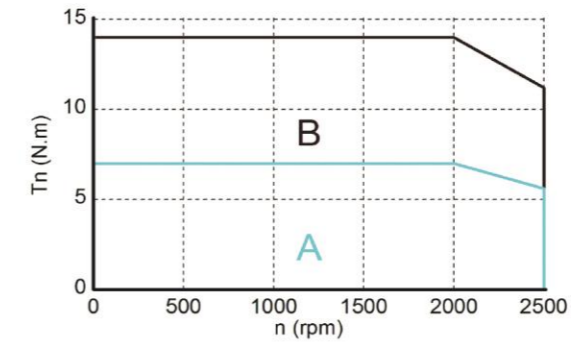
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



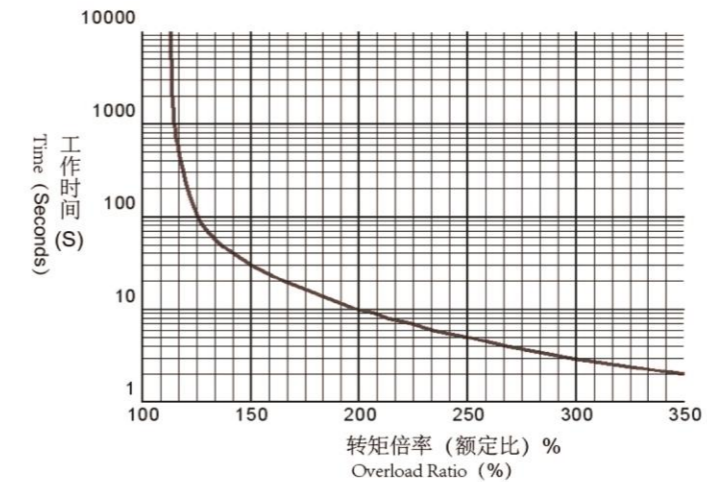
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

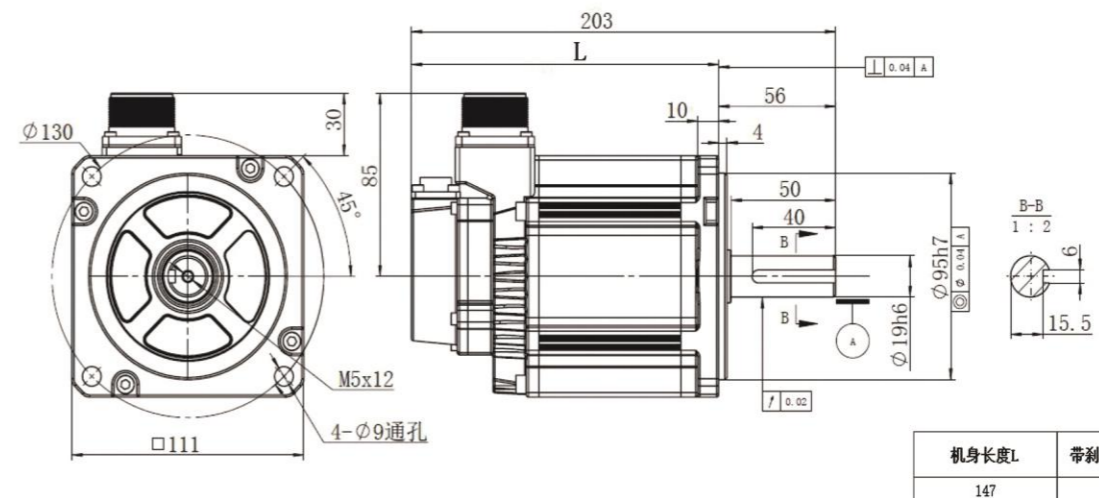
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: D110M-04830C5-E
 物料编码: _____

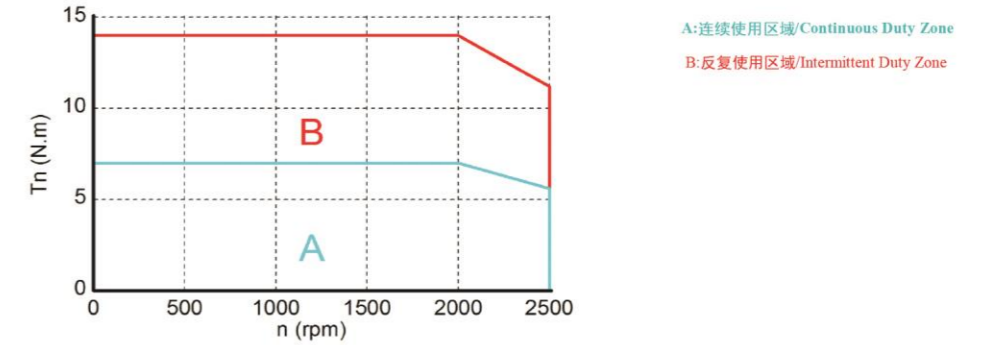


基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class :	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	35.4±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	106.3±10%
额定扭矩(N.m): Rated Torque(N.m):	4.77	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	14.32
线电阻(Ω): Line Resistance(Ω):	0.02±10%	线电感(mH): Line Inductance(mH):	0.13±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	8.4±10%	转矩系数(N.m/A): Torque Coefficient(N.m/A):	0.13±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	6.03±10%	反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating :	连续 Continuous	振动等级: Vibration Class :	V 15
环境温度: /Ambient Temperature :	0~+40℃	环境湿度: Ambient Humidity :	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mouting :	法兰式 Flange Method
连接方式: Drive Method :	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure :	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction :	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

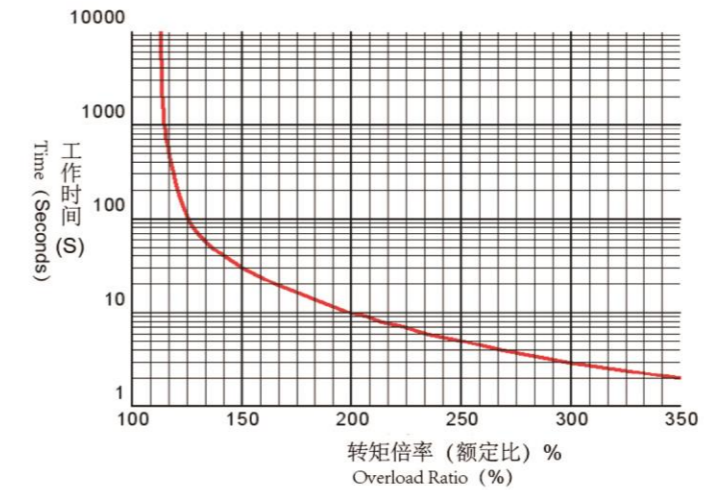
※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mohm/500mm.

转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



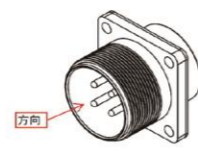
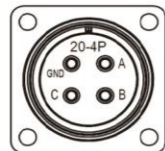
※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

连接器/CONNECTORS

1. 动力插座/Power Line Socket

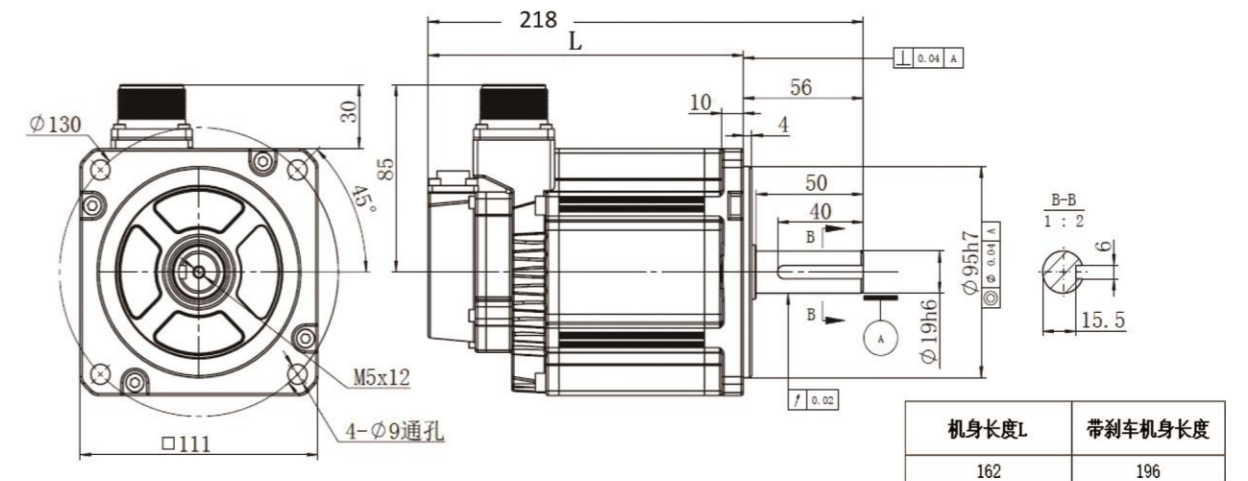
插座编号 Socket Numbers	A	B	C	GND
信号引线 Signal leads	U	V	W	GND



2. 编码器插座/Encoder Socket

插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: D110M-06030C5-E
物料编码: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.8	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	35.4±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	106.3±10%
额定扭矩(N.m): Rated Torque(N.m):	5.73	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	17.19
线电阻(Ω): Line Resistance(Ω):	0.02±10%	线电感(mH): Line Inductance(mH):	0.18±10%
线反电势(V/krpm): Line Back EMF(V/krpm):	10.2±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.17±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	6.03±10%	反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热板上且在环境温度40℃时的连续容许转矩值,电机引线电阻40mohm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6, the resistance of outgoing line is 40mohm/500mm.

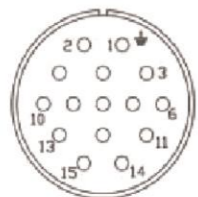
连接器/CONNECTORS

1. 动力插座/Power Line Socket

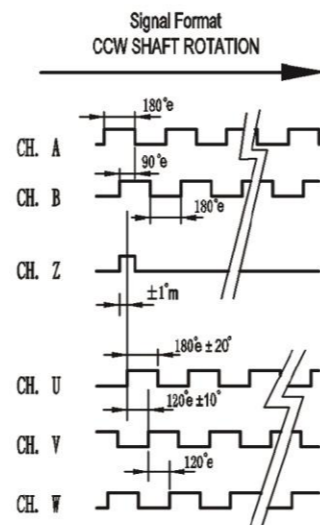
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



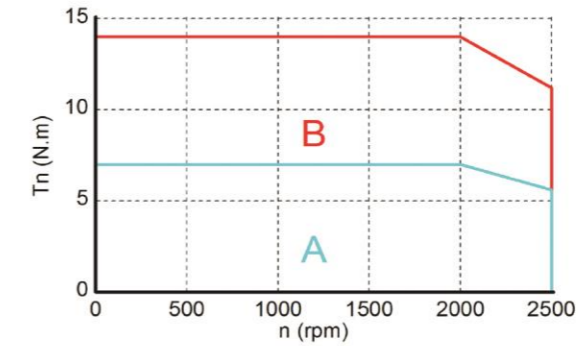
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



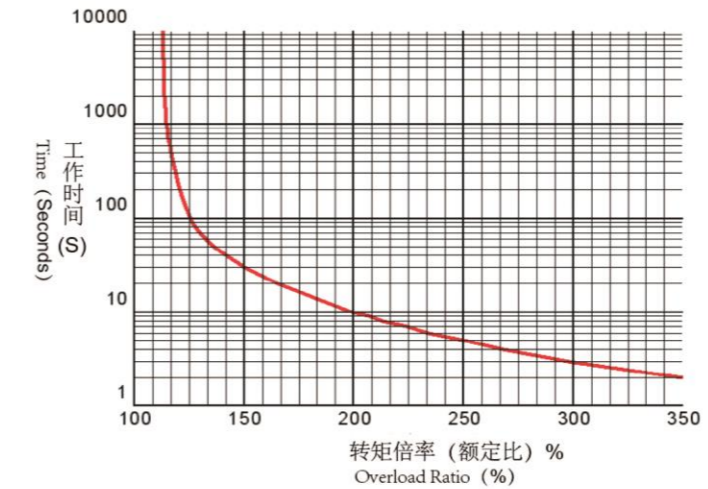
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
B: 反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

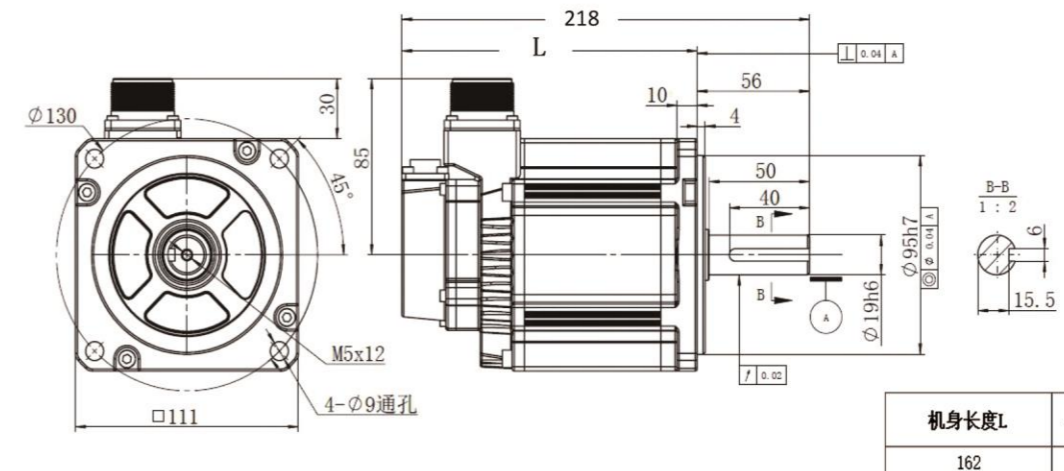
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
162	196

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D110M-06030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.9	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	49.1	瞬时最大电流(A): Instantaneous Max. Current(A):	98.2
额定扭矩(N.m): Rated Torque(N.m):	6	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	18
最大功率(Kw): Max. Output(Kw):	5.7	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	1.3	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

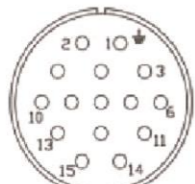
连接器/CONNECTORS

1. 动力插座/Power Line Socket

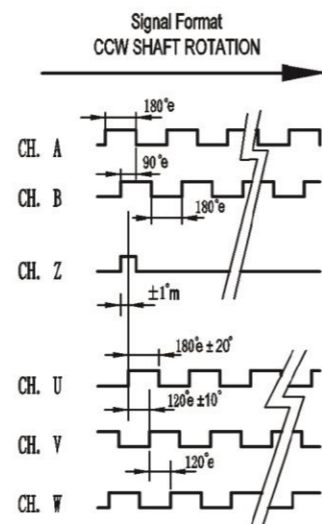
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



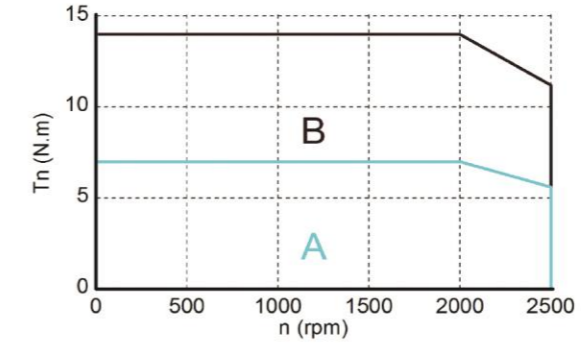
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



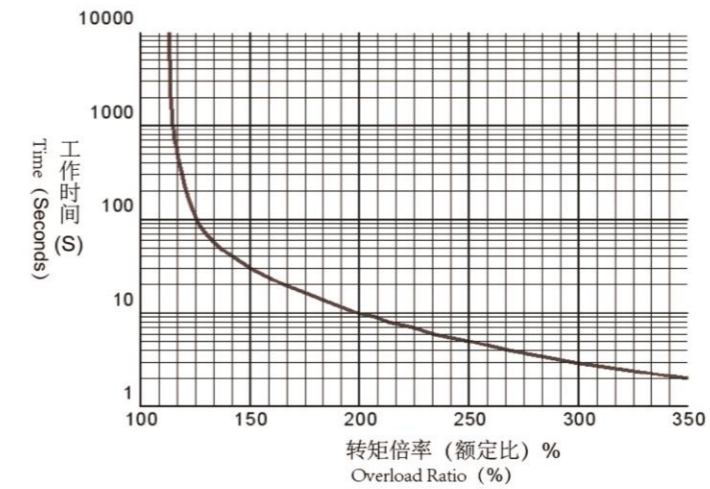
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

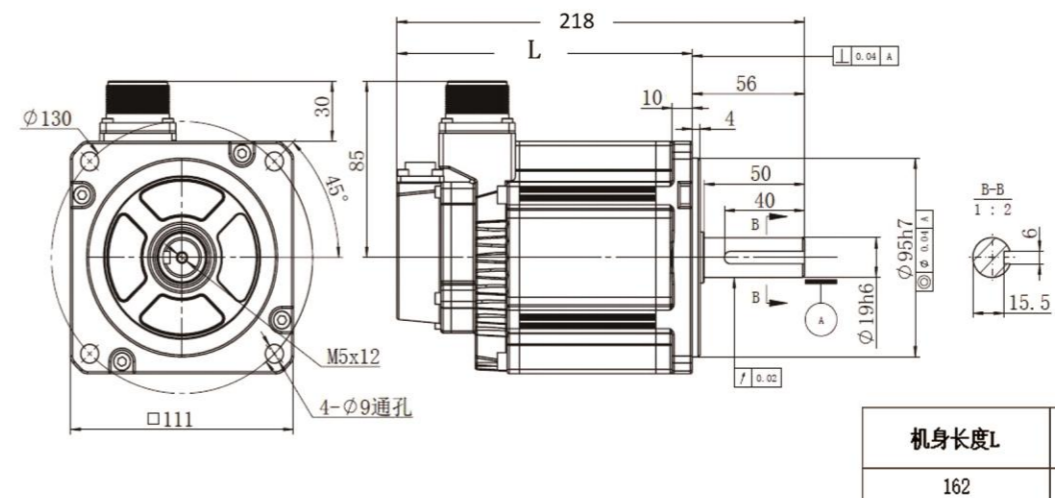
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
162	196

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D110M-06030E5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.9	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	32.7	瞬时最大电流(A): Instantaneous Max. Current(A):	65.4
额定扭矩(N.m): Rated Torque(N.m):	6	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	18
最大功率(Kw): Max. Output(Kw):	5.7	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	20	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

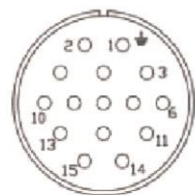
连接器/CONNECTORS

1. 动力插座/Power Line Socket

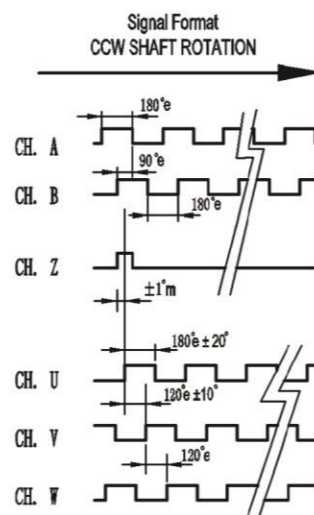
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



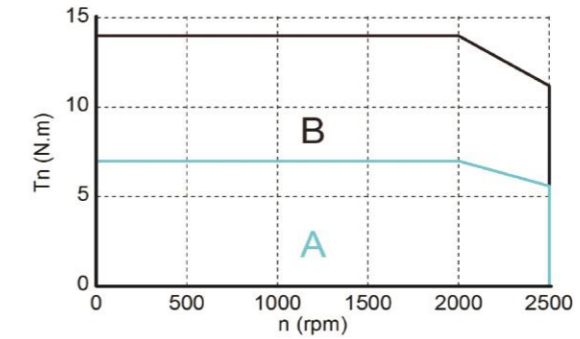
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



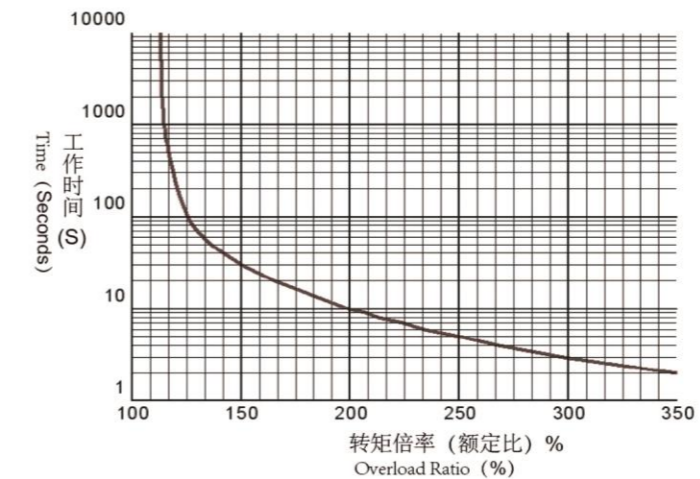
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
 B:反复使用区域/Intermittent Duty Zone

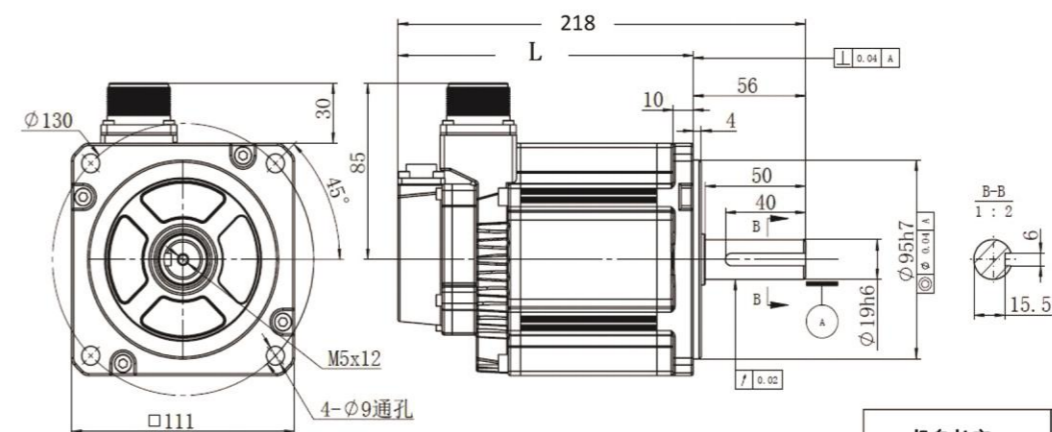
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
162	196

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-10020C5-E**

MODEL: _____

文档编号: _____

FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2100
额定电流(A): Rated Current(A):	25 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	50 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	5	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	10
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	1.2 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12.7 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

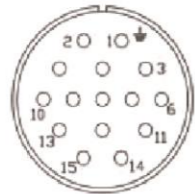
连接器/CONNECTORS

1. 动力插座/Power Line Socket

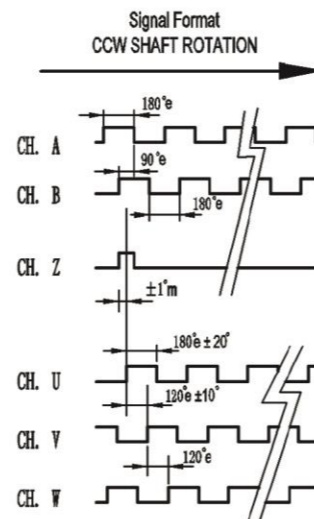
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



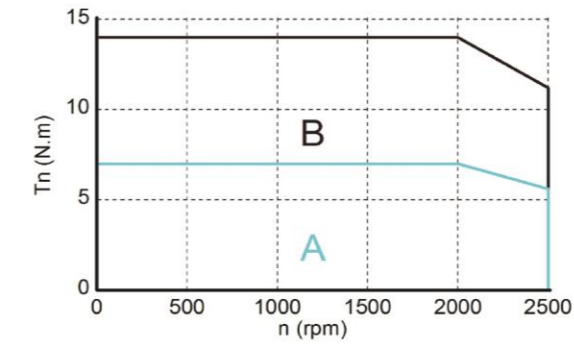
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



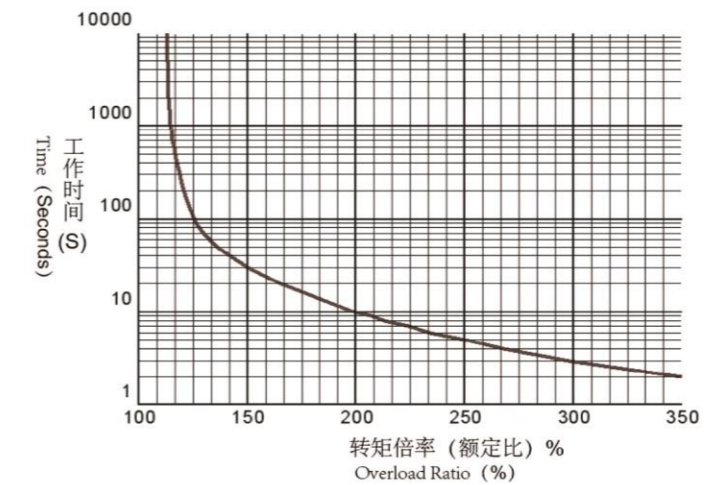
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
B:反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

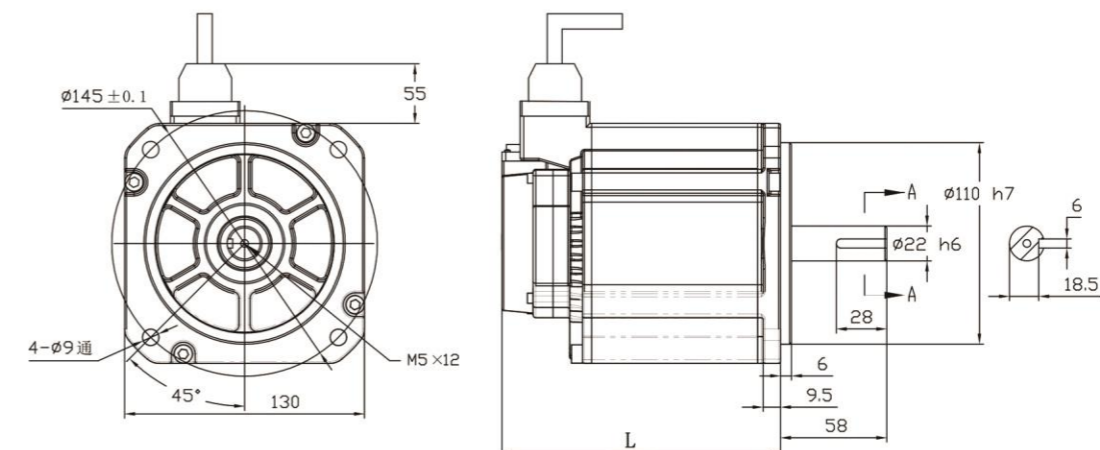
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
143	174

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-04030A5-E**

MODEL:

文档编号:

FILE NUM.:



基本参数/BASIC PARAMETERS

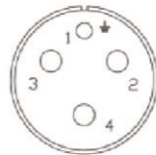
额定功率(Kw): Rated Output(Kw):	1.3	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	61.6	瞬时最大电流(A): Instantaneous Max. Current(A):	
额定扭矩(N.m): Rated Torque(N.m):	4	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	12
最大功率(Kw): Max. Output(Kw):	3.8	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	6.7	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

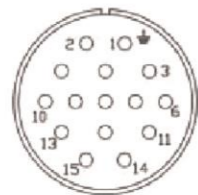
连接器/CONNECTORS

1. 动力插座/Power Line Socket

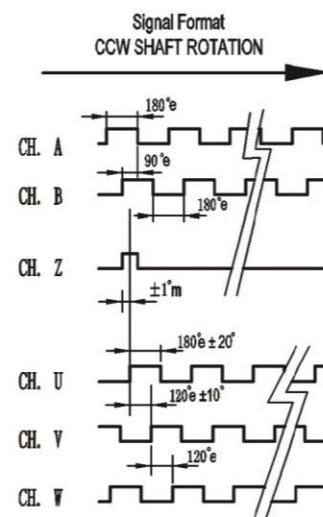
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



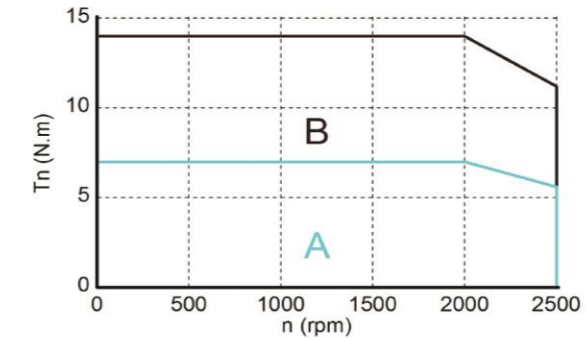
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



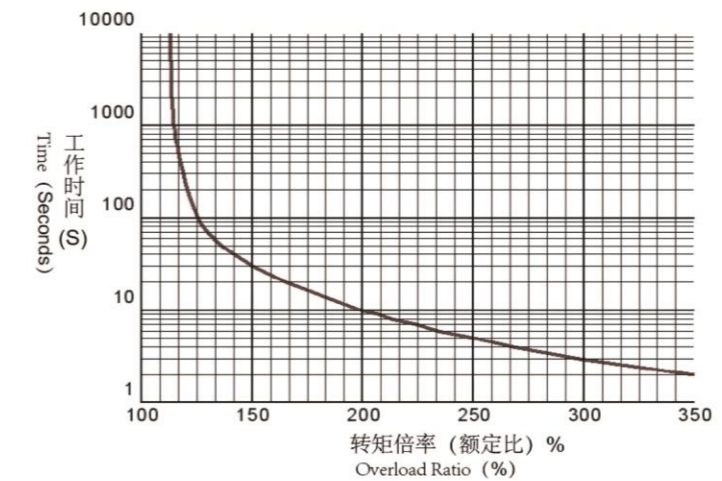
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
B:反复使用区域/Intermittent Duty Zone

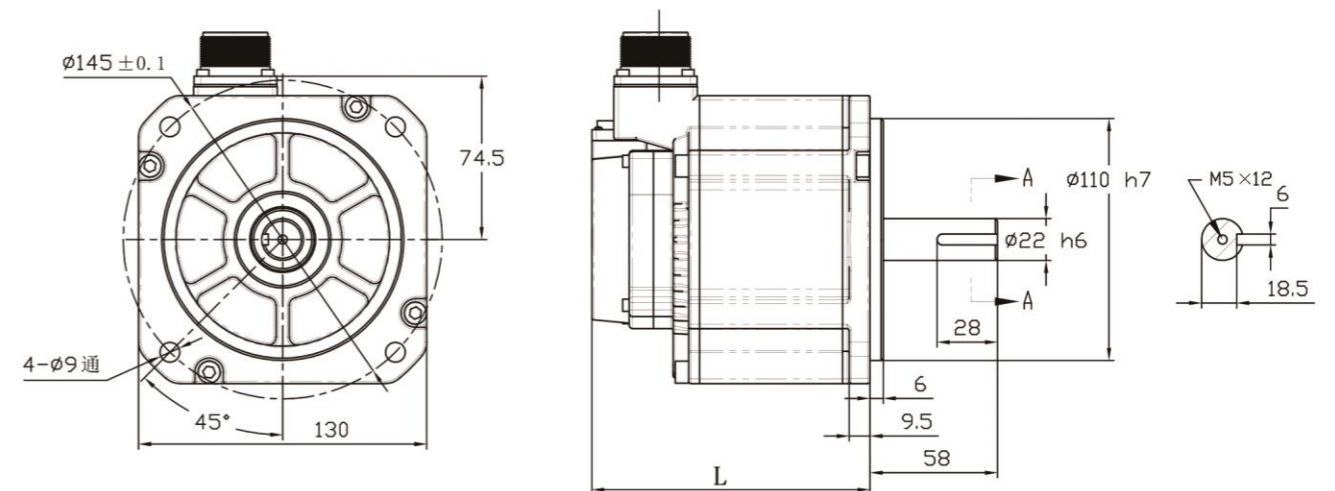
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
128	174

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D130M-07020C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2500
额定电流(A): Rated Current(A):	30±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	60±10%
额定扭矩(N.m): Rated Torque(N.m):	7	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	14
线电阻(Ω): Line Resistance(Ω):	0.06±10%(25℃)	线电感(mH): Line Inductance(mH):	0.34±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	15.1±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.25±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	17±10%	反馈元件: Feedback Component:	增量式/Incremental Encoder, 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	8.6±10%
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

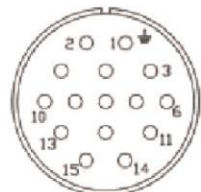
连接器/CONNECTORS

1. 动力插座/Power Line Socket

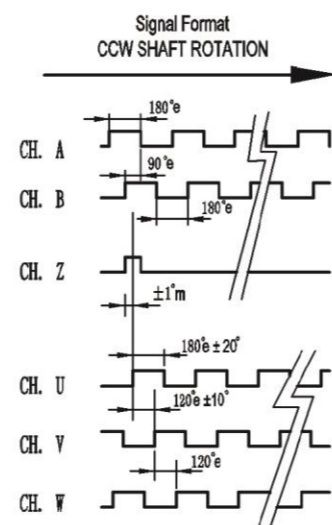
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



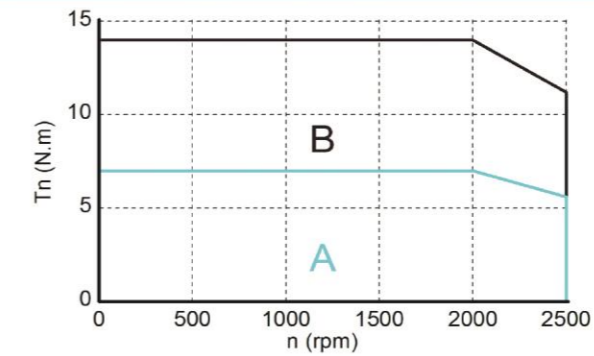
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



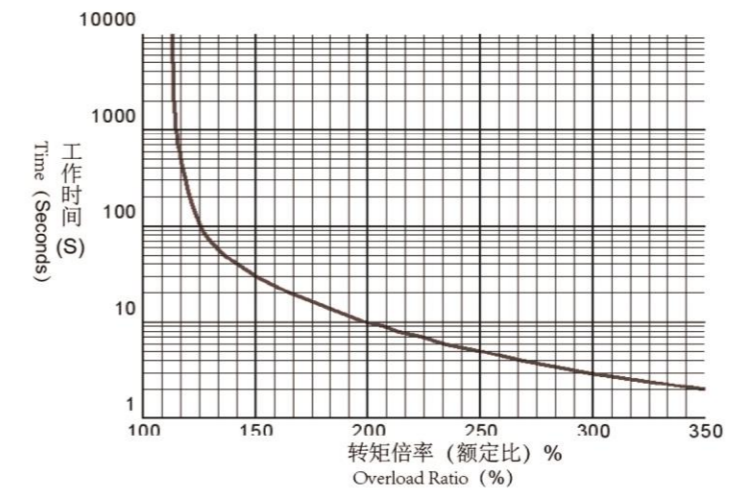
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

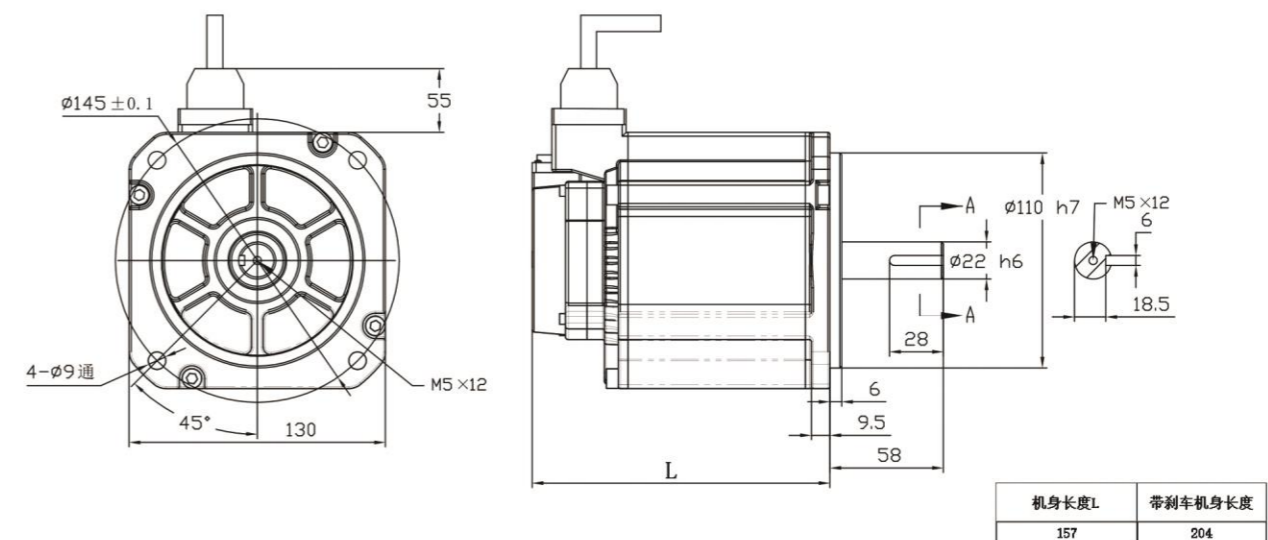
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-06030A5-E**

MODEL: _____

文档编号: _____

FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.9	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	92.4	瞬时最大电流(A): Instantaneous Max. Current(A):	184.8
额定扭矩(N.m): Rated Torque(N.m):	6	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	18
最大功率(Kw): Max. Output(Kw):	5.7	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	6.7	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

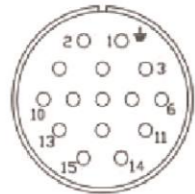
连接器/CONNECTORS

1. 动力插座/Power Line Socket

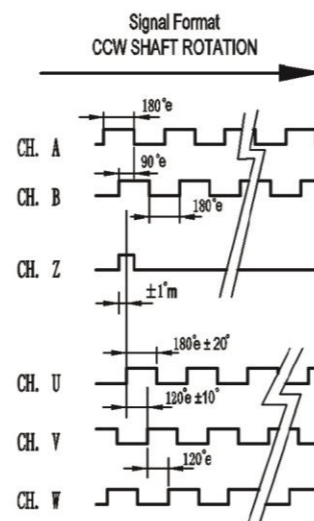
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



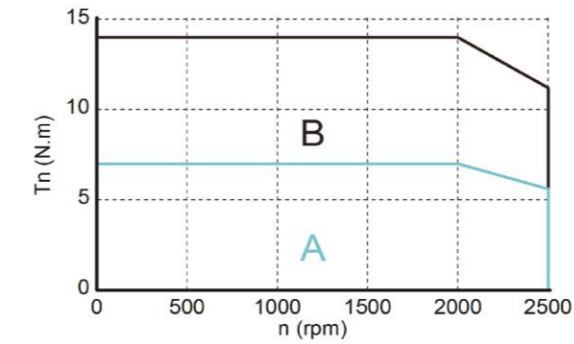
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



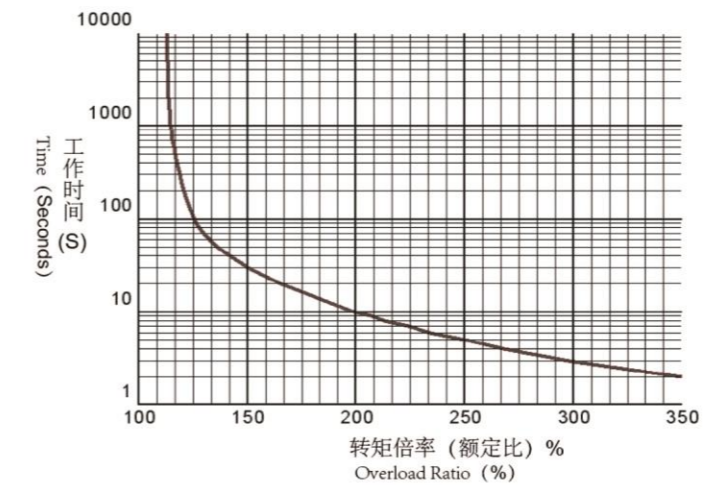
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
B:反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

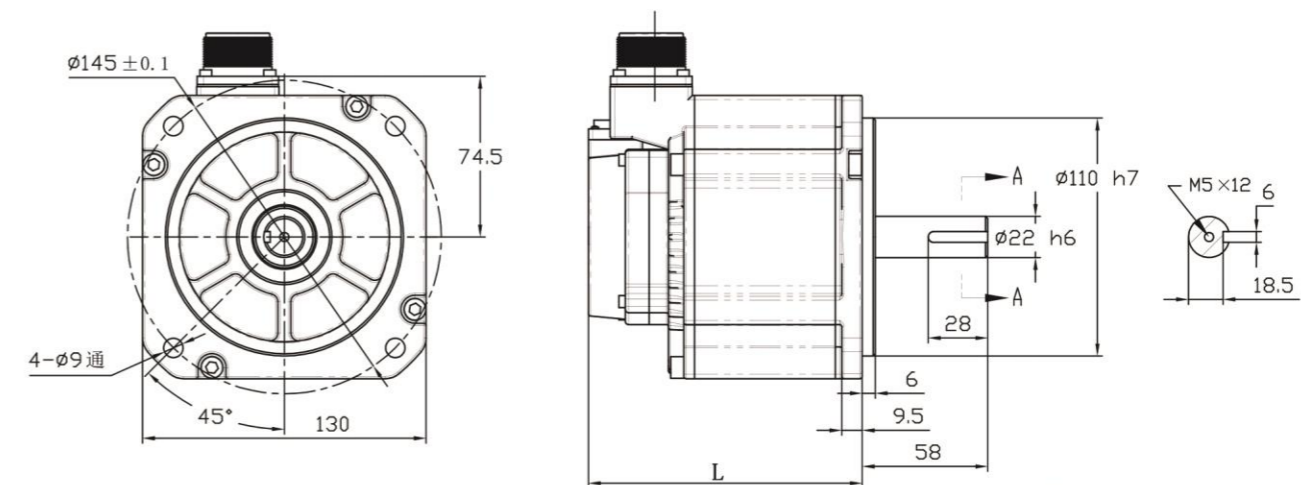
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
143	204

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-06030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.9	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	46.2	瞬时最大电流(A): Instantaneous Max. Current(A):	92.4
额定扭矩(N.m): Rated Torque(N.m):	6	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	18
最大功率(Kw): Max. Output(Kw):	3.8	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	13.3	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境温度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mouting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热器上且在环境温度40℃时的连续允许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

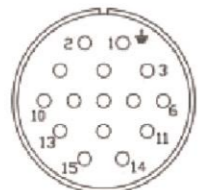
连接器/CONNECTORS

1. 动力插座/Power Line Socket

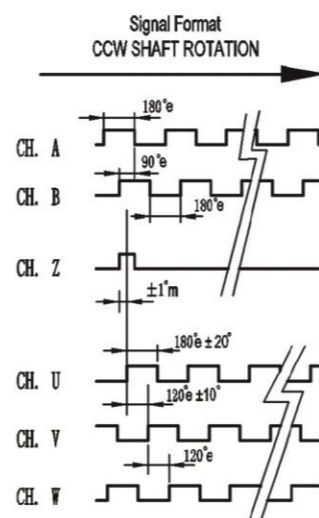
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



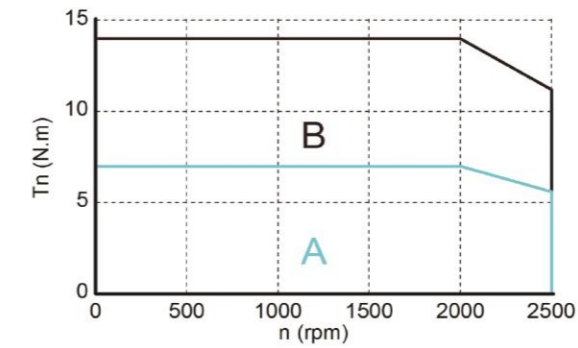
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



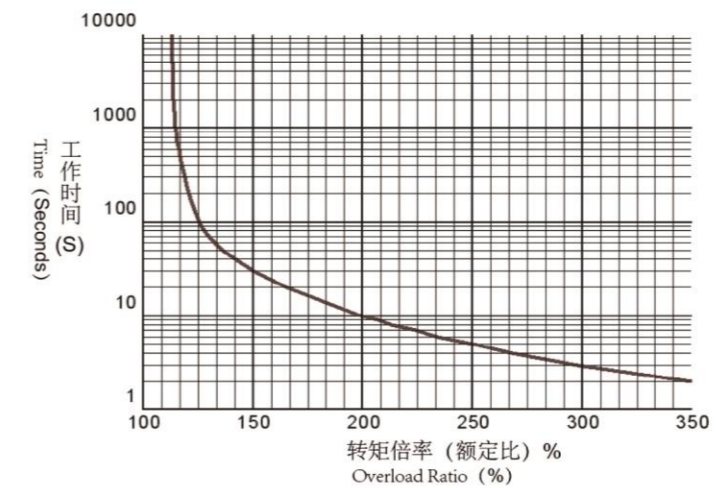
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

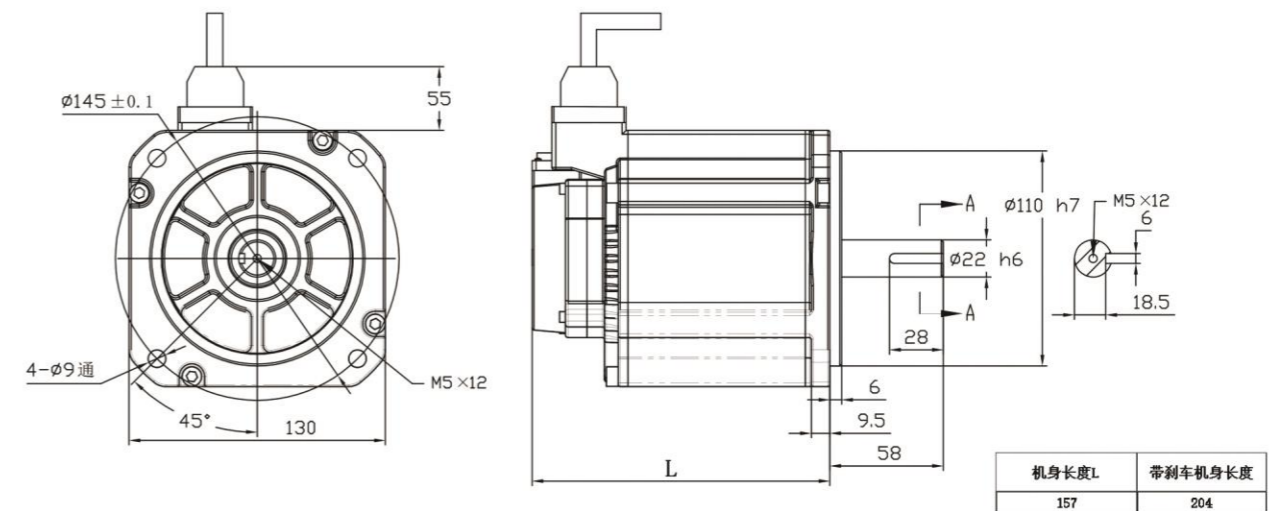
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D130M-06030E5-E**
 MODEL: **D130M-06030E5-E**
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	1.9	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	30.8	瞬时最大电流(A): Instantaneous Max. Current(A):	61.6
额定扭矩(N.m): Rated Torque(N.m):	6	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	18
最大功率(Kw): Max. Output(Kw):	5.7	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	20.0	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续允许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

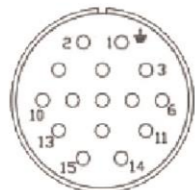
连接器/CONNECTORS

1. 动力插座/Power Line Socket

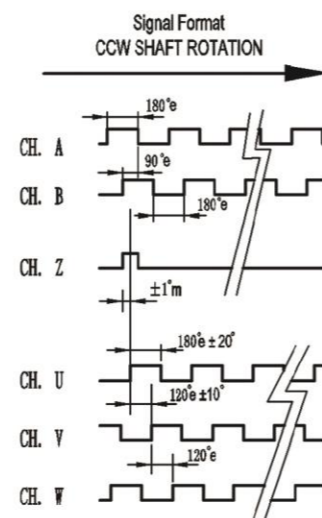
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



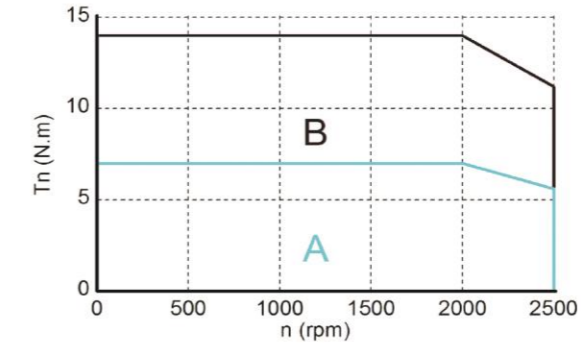
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



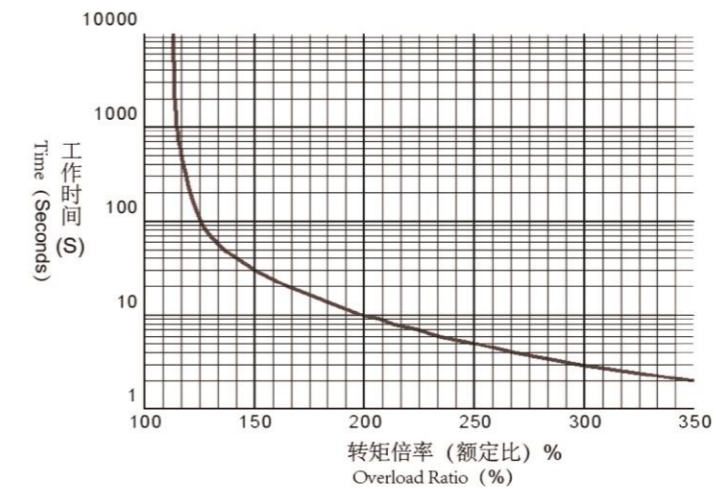
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

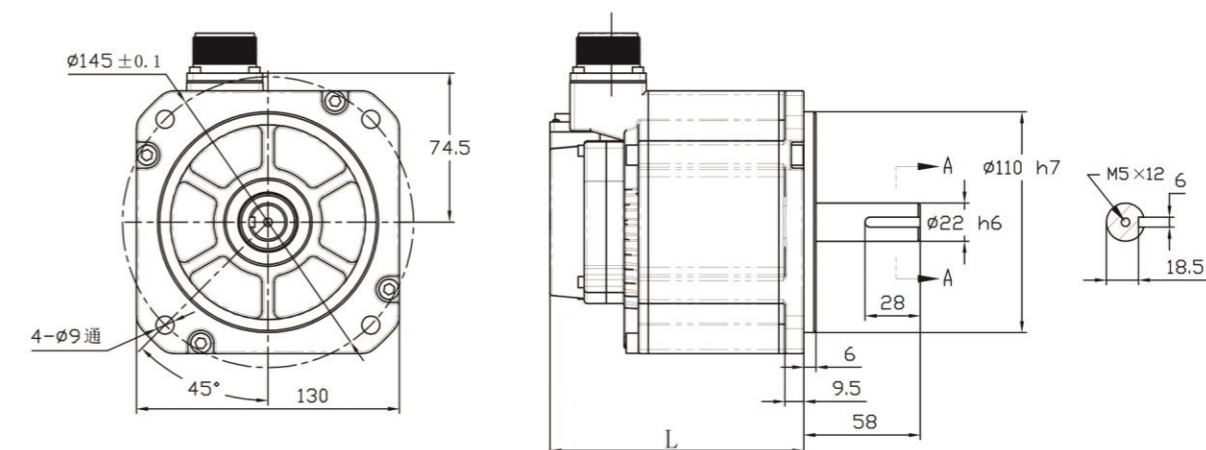
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用 The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内 Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



机身长度L	带刹车机身长度
143	204

注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-10030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

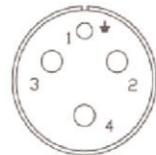
额定功率(Kw): Rated Output(Kw):	2	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2100
额定电流(A): Rated Current(A):	41±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	123±10%
额定扭矩(N.m): Rated Torque(N.m):	9.55	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	28.65
线电阻(Ω): Line Resistance(Ω):	0.032±10%	线电感(mH): Line Inductance(mH):	0.21±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	14.7±10%	转矩系数(N.m/A): Torque Coefficient(N.m/A):	0.243±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	24.3±10%	反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	1.1±10%
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在250×250×6的铝制散热器上且在环境温度40℃时的连续容许转矩值。电机引线电阻40mhm/500mm。/Rated torque is the continuous allowable torque at 40℃ with an AL heatsink of 250×250×6,the resistance of outgoing line is 40mhm/500mm.

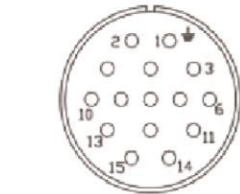
连接器/CONNECTORS

1. 动力插座/Power Line Socket

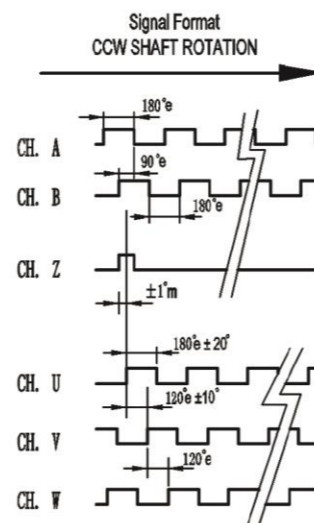
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



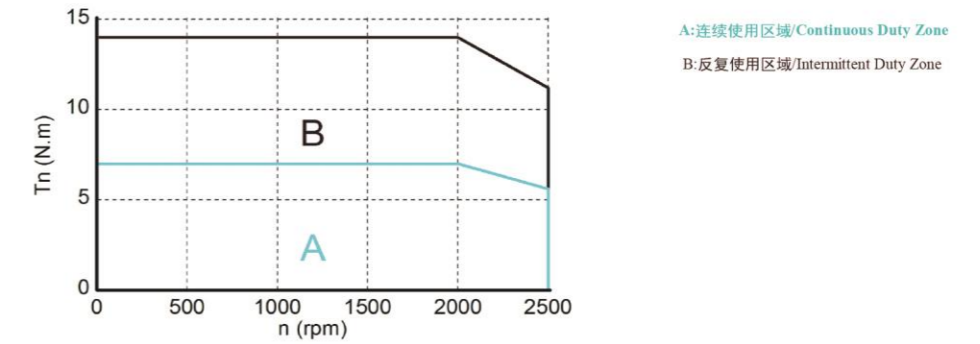
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

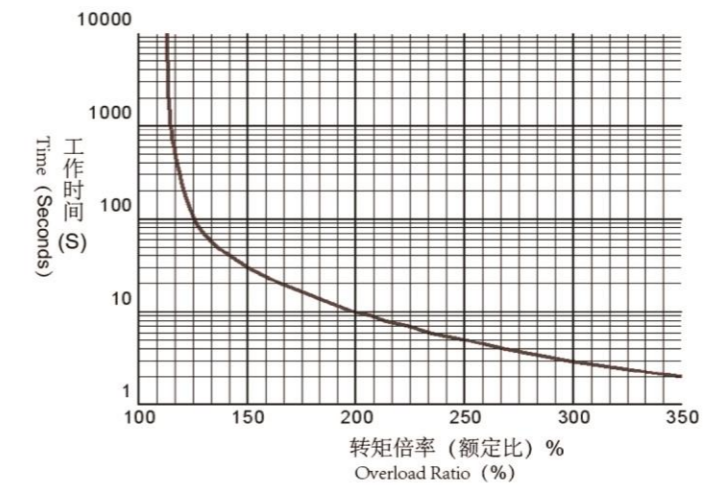


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



过载特性曲线/OVERLOAD CHARACTERISTICS

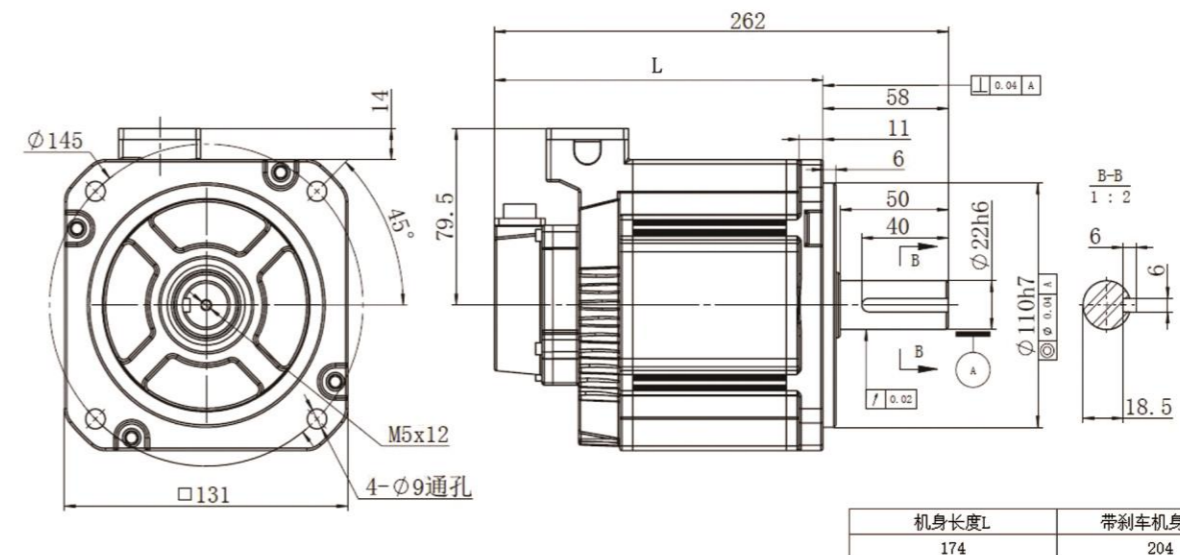
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: D130M-07730A5-E
MODEL:
文档编号:
FILE NUM.:

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	2.4	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	118.6	瞬时最大电流(A): Instantaneous Max. Current(A):	237.2
额定扭矩(N.m): Rated Torque(N.m):	7.7	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	23
最大功率(Kw): Max. Output(Kw):	7.3	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF(V/krpm):	6.7	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续允许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

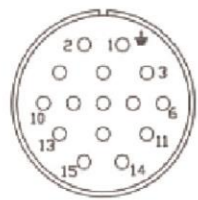
连接器/CONNECTORS

1. 动力插座/Power Line Socket

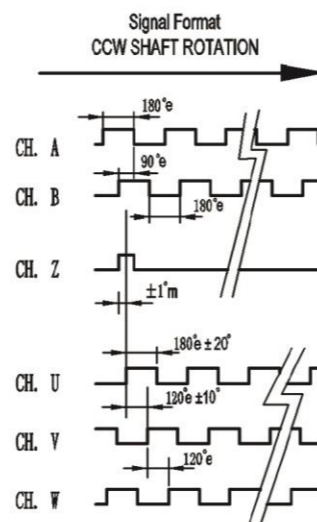
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



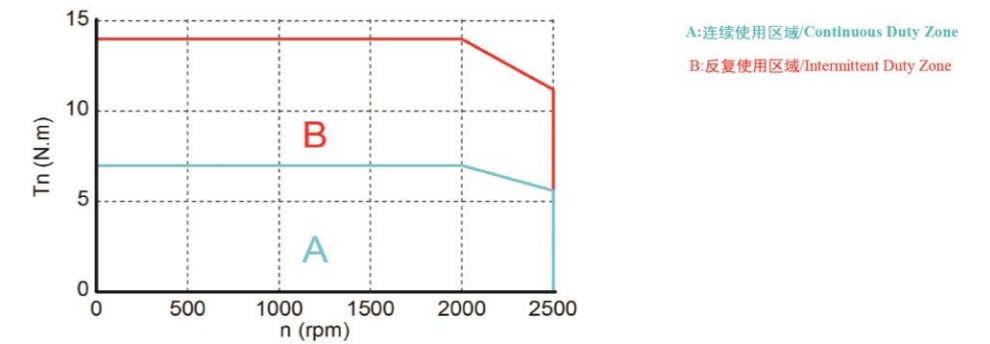
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

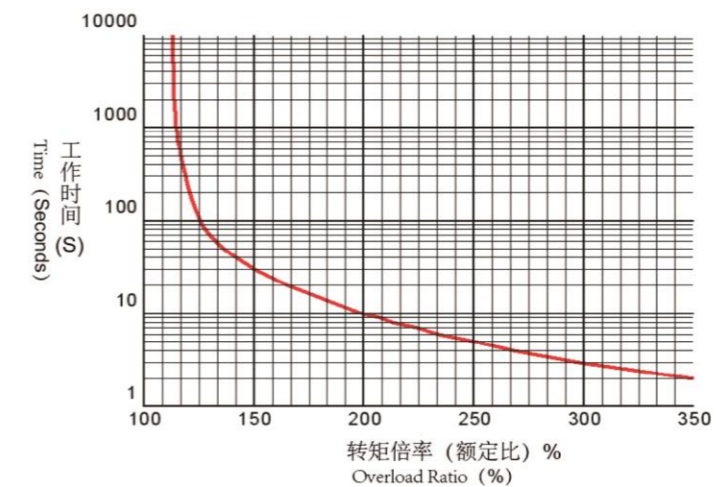


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



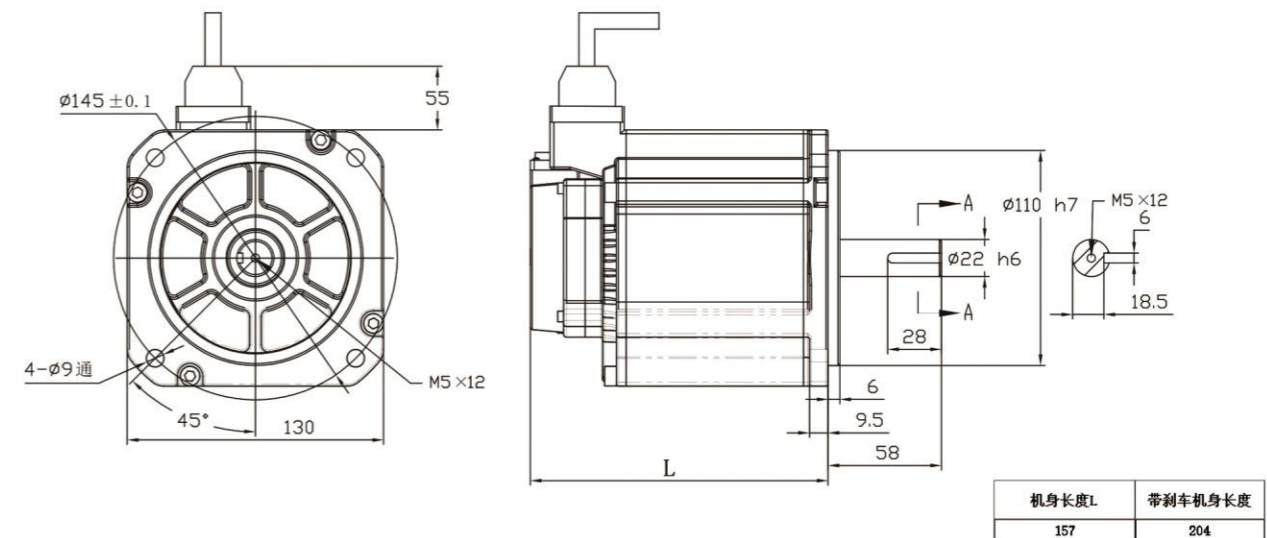
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-077030B5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	2.4	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	59.3	瞬时最大电流(A): Instantaneous Max. Current(A):	118.6
额定扭矩(N.m): Rated Torque(N.m):	7.7	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	23
最大功率(Kw): Max. Output(Kw):	7.3	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	13.3	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续允许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

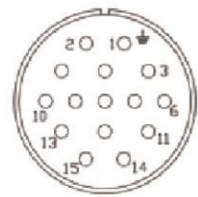
连接器/CONNECTORS

1. 动力插座/Power Line Socket

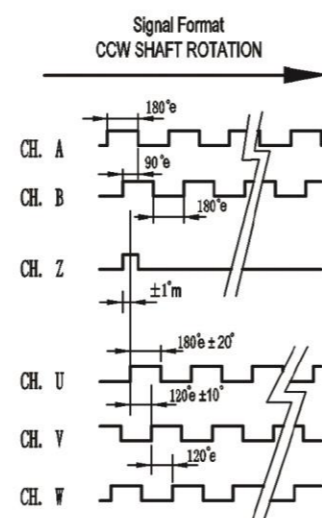
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



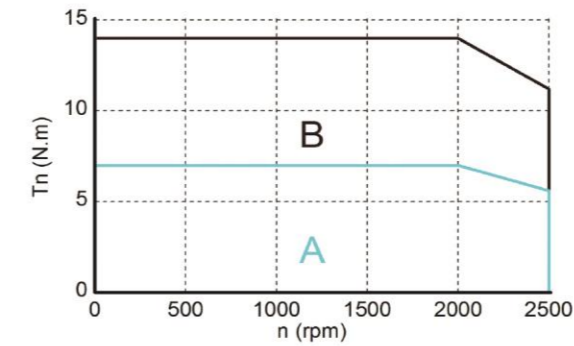
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



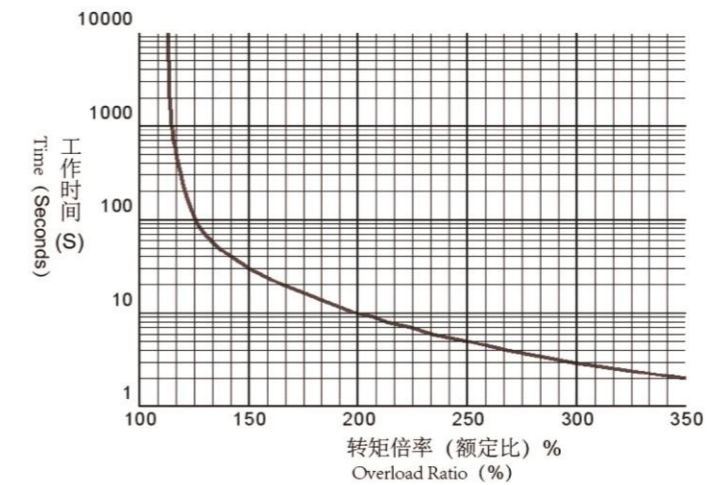
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
 B:反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:

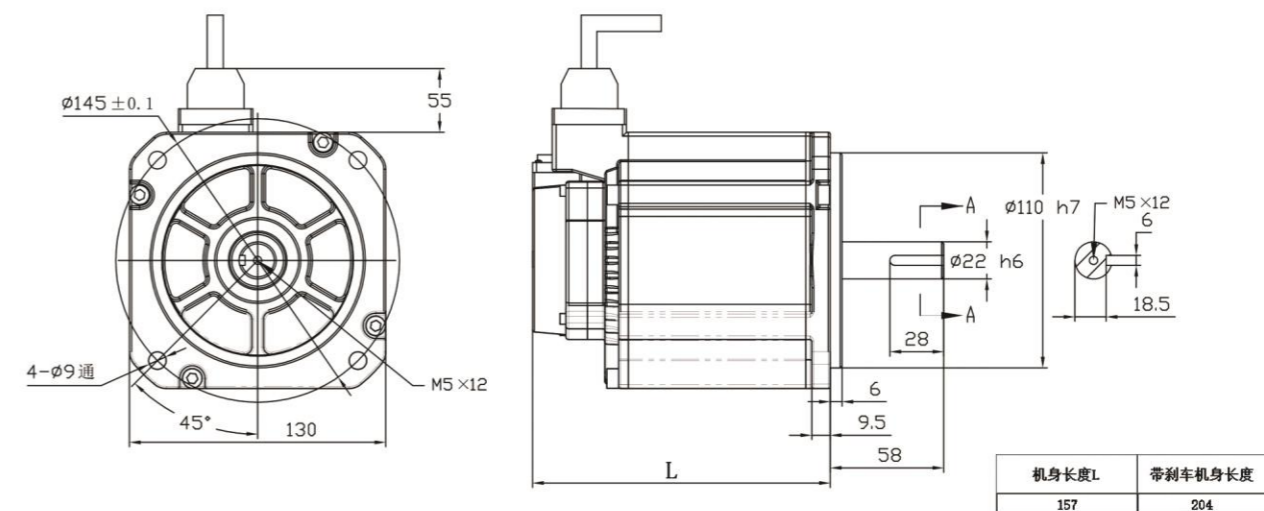


※1:上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2:使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

ne.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-077030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

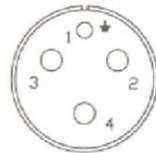
额定功率(Kw): Rated Output(Kw):	2.4	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	39.5	瞬时最大电流(A): Instantaneous Max. Current(A):	79
额定扭矩(N.m): Rated Torque(N.m):	7.7	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	23
最大功率(Kw): Max. Output(Kw):	7.3	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	20.0	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

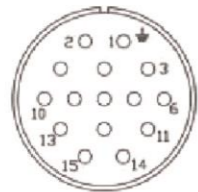
连接器/CONNECTORS

1. 动力插座/Power Line Socket

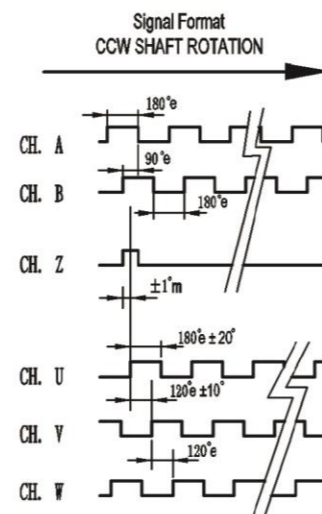
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



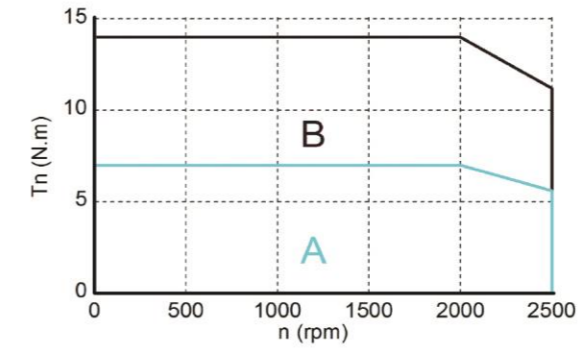
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



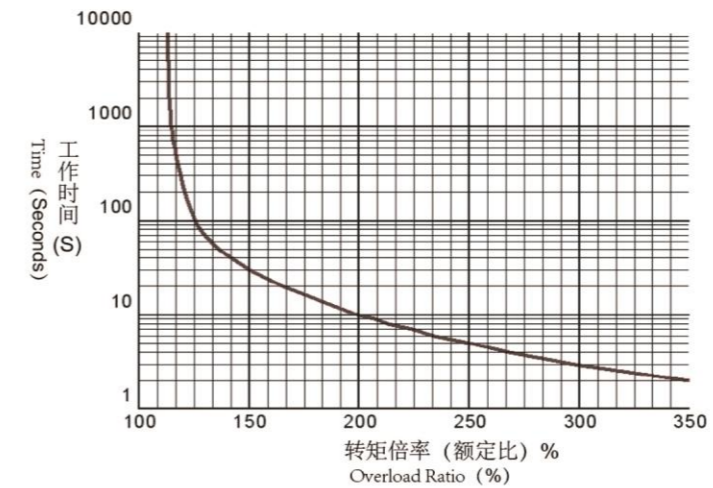
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

过载特性曲线/OVERLOAD CHARACTERISTICS

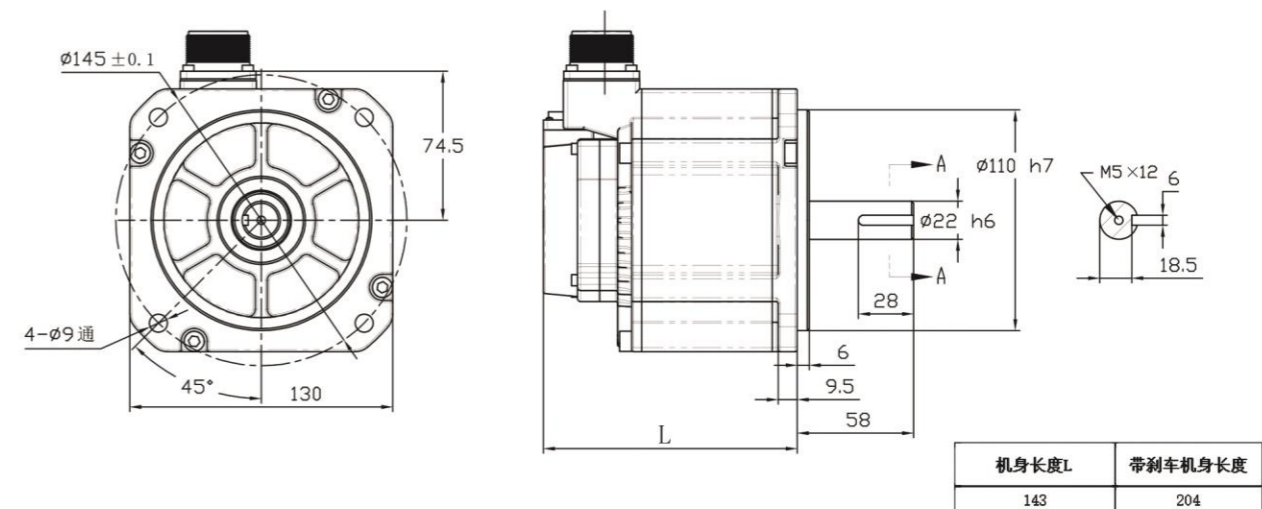
工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;

※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-n characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D130M-16030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	2.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	2100
额定电流(A): Rated Current(A):	55 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	110 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	8	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	16
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.54 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12.2 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	15.9 ± 10%	反馈元件: Feedback Component:	2500PPR增量式非省线编码器
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	0~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

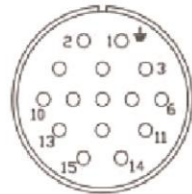
连接器/CONNECTORS

1. 动力插座/Power Line Socket

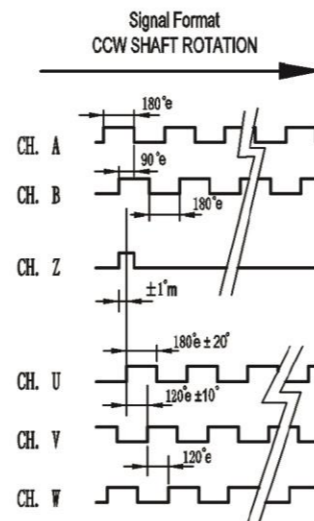
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



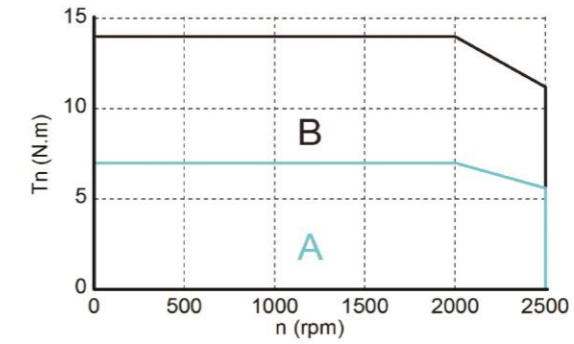
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



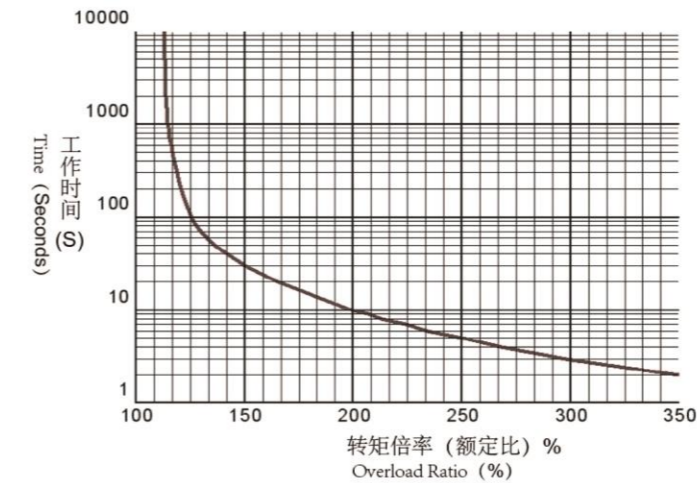
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

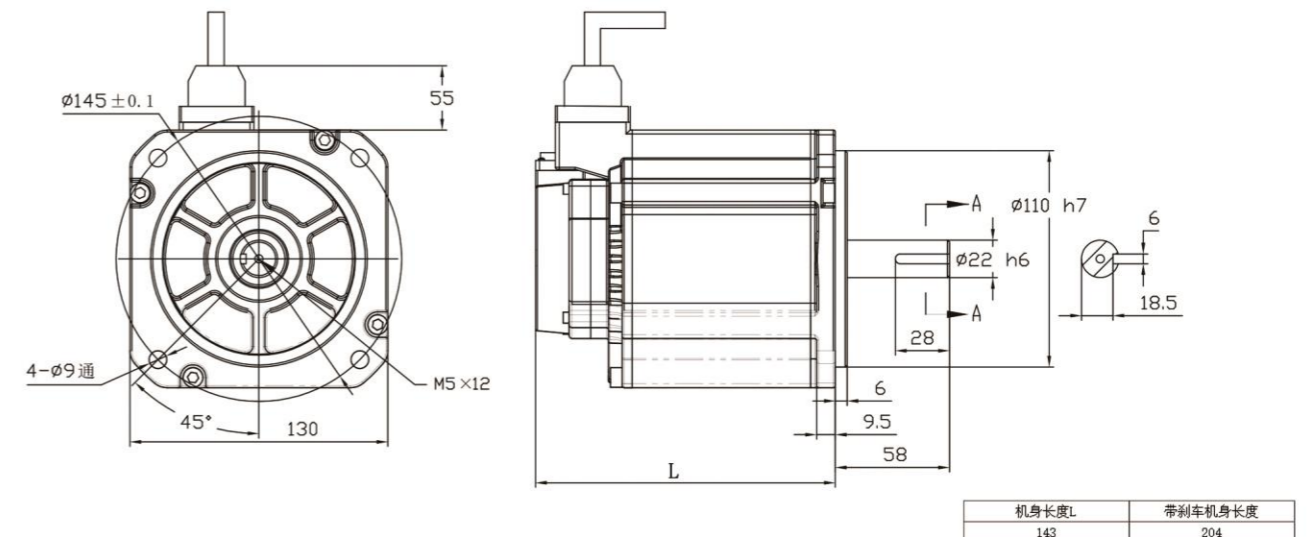
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D130M-14320C5-E**
 MODEL:
 物料编码:
 FILE NUM.:

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	3	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class :	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2500
额定电流(A): Rated Current(A):	72±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	216±10%
额定扭矩(N.m): Rated Torque(N.m):	14.3	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	42.9
线电阻(Ω): Line Resistance(Ω):	0.01±10%(25°C)	线电感(mH): Line Inductance(mH):	0.11±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12.1±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	19±10%	反馈元件: Feedback Component :	增量式/Incremental Encoder, 2500PPR
绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating :	连续 Continuous	振动等级: Vibration Class :	V 15
环境温度: /Ambient Temperature :	-20~+40°C	环境湿度: Ambient Humidity :	20~80%不结露 20~80% No Condensation
励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mouting :	法兰式 Flange Method
连接方式: Drive Method :	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	8.6±10%
保护方式: Enclosure :	全封闭, 自冷 IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction :	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40°C时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40°C with an Fe heatsink of 400×400×20.

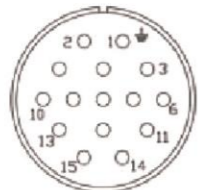
连接器/CONNECTORS

1. 动力插座/Power Line Socket

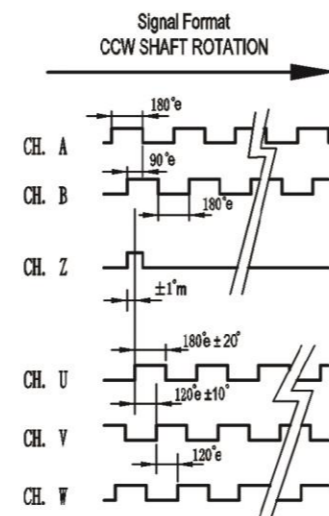
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



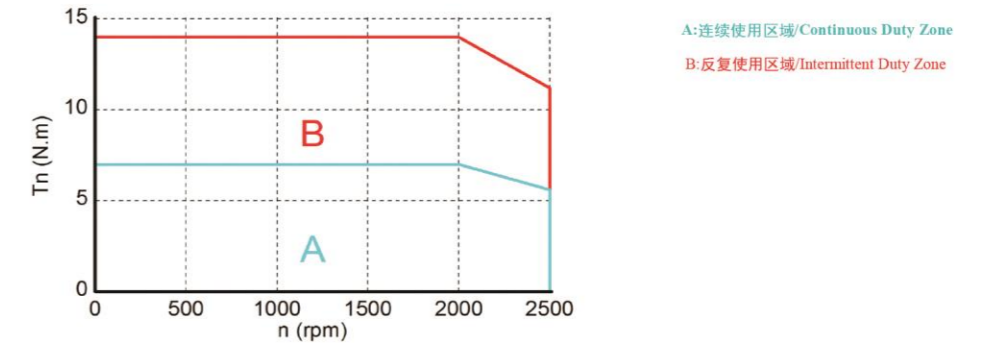
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

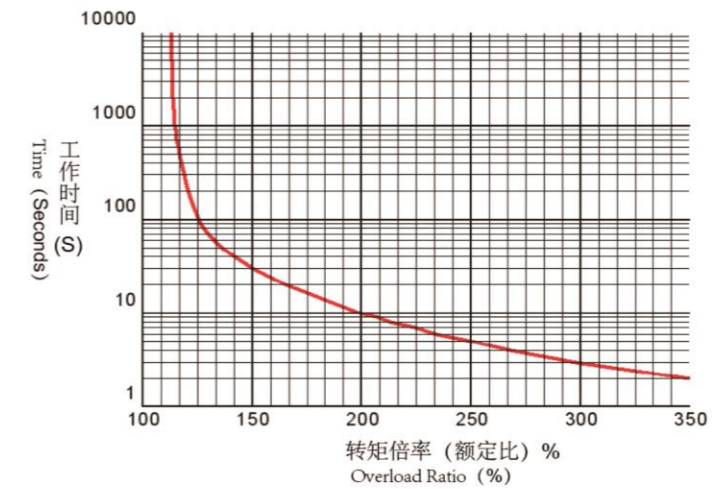


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



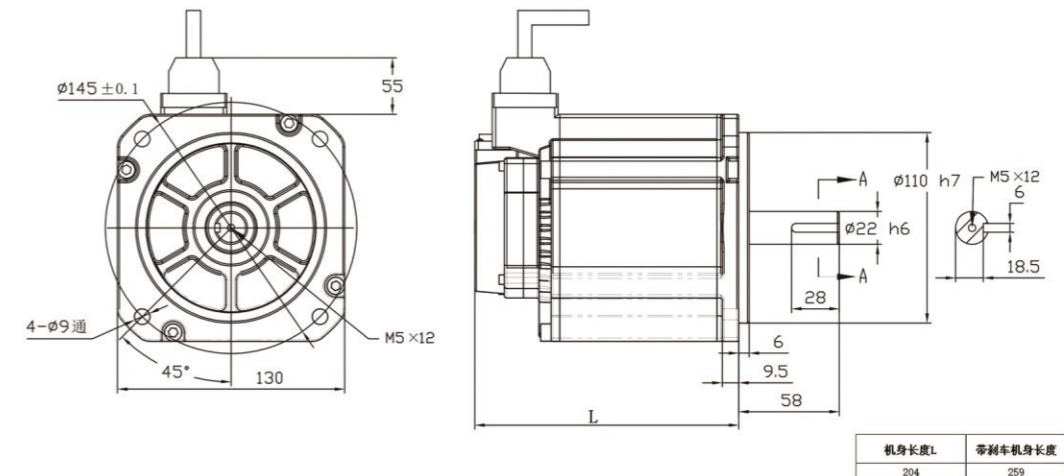
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40°C以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40°C:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: MODEL: **D130M-10030C5-E**
 文档编号: FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	3.1	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	68 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	136 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	10	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	20
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.02 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	8.7 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.14 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	19.5 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁	安装方式: Mouting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

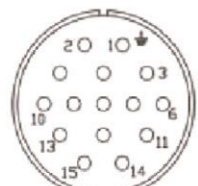
连接器/CONNECTORS

1. 动力插座/Power Line Socket

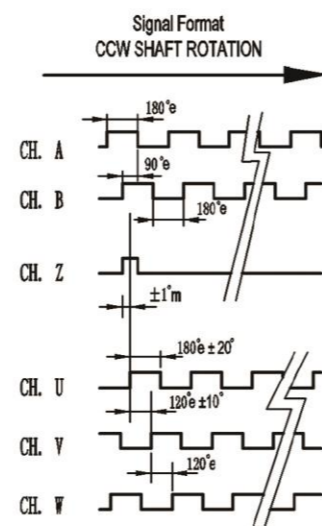
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



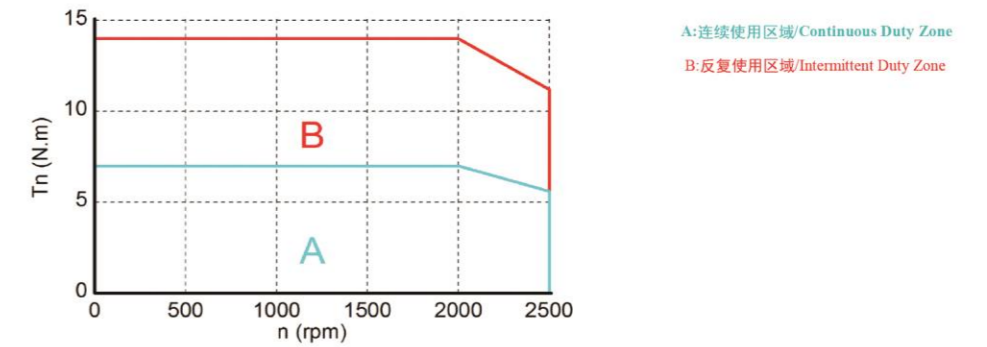
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-

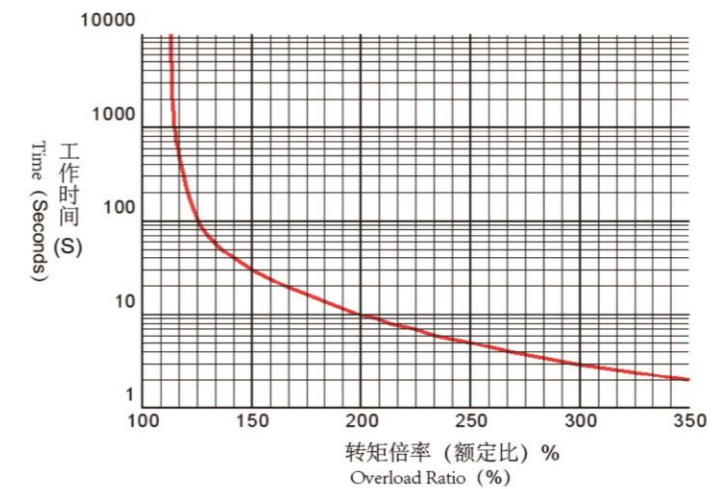


转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



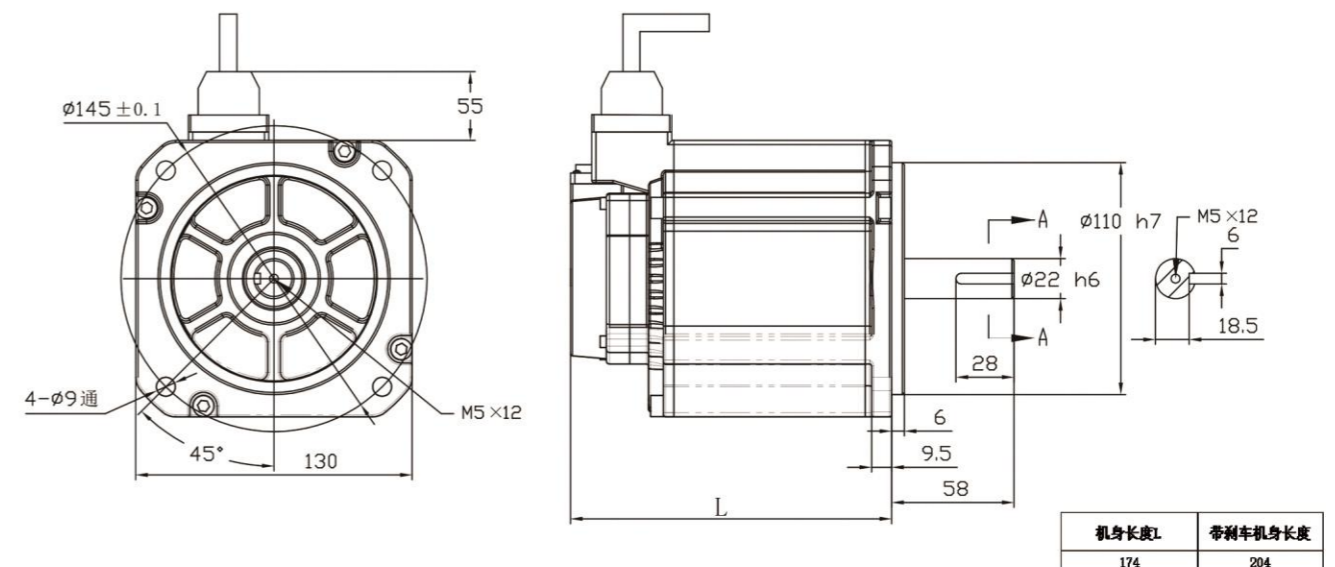
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D130M-14525C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	3.8	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2500	最高转速(rpm): Max. Speed(rpm):	2600
额定电流(A): Rated Current(A):	90 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	180 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	14.5	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	29
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.08 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	10.2 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.17 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

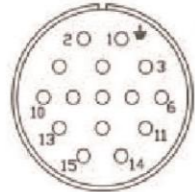
连接器/CONNECTORS

1. 动力插座/Power Line Socket

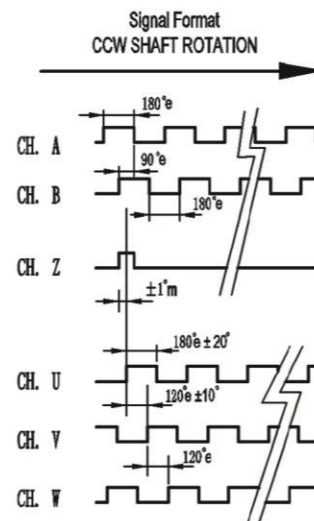
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



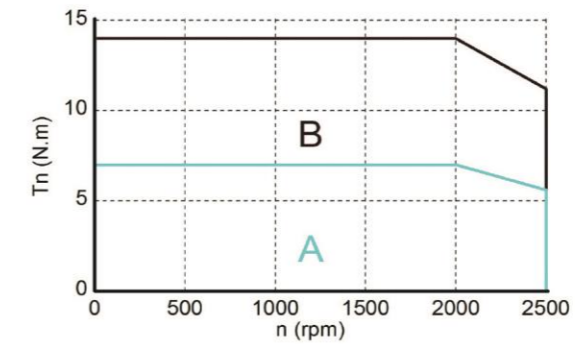
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



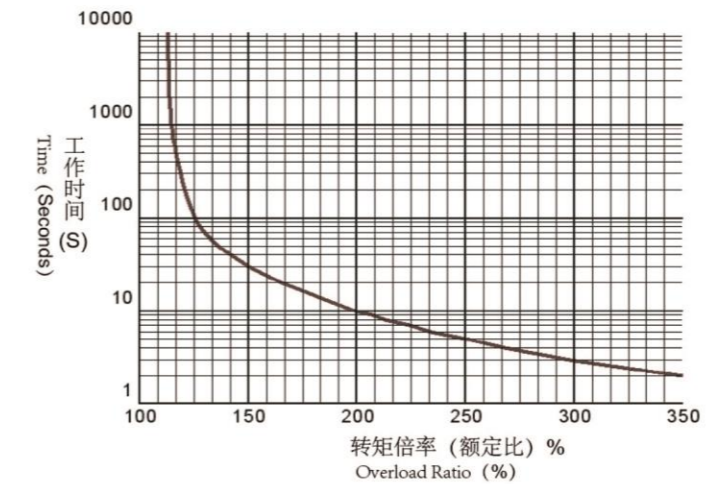
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

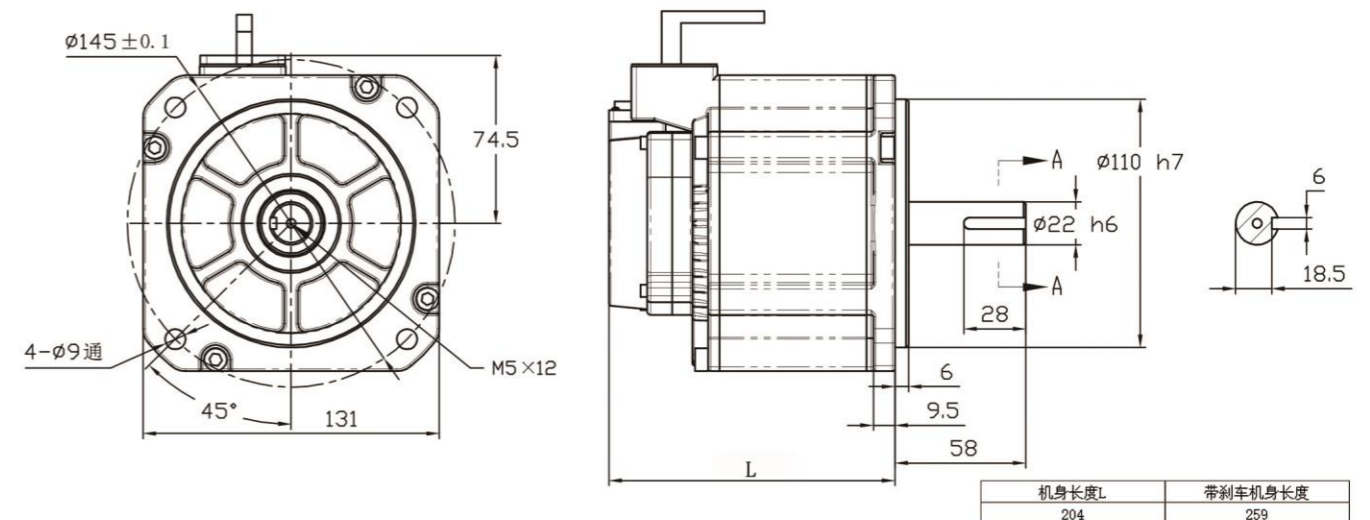
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



电机型号: **D130M-15030C5-E**
 MODEL: **D130M-15030C5-E**
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	4.7	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	115.5	瞬时最大电流(A): Instantaneous Max. Current(A):	231.0
额定扭矩(N.m): Rated Torque(N.m):	15	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	40
最大功率(Kw): Max. Output(Kw):	14.1	线电感(mH): Line Inductance(mH):	0.013 ± 10%
线反电势(V/krpm): Line Back EMF (V/krpm):	13.3	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	28 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+80℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

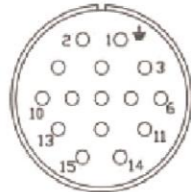
连接器/CONNECTORS

1. 动力插座/Power Line Socket

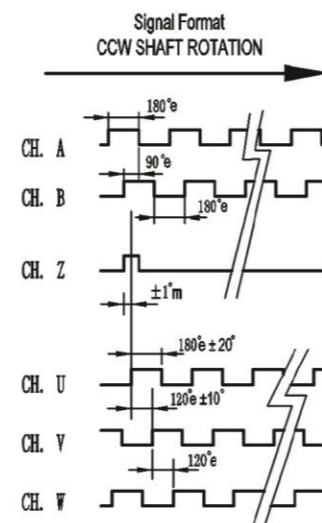
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



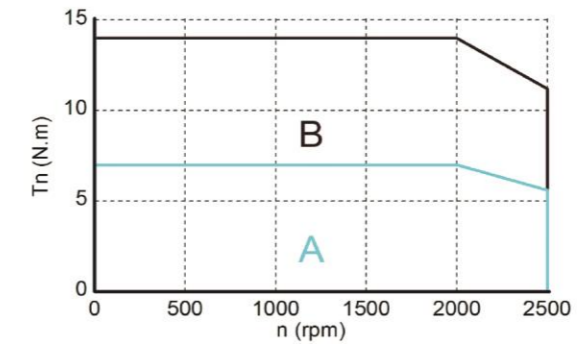
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



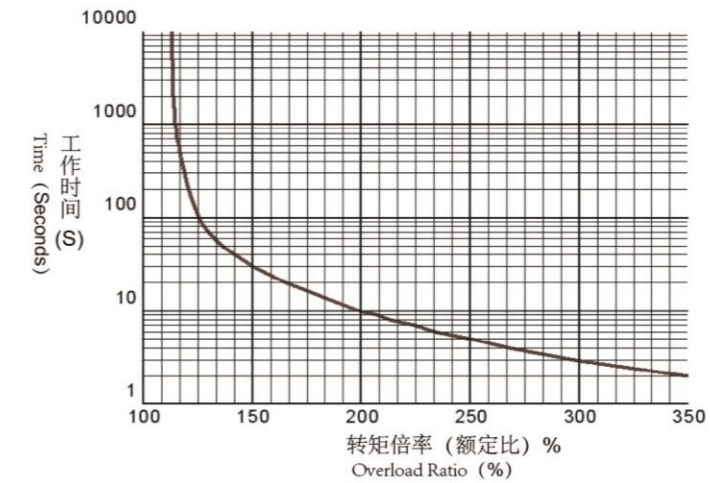
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

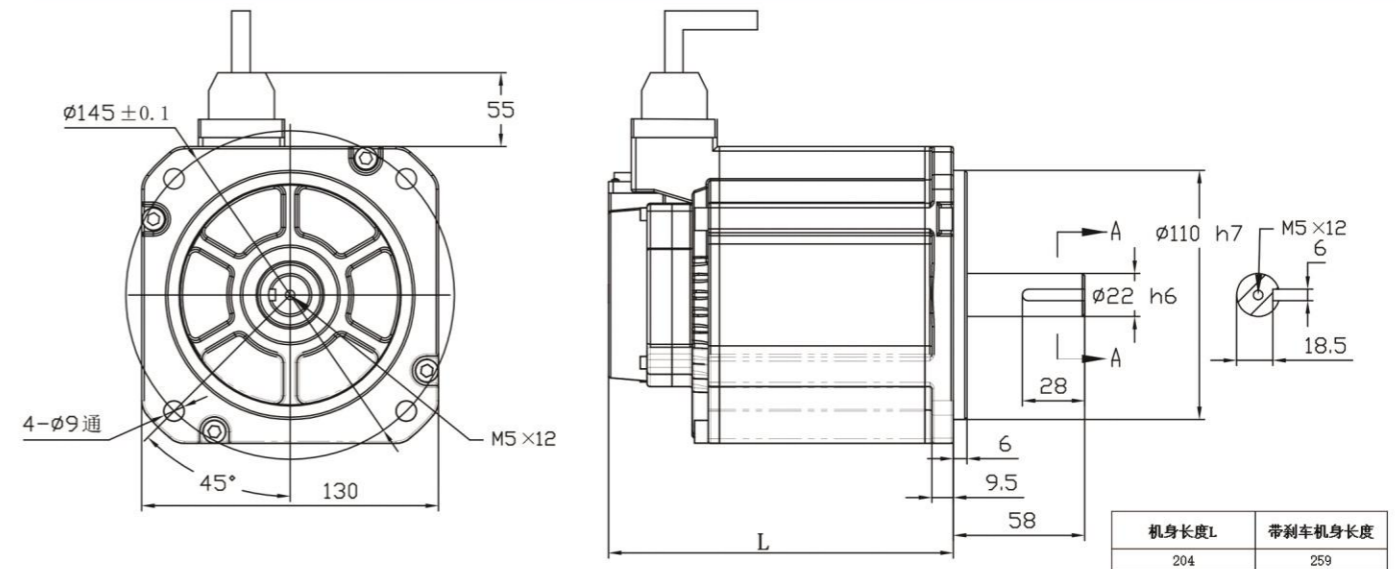
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D130M-15030E5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	4.7	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	144
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	77.0	瞬时最大电流(A): Instantaneous Max. Current(A):	154.0
额定扭矩(N.m): Rated Torque(N.m):	15	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	40
最大功率(Kw): Max. Output(Kw):	14.1	线电感(mH): Line Inductance(mH):	0.019 ± 10%
线反电势(V/krpm): Line Back EMF(V/krpm):	20.0	转矩系数(N.m/A): Torque Coefficient(N.m/A):	0.26 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	28 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

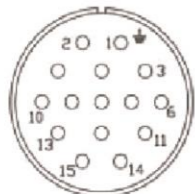
连接器/CONNECTORS

1. 动力插座/Power Line Socket

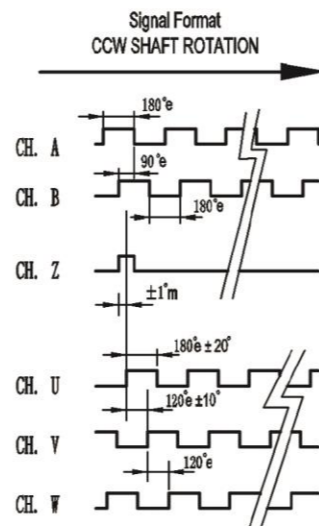
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



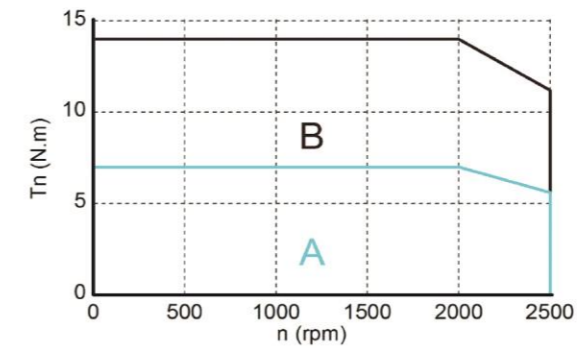
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



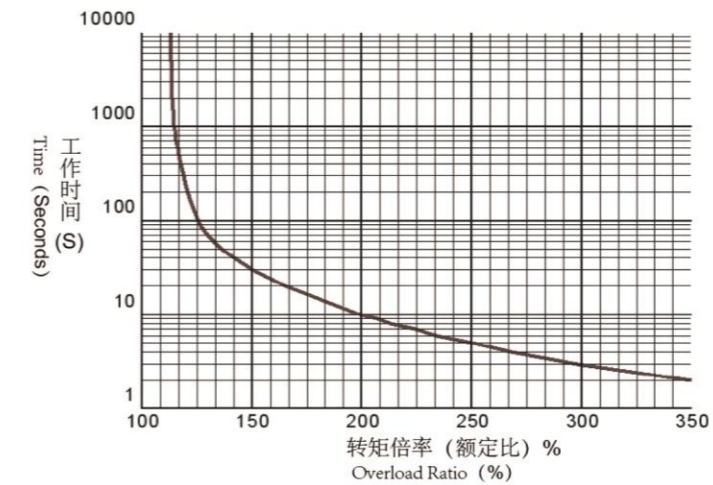
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

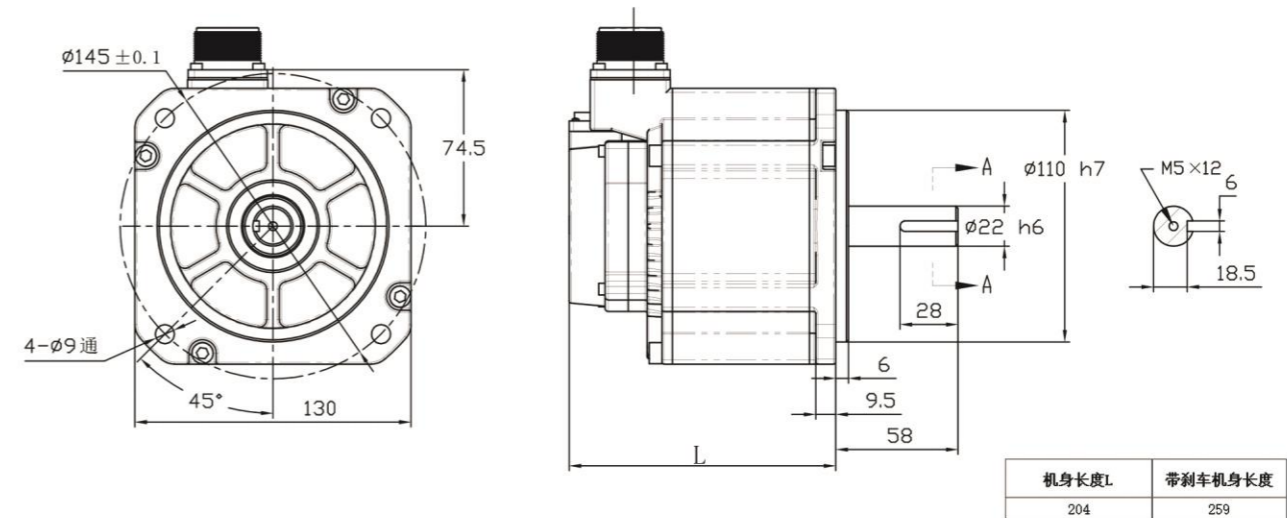
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone.

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-15020C5-E**
 MODEL: **D180M-15020C5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	3	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2100
额定电流(A): Rated Current(A):	70±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	140±10%
额定扭矩(N.m): Rated Torque(N.m):	15	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	30
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.46±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12.5±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

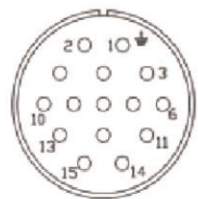
连接器/CONNECTORS

1. 动力插座/Power Line Socket

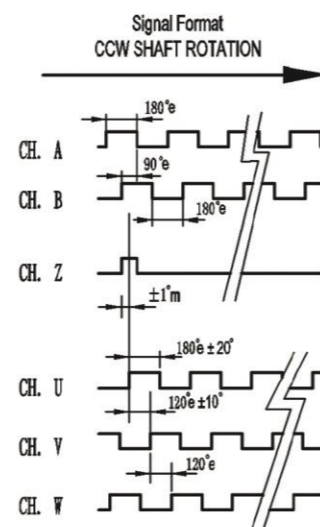
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



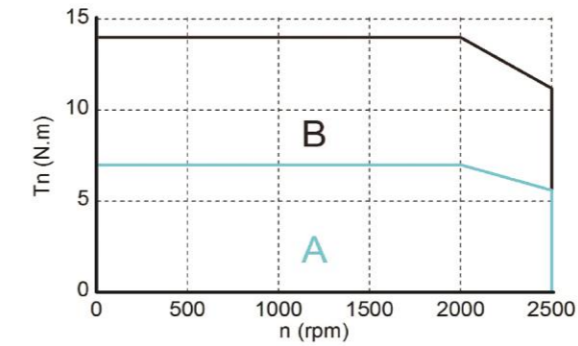
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



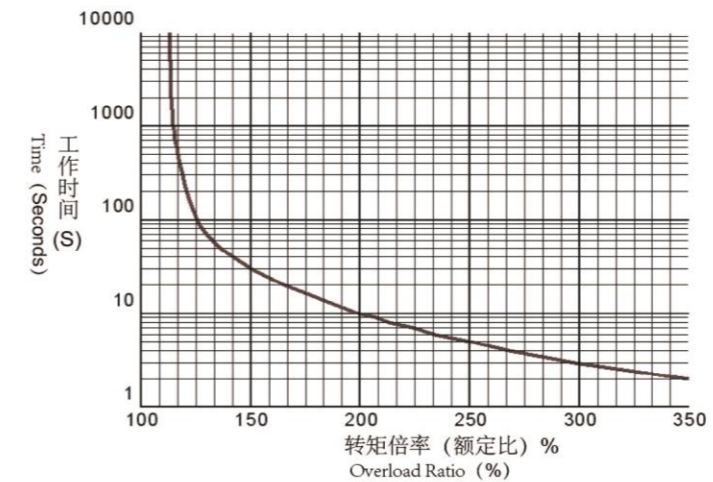
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

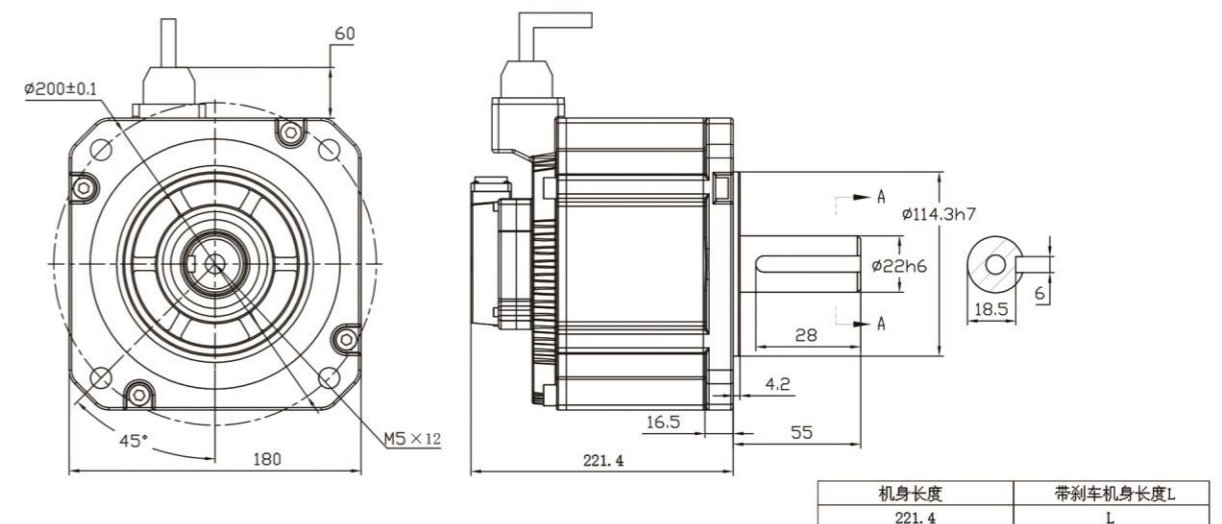
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-19020C5-E**
 MODEL: **D180M-19020C5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	4	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2200
额定电流(A): Rated Current(A):	90 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	180 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	19	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	38
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.37 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	44 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	V 15
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20~80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

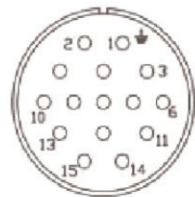
连接器/CONNECTORS

1. 动力插座/Power Line Socket

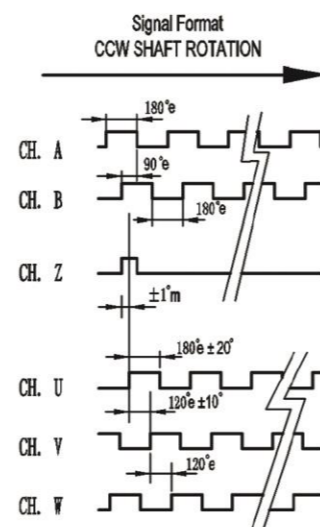
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



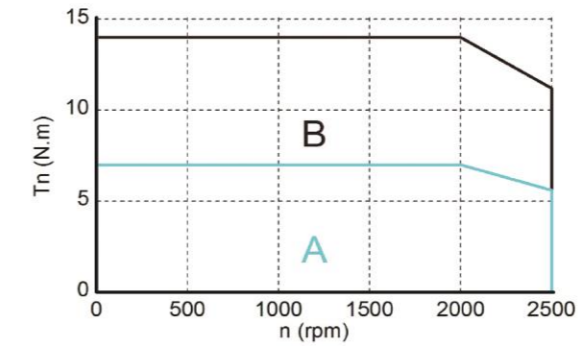
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



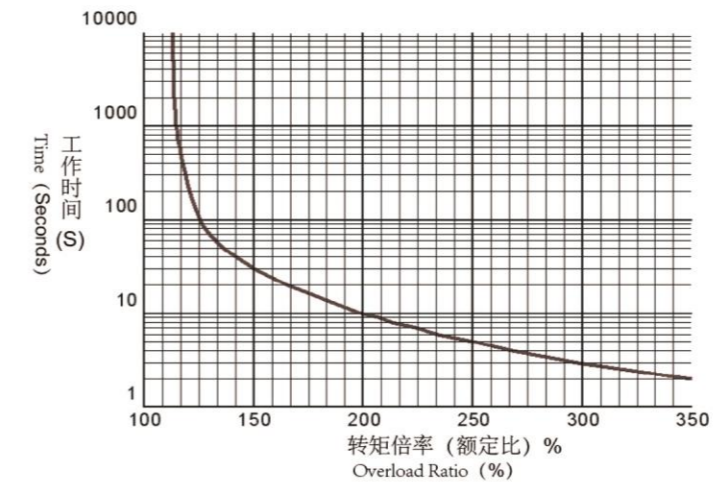
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

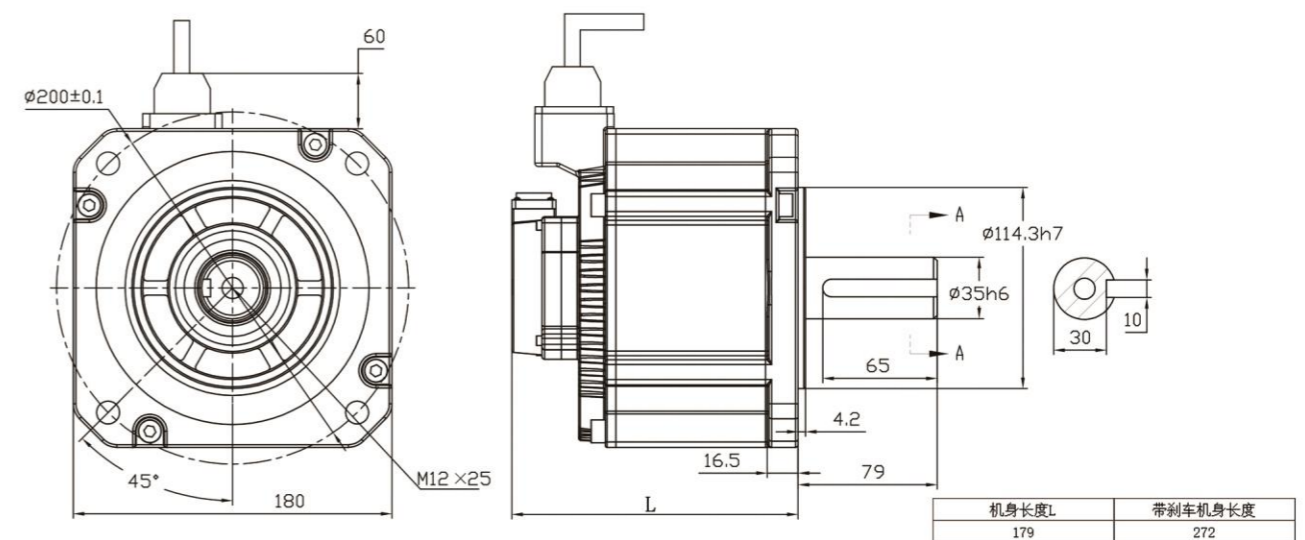
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-28015C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	4.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	1500	最高转速(rpm): Max. Speed(rpm):	1600
额定电流(A): Rated Current(A):	98 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	196 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	28	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	56
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.12 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	17.6 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.29 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	67.5 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

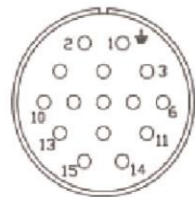
连接器/CONNECTORS

1. 动力插座/Power Line Socket

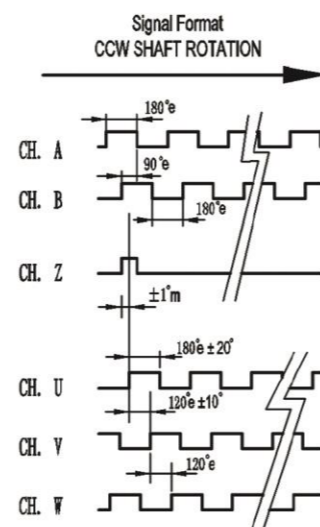
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



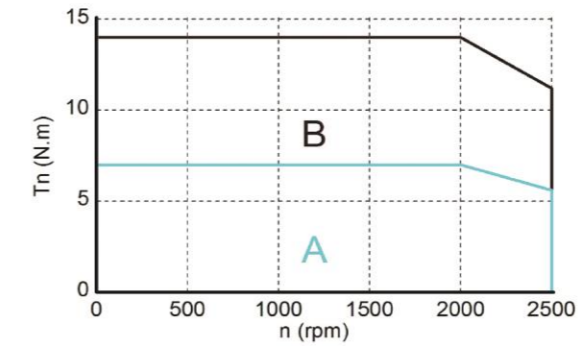
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



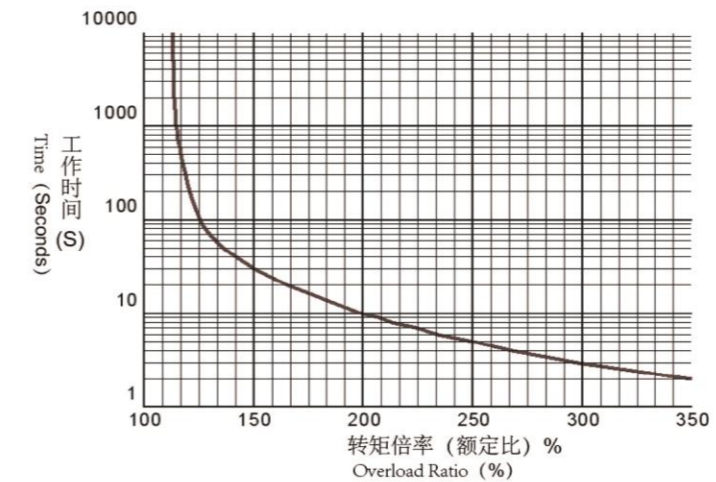
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

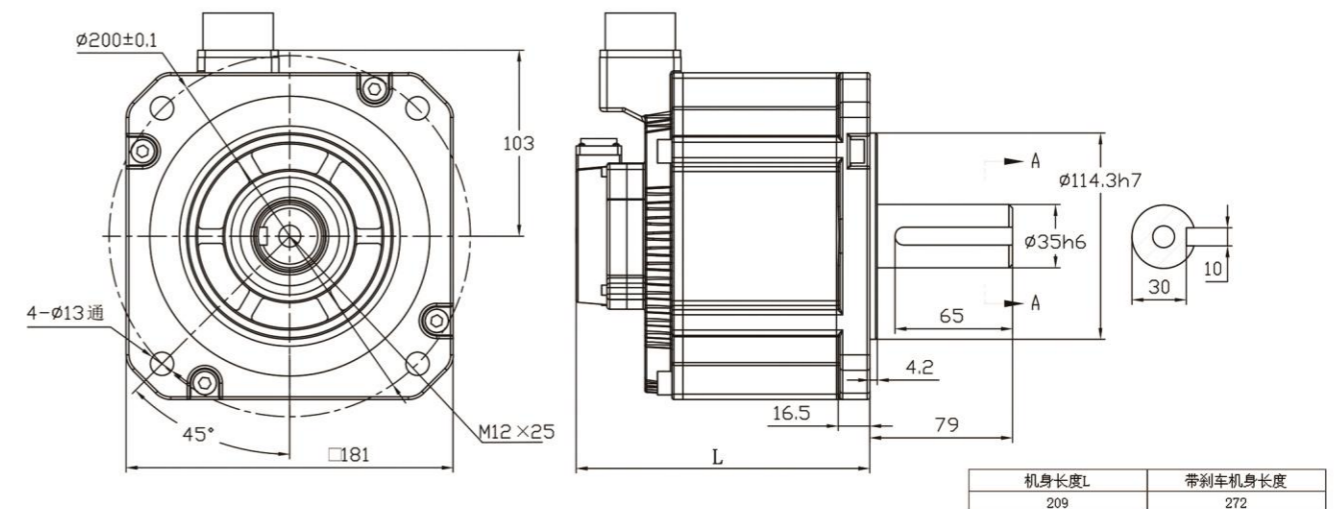
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-21020C5-E**
 MODEL: **D180M-21020C5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	4.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2100
额定电流(A): Rated Current(A):	99±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	198±10%
额定扭矩(N.m): Rated Torque(N.m):	21	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	56
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.12±10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12.9±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.22±10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	67.5±10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

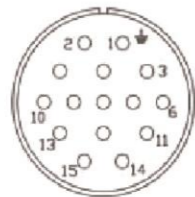
连接器/CONNECTORS

1. 动力插座/Power Line Socket

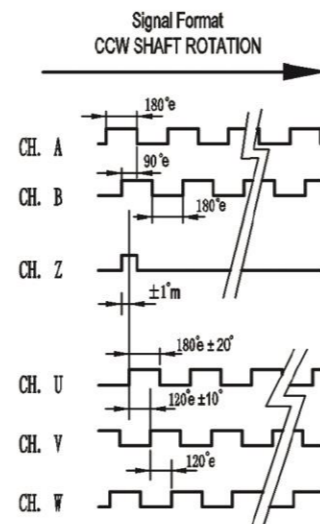
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



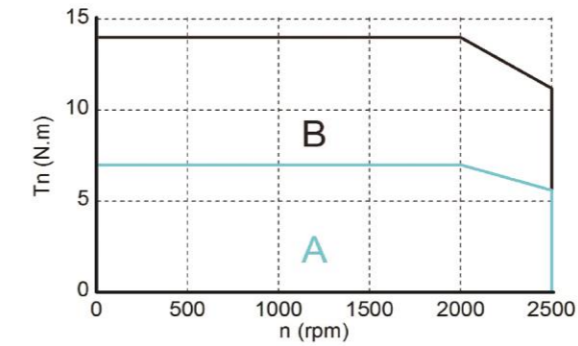
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



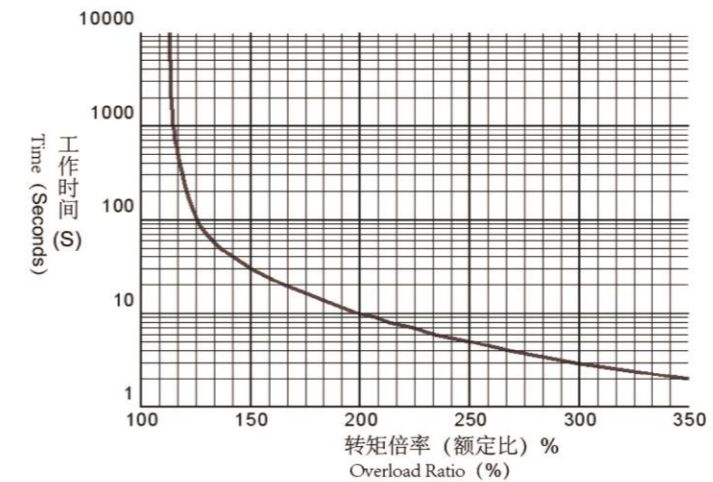
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

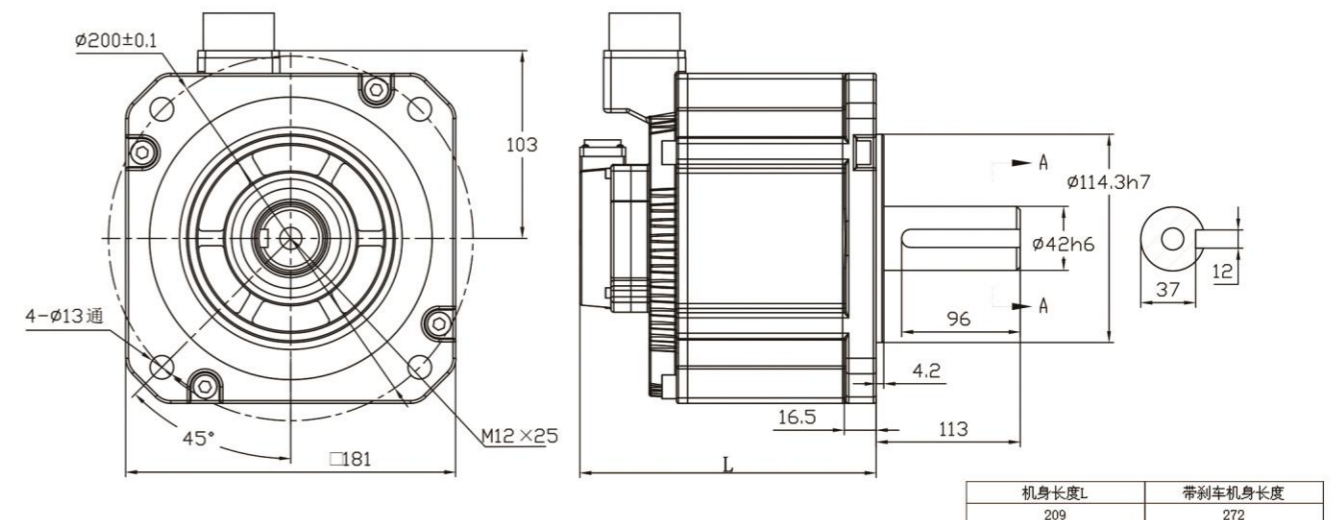
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-16030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	5.0	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3600
额定电流(A): Rated Current(A):	123	瞬时最大电流(A): Instantaneous Max. Current(A):	256
额定扭矩(N.m): Rated Torque(N.m):	16	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	42
最大功率(Kw): Max. Output(Kw):	12.6	线电感(mH): Line Inductance(mH):	
线反电势(V/krpm): Line Back EMF.(V/krpm):	13.3	力矩系数(N.m/A): Torque Coefficient(N.m/A):	
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):		反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400~400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400~400×20.

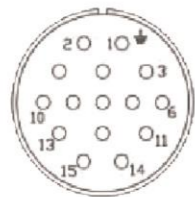
连接器/CONNECTORS

1. 动力插座/Power Line Socket

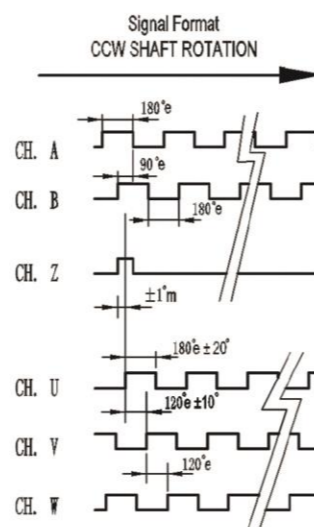
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



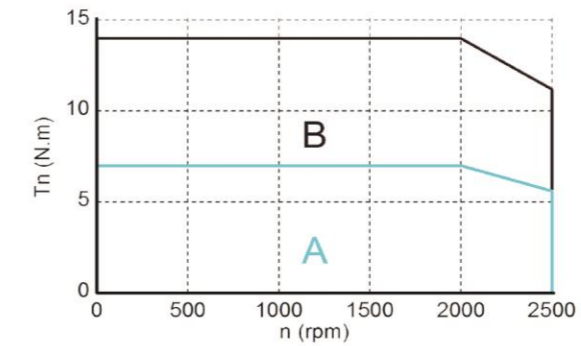
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



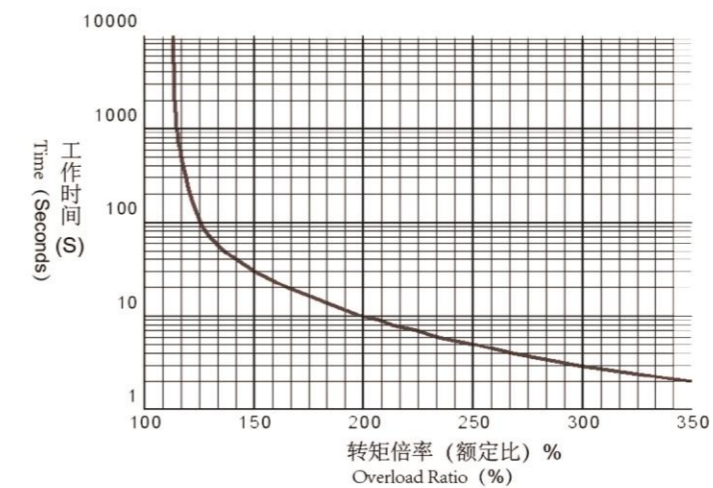
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域 Continuous Duty Zone
 B: 反复使用区域 Intermittent Duty Zone

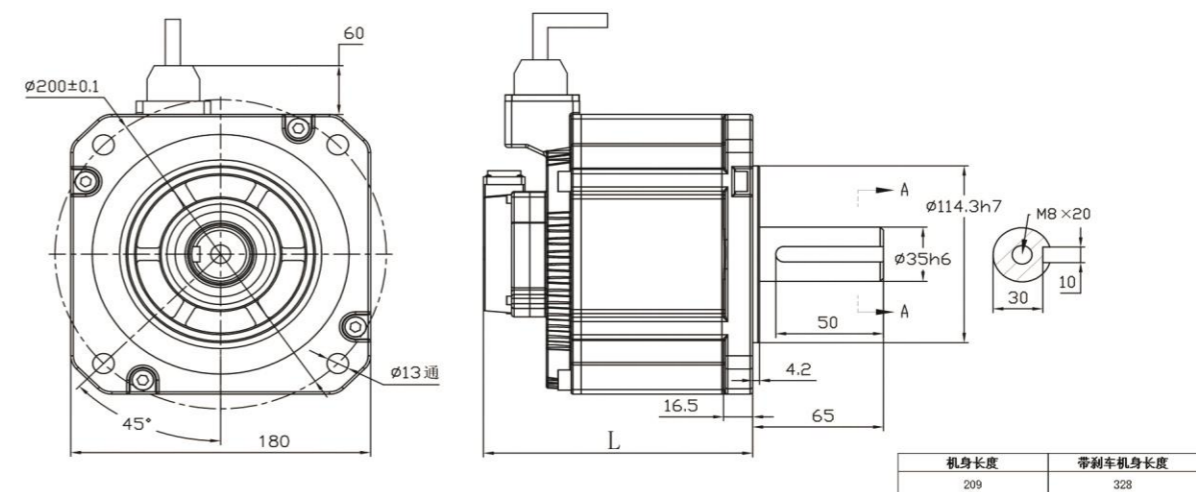
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定 The characteristics is measured in the warm-boot conditions at 40℃:



※1. 上述过载特性并不保证100%以上输出的连续使用 The above characteristics do not supply 100% output for continuous running;
 ※2. 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内 Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-35015E5-E**
 MODEL: **D180M-35015E5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	5.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	1500	最高转速(rpm): Max. Speed(rpm):	1700
额定电流(A): Rated Current(A):	100 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	200 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	35	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	70
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.54 ± 10%
线反电势(V/krpm): Line Back EMF(V/krpm):	22.5 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.38 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	87 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

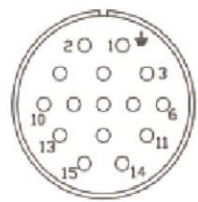
连接器/CONNECTORS

1. 动力插座/Power Line Socket

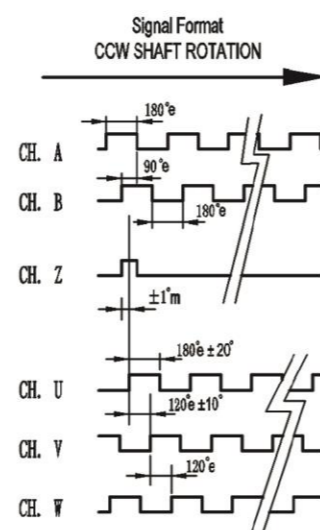
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



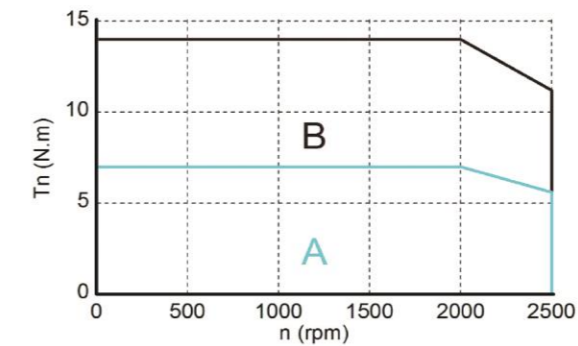
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



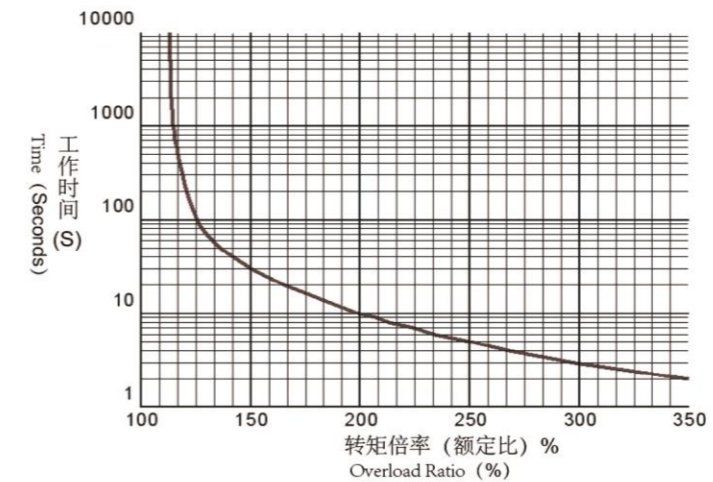
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

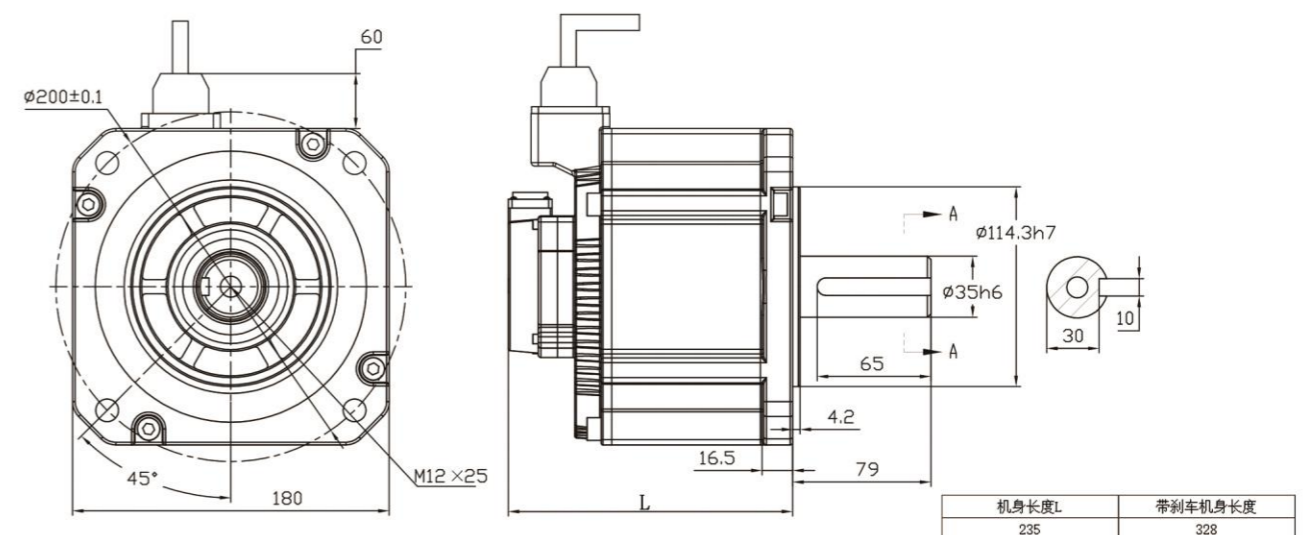
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-28020C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	5.8	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2200
额定电流(A): Rated Current(A):	132 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	264 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	28	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	56
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.22 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	12.5 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.2 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	65 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

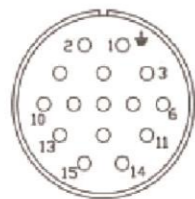
连接器/CONNECTORS

1. 动力插座/Power Line Socket

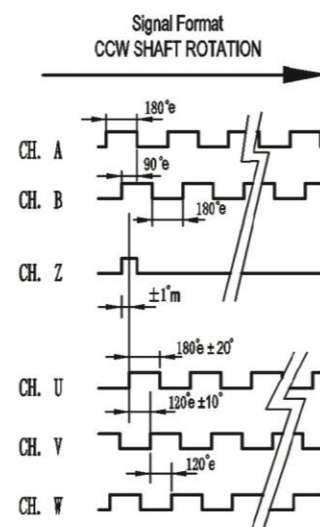
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



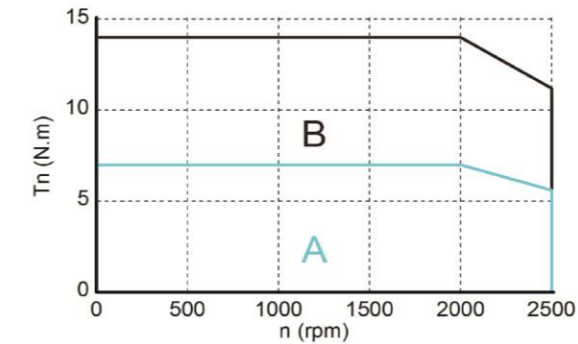
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



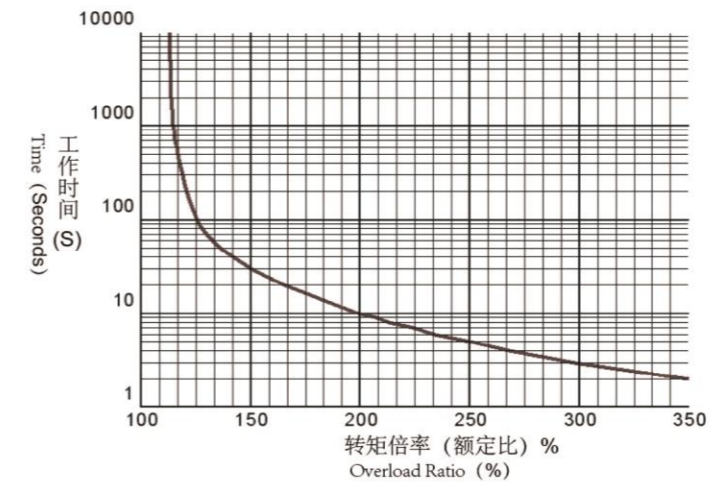
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

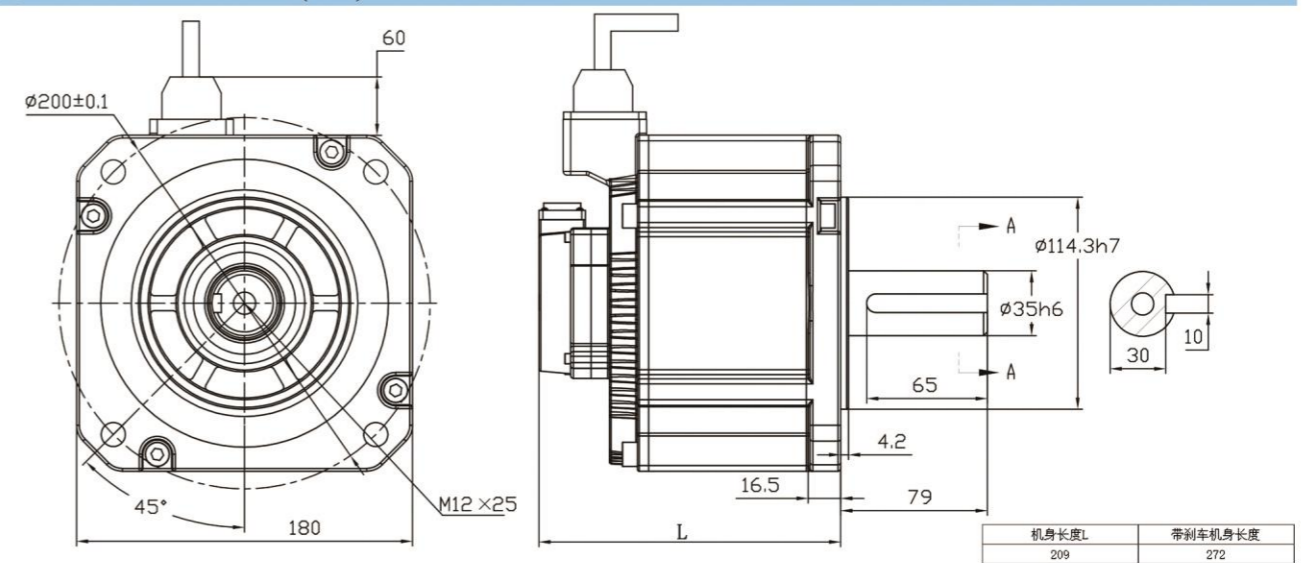
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



注: 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。/Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.

电机型号: **D180M-38030C5-E**
 MODEL: _____
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	6	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	48	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	140 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	280 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	19	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	38
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.15 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	8.4 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.14 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	44 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

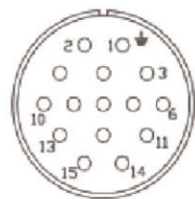
连接器/CONNECTORS

1. 动力插座/Power Line Socket

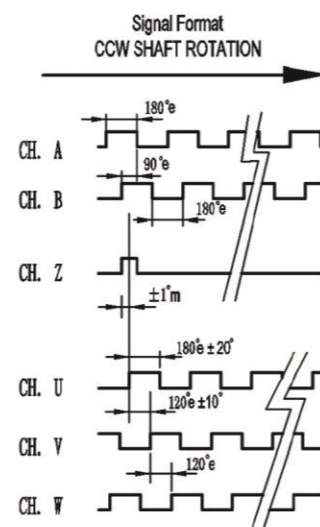
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



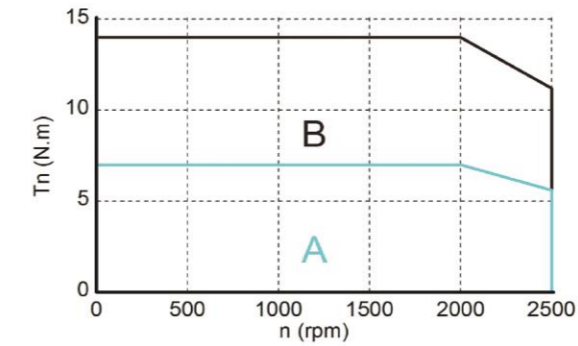
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



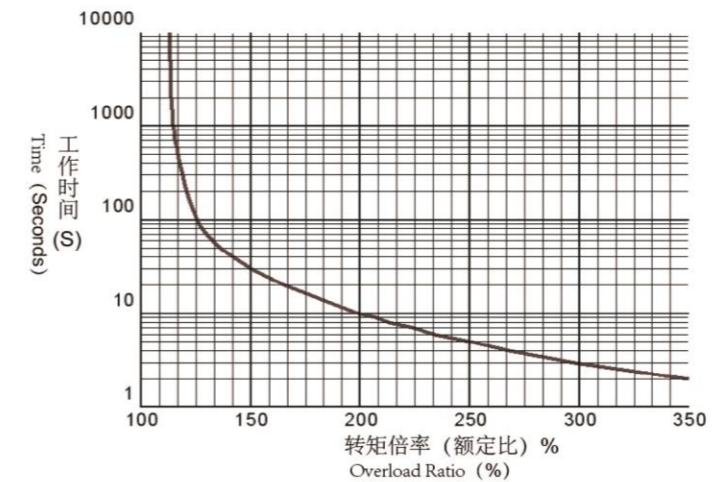
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

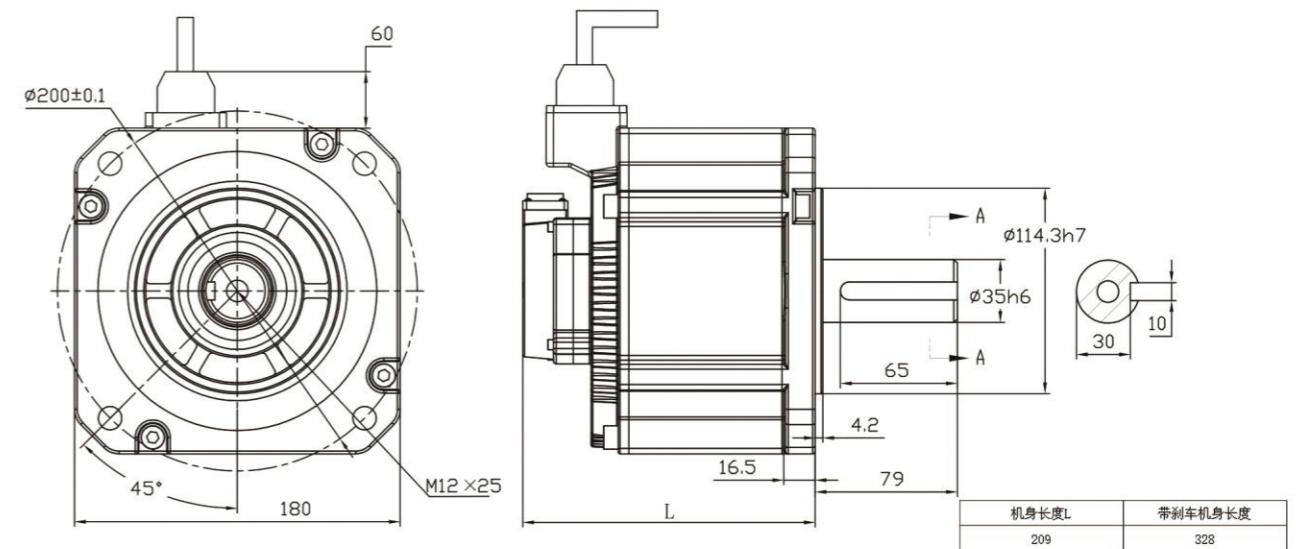
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



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电机型号: **D180M-48015E5-E**
 MODEL: **D180M-48015E5-E**
 文档编号: _____
 FILE NUM.: _____



基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	7.5	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	1500	最高转速(rpm): Max. Speed(rpm):	1600
额定电流(A): Rated Current(A):	105 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	210 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	48	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	96
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.56 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	28.1 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.46 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	131 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65(轴贯通部分除外) Totally Enclosed, Self-cooled, IP65(except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

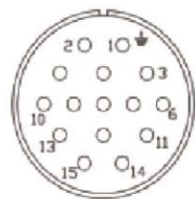
连接器/CONNECTORS

1. 动力插座/Power Line Socket

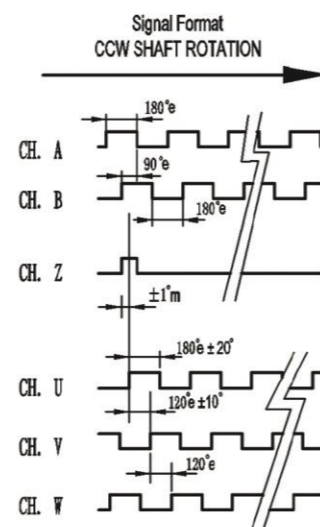
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



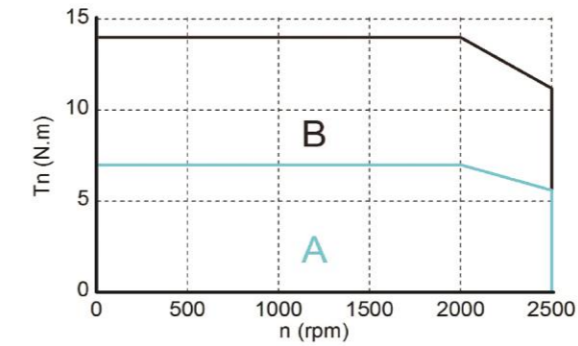
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



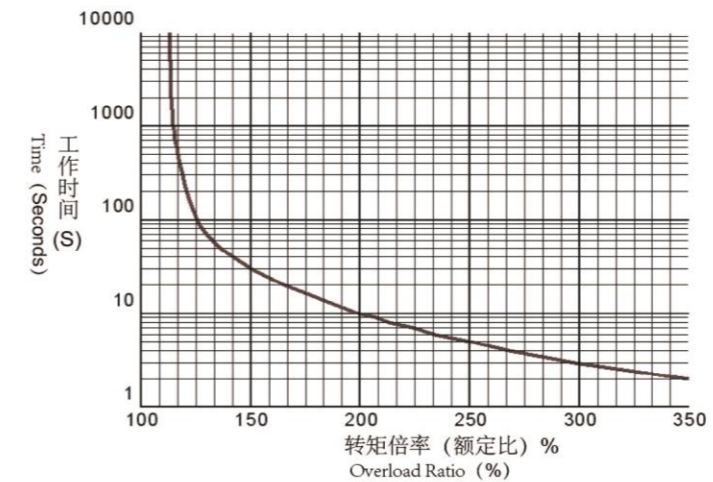
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

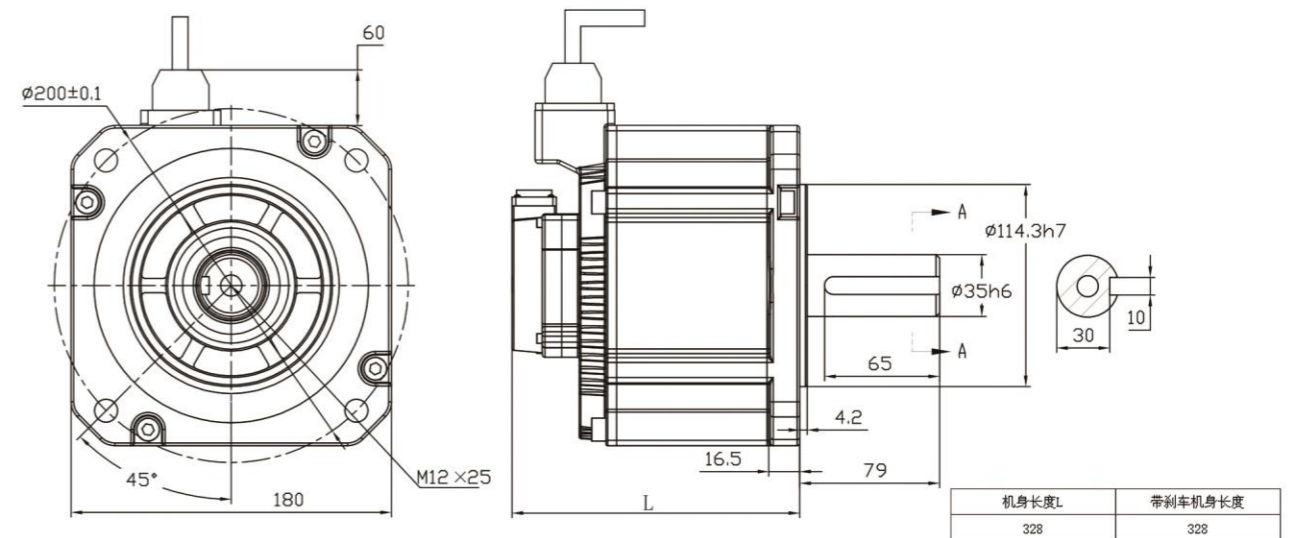
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



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电机型号: **D180M-48020E5-E**
 MODEL: **D180M-48020E5-E**
 文档编号: _____
 FILE NUM.: _____

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	10	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	2000	最高转速(rpm): Max. Speed(rpm):	2100
额定电流(A): Rated Current(A):	150 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	300 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	48	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	96
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.01 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	19 ± 10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.32 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	131 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	20-80%不结露
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

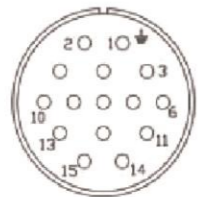
连接器/CONNECTORS

1. 动力插座/Power Line Socket

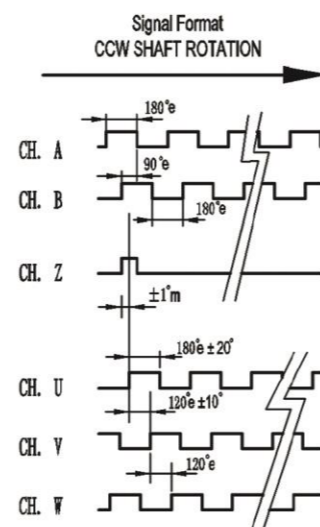
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



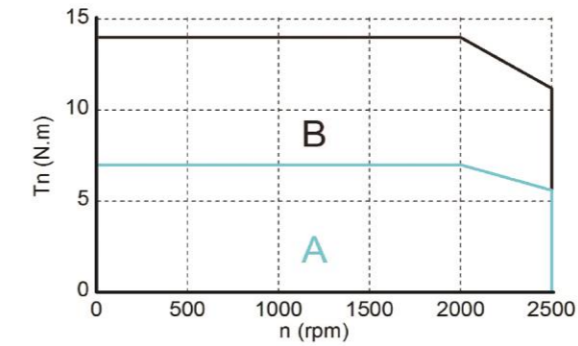
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



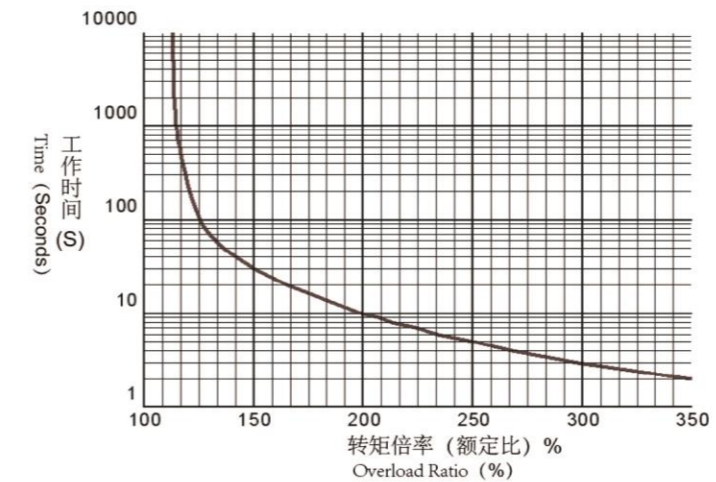
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A: 连续使用区域/Continuous Duty Zone
 B: 反复使用区域/Intermittent Duty Zone

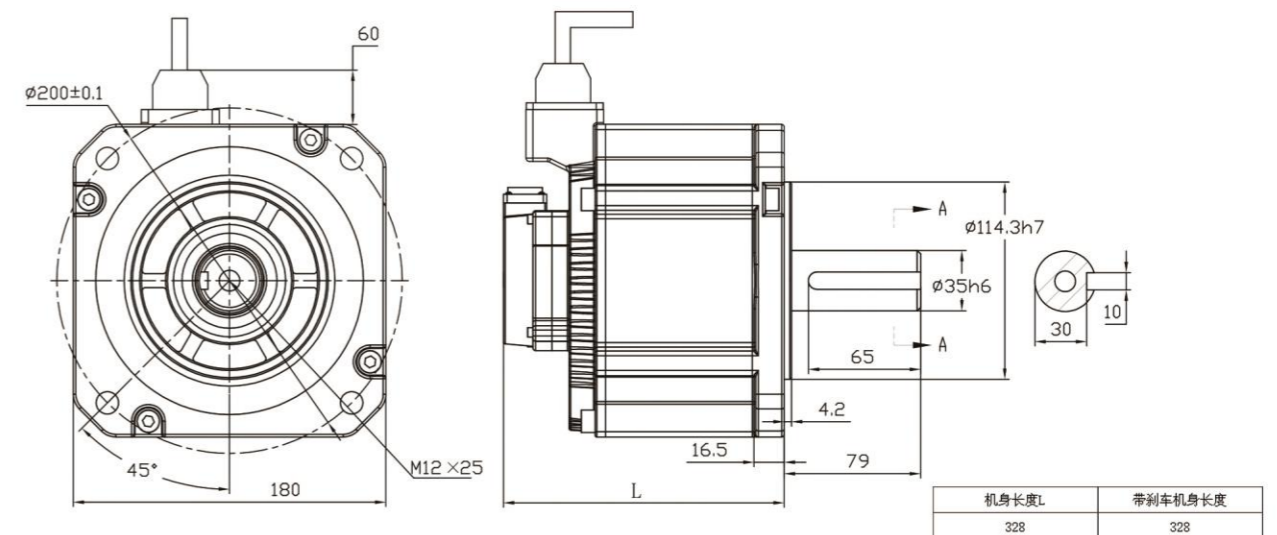
过载特性曲线/OVERLOAD CHARACTERISTICS

工作时间在电机环境温度40℃以及热起动的条件下设定/The characteristics is measured in the warm-boot conditions at 40℃:



※1: 上述过载特性并不保证100%以上输出的连续使用/The above characteristics do not supply 100% output for continuous running;
 ※2: 使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



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电机型号: MODEL: **D180M-35030E5-E**
 文档编号: FILE NUM.:

基本参数/BASIC PARAMETERS

额定功率(Kw): Rated Output(Kw):	11	极数: Number of Poles:	10
额定电压(V): Rated Voltage(V):	72	耐热等级: Vibration Class:	F
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3100
额定电流(A): Rated Current(A):	155 ± 10%	瞬时最大电流(A): Instantaneous Max. Current(A):	310 ± 10%
额定扭矩(N.m): Rated Torque(N.m):	35	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	70
最大功率(Kw): Max. Output(Kw):		线电感(mH): Line Inductance(mH):	0.14 ± 10%
线反电势(V/krpm): Line Back EMF.(V/krpm):	14 ± 10%	转矩系数(N.m/A): Torque Coefficient(N.m/A):	0.23 ± 10%
转子惯量(Kg.m ² ×10 ⁻⁴): Rotor Moment of Inertia(Kg.m ² ×10 ⁻⁴):	131 ± 10%	反馈元件: Feedback Component:	2500PPR增量式
绝缘电阻(MΩ): Insulation Resistance(MΩ):	> 20MΩ DC500V	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
工作时间: Time rating:	连续 Continuous	振动等级: Vibration Class:	
环境温度: /Ambient Temperature:	-20~+40℃	环境湿度: Ambient Humidity:	
励磁方式: Excitation:	永磁	安装方式: Mounting:	法兰式 Flange Method
连接方式: Drive Method:	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
保护方式: Enclosure:	全封闭, 自冷IP65 (轴贯通部分除外) Totally Enclosed, Self-cooled, IP65 (except for shaft opening).		
旋转方向: Rotation Direction:	正转指令从负载侧看为逆时针方向旋转 Counterclockwise (CCW)		

※额定转矩表示安装在400×400×20的铁制散热板上且在环境温度40℃时的连续容许转矩值。/Rated torque is the continuous allowable torque at 40℃ with an Fe heatsink of 400×400×20.

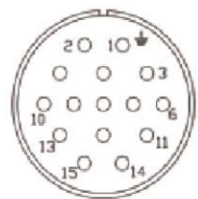
连接器/CONNECTORS

1. 动力插座/Power Line Socket

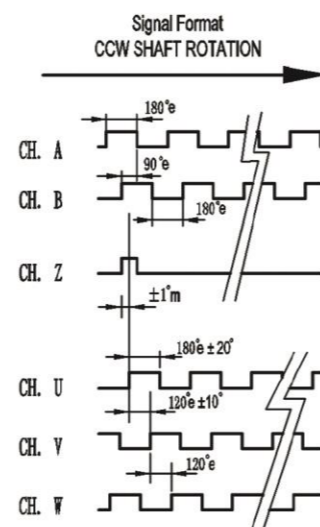
插座编号 Socket Numbers	1	2	3	4
信号引线 Signal leads	PE	U	V	W



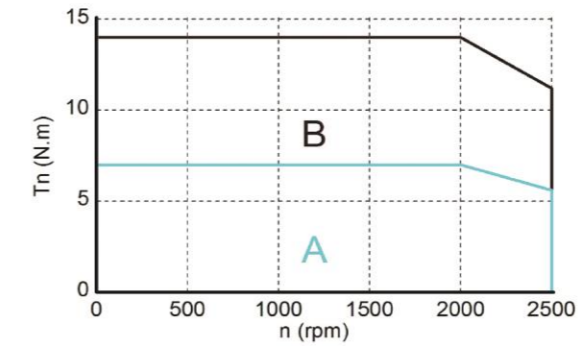
2. 编码器插座/Encoder Socket



插座编号 Socket Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
信号引线 Signal leads	PE	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-



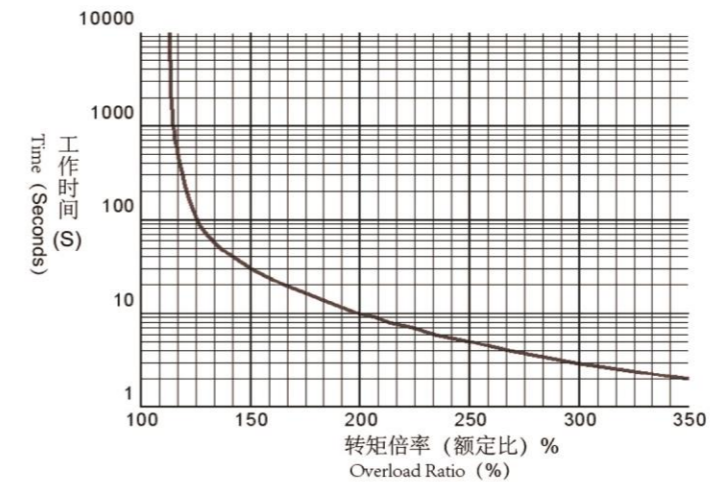
转矩—转速特性/TORQUE-SPEED CHARACTERISTICS



A:连续使用区域/Continuous Duty Zone
 B:反复使用区域/Intermittent Duty Zone

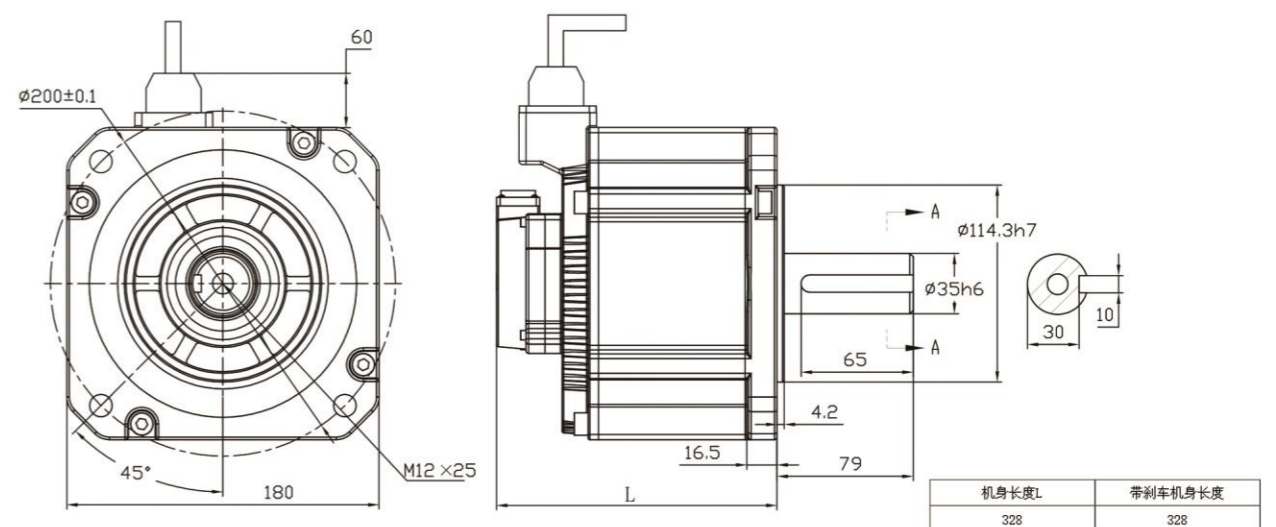
过载特性曲线/OVERLOAD CHARACTERISTICS

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 ※2:使用时, 请确保有效转矩在“转矩—转速特性”的连续使用范围内/Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone

机械尺寸/External Dimensions(mm)



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直流伺服驱动器



DC系列

驱动直线、力矩、音圈、有刷、无刷伺服电机

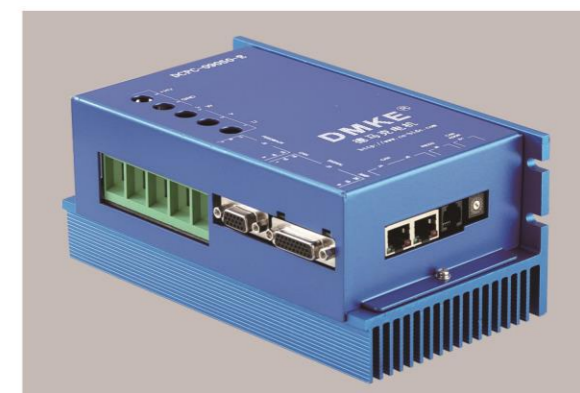
CANOPEN

简介

DC系列可编程智能伺服驱动器是一款通用、高性能、直流供电、结构紧凑的全数字伺服驱动器，最大功率可达1.5KW,集可编程运动控制、PLC、伺服驱动功能于一体。

主要应用于直线(DDL)、力矩(DDR)、音圈、有刷、无刷伺服电机的位置、速度、转矩控制。

它能以独立可编程控制 (Stand-alone)、外部控制、或分布式网络控制三种模式运行，可支持增量编码器、模拟量正余弦(Sin/Cos)编码器、旋转变压器(Resolver)、数字霍尔反馈。



数字控制

数字控制环	电流、速度、位置，100%数字环控制；使用第二编码器输入的双位置环控制
采样频率（时间）	电流环：15KHz(66.7μs)；速度/位置环：3KHz(330μs)
通信	正弦磁场定向控制或者从 Hall 到无刷电机的梯形控制
调制	带中心加权的空间矢量 PWM 调制
宽带	电流环一般为 2.5kHz，随参数调整与负载电感有所变化
HV补偿	改变总线电压(HV)不影响带宽
最小负载电感	50 μH 线电感

主要应用

高速贴片机，精密点胶机，固晶机，激光切割机，机器人，数控机床，医疗设备，半导体及组装设备，印刷、包装、纺织、航空、航天等要求高速、高精度、高动态响应、低噪音、中大型自动化设备。

配置与调整软件

基于Windows操作系统电机与传感器参数配置；自动定相自动或手动调整PID参数试运行；示波器实时分析评估；错误报警记录；参数状态监控；运动序列编程，灵活快捷，简单易用；

DC系列

驱动直线、力矩、音圈、有刷、无刷伺服电机

CANOPEN

技术参数

控制驱动直线 (DDL)、力矩 (DDR)、音圈、有刷、无刷伺服电机

控制模式

*Indexer, Point-to-Point, PVT *电子凸轮, 电子齿轮 *位置, 速度, 力矩

命令 & 通讯

独立可编程控制(Stand - alone)

- * 简单、直观的编程工具
- * 32个可编程运动序列
- * 可编程优先级, 可由数字输入或32个寄存器选择与执行运动序列
- * 通过RS232/CAN通信可访问32个寄存器
- * 可编程上电自动运行程序
- * 可编程运动错误响应类型

分布式网络控制

*CANopen DS-402(CAN2.0B, 1MBit/s) ; *RS-232 ASCII;

外部控制

- * 步进脉冲(脉冲/方向, CW/CCW, 单端输入, 最大速率为2M)
- * 模拟量±10V: 位置/速度/力矩(差分输入, 12位分辨率)
- * PWM: 速度/力矩 (1-100KHz, 最小脉宽220ns)
- * 编码器A/B(最大速率 2M line/s , 4倍频后8M)

反馈

- * 数字A/B正交编码器(-E, 最大速率5M line/s)
- * 模拟 sin/cos 编码器(-S) 可选
- * 数字霍尔(-H(U/V/W, 120度电气相位差))
- * 辅助编码器输入/输出(全闭环控制/-OP)
- * 旋转变压器(-R) 可选

I/O

数字12路输入, 3路输出

保护

过流、过压、欠压、短路、接地、过温、I2t、控制错误等

尺寸: 168 x 99 x 31 mm

DC系列

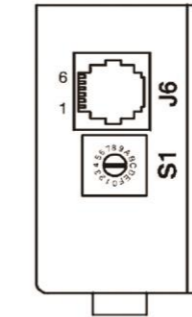
驱动直线、力矩、音圈、有刷、无刷伺服电机

CANOPEN

驱动器端子定义

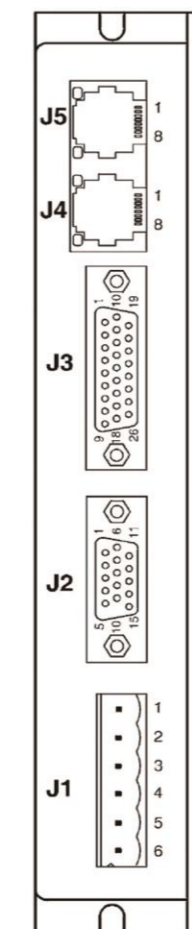
J6 RS-232调试用

脚位	定义
1	No Connection
2	RxD
3	Signal Ground
4	Signal Ground
5	TxD
6	No Connection



J4-J5 CAN通信链接

脚位	定义
1	CAN_H
2	CAN_L
3	CAN_GND
4	No Connection
5	Reserved
6	(CAN_SHLD) ¹
7	CAN_GND
8	(CAN_V+) ¹



J3 控制信号端子

脚位	定义	脚位	定义
1	大地	10	[IN6] 自定义
2	模拟量输入-	11	[IN7] 自定义
3	模拟量输入+	12	[IN8] 自定义
4	[IN1] 使能	13	[IN9] 自定义
5	[IN2] 自定义	14	[IN10] 自定义
6	[IN3] 自定义	15	[IN5] 电机温度
7	[IN4] 自定义	16	[OUT1] 自定义
8	[IN11] 自定义	17	[OUT2] 自定义
9	[IN12] 自定义	18	[OUT3] 自定义

脚位	定义
19	0V
20	+5 V
21	脉冲输出Z-
22	脉冲输出Z+
23	脉冲输出B-
24	脉冲输出B+
25	脉冲输出A-
26	脉冲输出A+

J2 电机编码器反馈

脚位	定义	脚位	定义
1	SIN+	6	V
2	SIN-	7	Z-
3	U	8	Z+
4	+5 V	9	W
5	0V	10	COS+

脚位	定义
11	B-
12	B+
13	A-
14	A+
15	COS-

J1 电机电源

脚位	定义
1	U
2	V
3	W
4	0V
5	DC20-90
6	辅助电源

DC系列

驱动直线、力矩、音圈、有刷、无刷伺服电机

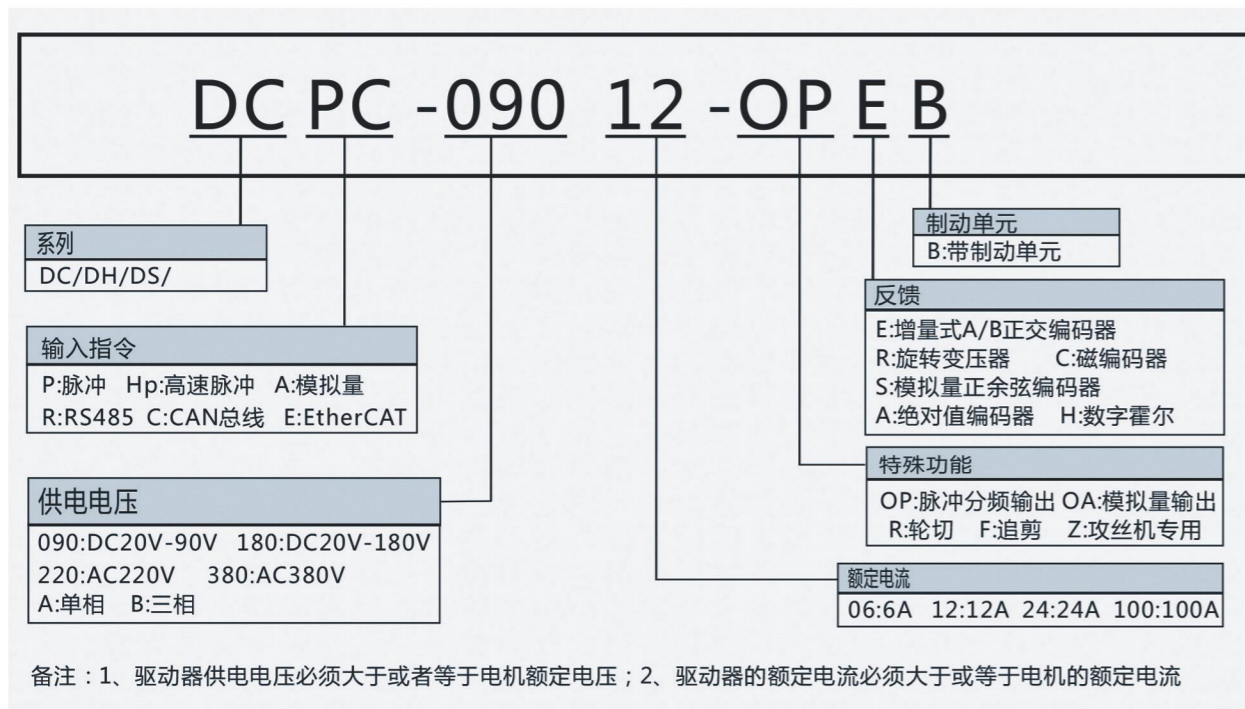
CANOPEN

DC系列

驱动直线、力矩、音圈、有刷、无刷伺服电机

CANOPEN

直流伺服驱动器型号说明



直流伺服驱动器选型

驱动器型号	供电电压 (DC)	电流IC (A)	峰值电流IP(A)	编码器类型
DCPX-090/18006-E/H	20~90V/180V	6A	18A	增量式/数字霍尔
DCPX-090/18012-E/H	20~90V/180V	12A	36A	增量式/数字霍尔
DCPX-090/18024-E/H	20~90V/180V	24A	50A	增量式/数字霍尔
DCPX-09030-E/H	20~90V	30A	60A	增量式/数字霍尔
DCPX-090/18050-E/H	20~90V/180V	50A	100A	增量式/数字霍尔
DCPX-09075-E/H	20~90V	75A	150A	增量式/数字霍尔
DCPX-090100-E/H	20~90V	100A	150A	增量式/数字霍尔
DCPX-090150-E/H	20~90V	150A	200A	增量式/数字霍尔

备注：1、驱动器的供电电压必须大于或等于电机的额定电压；
2、驱动器的额定电流必须大于或等于电机的额定电流；

安装尺寸图

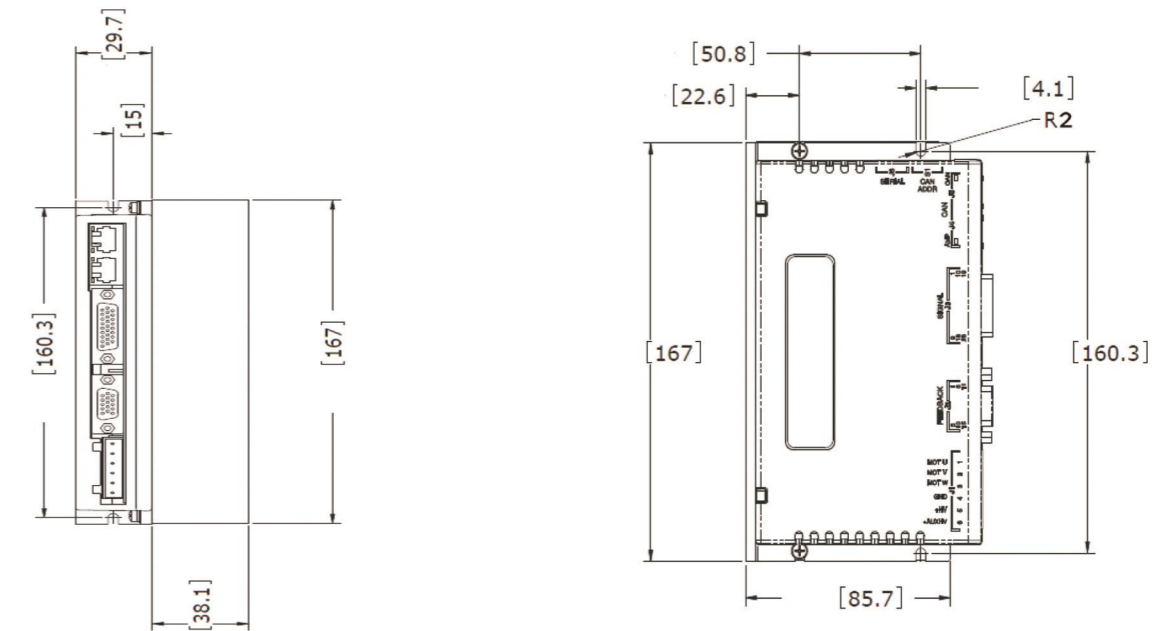


图1(DC: 6A/12A/16A/24A/30A)

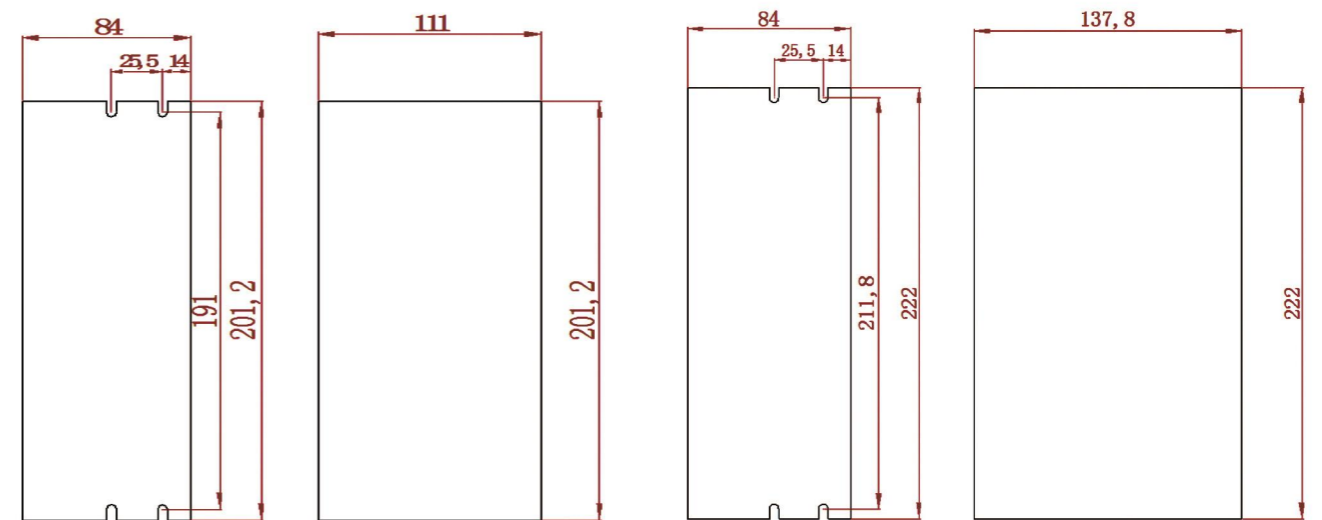


图2(DC:50A/75A/100A)

图3(DC:150A)

DC系列

驱动直线、力矩、音圈、有刷、无刷伺服电机 **CANOPEN**

低压伺服电机规格型号汇总

型号	产品规格
D28M-0100218	28 # 30W/1N. m/24V/210rpm

D40M-R1630A5-E	40 # 50W/0. 16N. m/24V/3000rpm
D40M-R3230A5EB	40 # 100W/0. 32N. m/24V/3000rpm

D60M-R6430A5-E	60 # 200W/0. 64N. m/24V/3000rpm
D60M-R6430C5-E	60 # 200W/0. 64N. m/48V/3000rpm
D60M-01330A5-E	60 # 400W/1. 27N. m/24V/3000rpm
D60M-01330C5-E	60 # 400W/1. 27N. m/48V/3000rpm
D60M-01930A5-E	60 # 600W/1. 91N. m/24V/3000rpm
D60M-01930C5-E	60 # 600W/1. 91N. m/48V/3000rpm

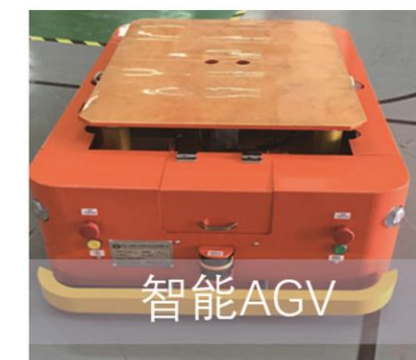
D80M-02430A5-E	80 # 750W/2. 4N. m/24V/3000rpm
D80M-02430C5-E	80 # 750W/2. 4N. m/48V/3000rpm
D80M-0330C5-E	80 # 1000W/3. 3N. m/48V/3000rpm
D80M-03830C5-E	80 # 1200W/3. 8N. m/48V/3000rpm
D80M-04830C5-E	80 # 1500W/4. 77N. m/48/3000rpm

D110M-03830C5-E	110 # 1200W/3. 82N. m/48V/3000rpm
D110M-04030C5-E	110 # 1300W/4N. m/48V/3000rpm
D110M-04030E5-E	110 # 1300W/4N. m/72V/3000rpm
D110M-04830C5-E	110 # 1500W/4. 77N. m/48V/3000rpm
D110M-06030C5-E	110 # 1800W/5. 73N. m/48V/3000rpm
D110M-06030E5-E	110 # 1900W/6N. m/48V/3000rpm
D110M-06030E5-E	110 # 1900W/6N. m/72V/3000rpm

型号	产品规格
D130M-10020C5-E	130 # 1000W/5N. m/48V/2000rpm
D130M-04030A5-E	130 # 1300W/5N. m/24V/3000rpm
D130M-07020C5-E	130 # 1500W/7N. m/48V/2000rpm
D130M-06030A5-E	130 # 1900W/6N. m/24V/3000rpm
D130M-06030C5-E	130 # 1900W/6N. m/48V/3000rpm
D130M-06030E5-E	130 # 1900W/6N. m/72V/3000rpm
D130M-10030C5-E	130 # 2000W/10N. m/48V/2000rpm
D130M-07730A5-E	130 # 2400W/7. 7N. m/24V/3000rpm
D130M-07730C5-E	130 # 2400W/7. 7N. m/48V/3000rpm
D130M-07730E5-E	130 # 2400W/7. 7N. m/72V/3000rpm
D130M-16030C5-E	130 # 2500W/8N. m/48V/3000rpm
D130M-14320C5-E	130 # 3000W/14. 3N. m/48V/2000rpm
D130M-10030C5-E	130 # 3100W/10N. m/48V/3000rpm
D130M-14525C5-E	130 # 3800W/14. 5N. m/48V/3000rpm
D130M-15030C5-E	130 # 4700W/15N. m/48V/3000rpm
D130M-15030E5-E	130 # 4700W/15N. m/72V/3000rpm

D180M-15020C5-E	180 # 3000W/15N. m/48V/2000rpm
D180M-19020C5-E	180 # 4000W/19N. m/48V/2000rpm
D180M-21020C5-E	180 # 4500W/21N. m/48V/2000rpm
D180M-28015C5-E	180 # 4500W/28N. m/48V/1500rpm
D180M-16030C5-E	180 # 5000W/16N. m/48V/3000rpm
D180M-35015E5-E	180 # 5500W/35N. m/48V/1500rpm
D180M-28020C5-E	180 # 5800W/28N. m/48V/2000rpm
D180M-38030C5-E	180 # 6000W/19N. m/48V/3000rpm
D180M-48015E5-E	180 # 7500W/48N. m/72V/1500rpm
D180M-48020E5-E	180 # 10000W/48N. m/72V/2000rpm
D180M-35030E5-E	180 # 11000W/35N. m/72V/3000rpm

◆ 德马克直流伺服电机应用范围



◆ 德马克电机产品系列，能满足95%以上客户产品需求，可按客户需求定制。