

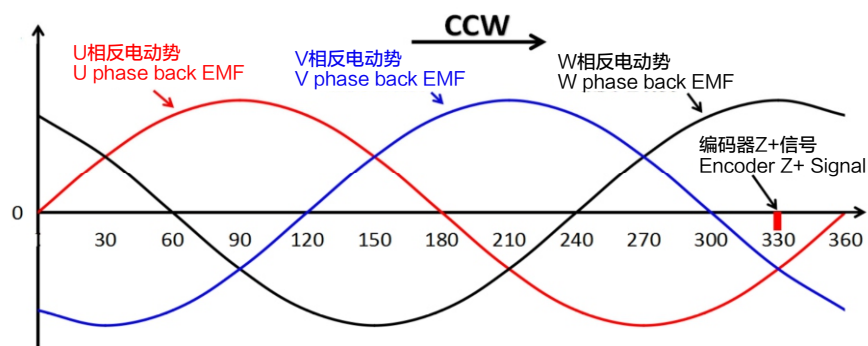
基本参数 / Basic Parameters

额定功率(Kw): Rated Output(Kw):	0.1	极数: Number Of Poles:	10	保持制动器扭矩 (N.m) : Static Torque (N.m) :	—	保持制动器工作电压(V): Rated Voltage(V):	—
额定电压(V): Rated Voltage(V):	24	耐热等级: Vibration Class :	F	绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
额定转速(rpm): Rated Speed(rpm):	3000	最高转速(rpm): Max. Speed(rpm):	3200	工作时间: Time Rating :	连续 Continuous	振动等级: Vibration Class :	V 15
额定电流(A): Rated Current(A):	6.5±10%	瞬时最大电流(A): Instantaneous Max. Current(A):	13±10%	环境温度: Ambient Temperature :	0 ~ +40°C	环境湿度: Ambient Humidity :	20 ~ 80%不结露 20 ~ 80% No Condensation
额定扭矩(N.m): Rated Torque(N.m):	0.32	瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	0.64	励磁方式: Excitation:	永磁式 Permanent Magnet	安装方式: Mounting :	法兰式 Flange Method
线电阻(Ω): Line Resistance(Ω):	0.4±10%(25°C)	线电感(mH): Line Inductance(mH):	0.3±10%	连接方式: Drive Method :	直接连接 Direct Drive	电机重量(Kg): Weight(Kg):	
线反电势(V/krpm): Line Back Emf(V/krpm):	3.2±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.05±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 Shaf T Opening).		
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 2500PPR	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)		

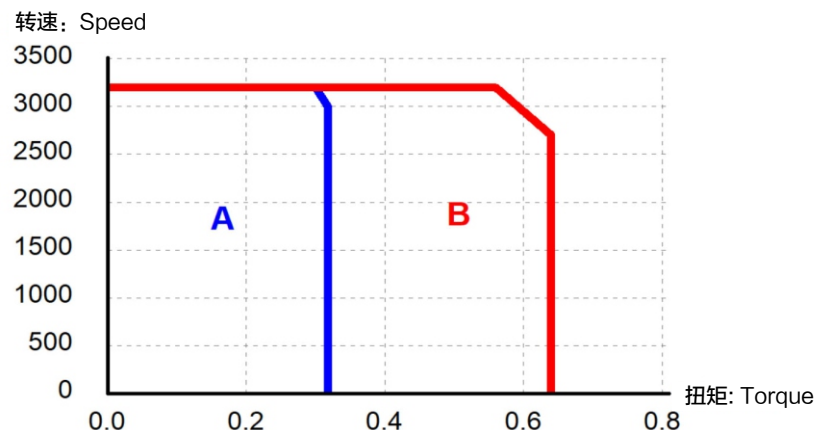
※额定转矩表示安装在200×200×6的铝制散热板上且在环境温度40°C时的连续允许转矩值。/Rated torque is the continuous allowable torque at 40°C with an Al heatsink of 200×200×6

编码器零点与电机相位关系

Phase Relationship Of Encoder Zero Point And Motor



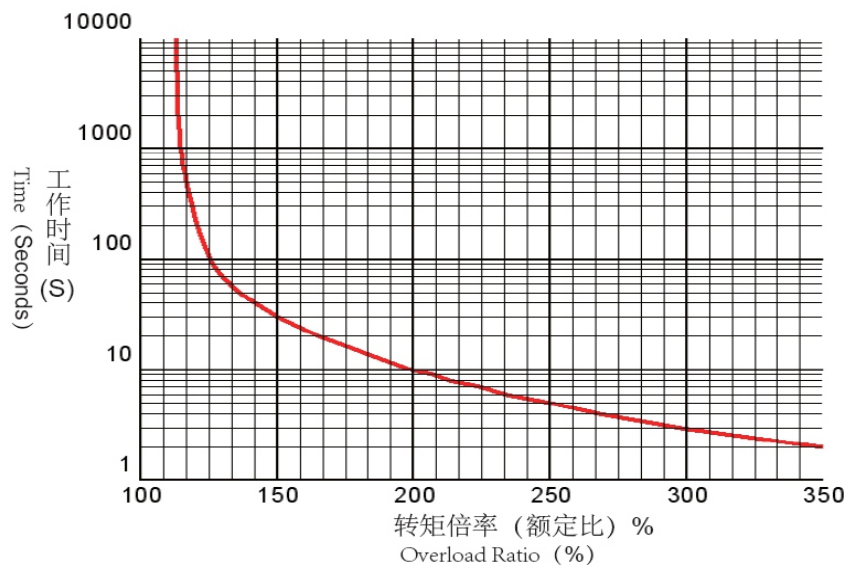
转矩—转速特性 / torque-speed Characteristics



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℃

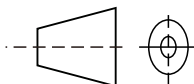
- 上述过载特性并不保证100%以上输出的连续使用
- 使用时, 请确保有效转矩在“转矩-转速特性”的连续使用范围内
- 由于产品改良或规格变更, 我们会适时对规格书进行更新, 请关注相关信息, 恕不另行通知。
- The above characteristics do not supply 100% output for continuous running;
- Please make sure that the effective torque is in the range of T-N characteristics' continuous duty zone
- Specification are subject to change without notice for ongoing product modification and improvement, please pay more attentions to the related information.



Design
change

1
2
3
4

View



ERP:

Design:

Date:

Proofread:

Date:

Approve:

Date:

公司名称: **深圳中菱科技有限公司**
Company Name: ShenZhen ZhongLing Technology Co.,Ltd

产品名称: 低压直流伺服电机
Product Name: Low Voltage DC Servo Motor

产品型号: ZLAC40ASM100
Product P/N: ZLAC40ASM100