

电气参数 / Electrical Characteristics

额定功率(W): Rated Output(W):	400	线电阻(Ω): Line Resistance(Ω):	0.27±10%(25°C)	法兰 Flange	60	励磁方式: Excitation:	永磁式 Permanent Magnet
额定电压(V): Rated Voltage(V):	48	线电感(mH): Line Inductance(mH):	0.56±10%	机身長(mm): Motor Length(mm):	106±1	噪音(dB): Noise(dB):	≤60dB, 无异响/None Special Noise
额定转速(rpm): Rated Speed(rpm):	3000	线反电势(V/krpm): Line Back Emf(V/krpm):	7±10%	轴长(mm): Shaft Length(mm):	27	振动等级: Vibration Class:	V 15
最高转速(rpm): Max. Speed(rpm):	3200	转子惯量(kg.m²×10⁻⁴): Rotor Moment Of Inertia(kg.m²×10⁻⁴):	0.58±10%	轴径 Shaft Diameter	Φ14	环境湿度: Ambient Humidity:	20~80%不结露 20~80% No Condensation
额定电流(A): Rated Current(A):	11±10%	力矩系数(N.m/A): Torque Coefficient(N.m/A):	0.12±10%	电机重量(Kg): Weight(Kg):	1.35	安装方式: Mounting:	法兰式 Flange Method
瞬时最大电流(A): Instantaneous Max. Current(A):	22±10%	绝缘电阻(MΩ): Insulation Resistance(MΩ):	DC500V, >20MΩ	耐热等级: Vibration Class:	F	环境温度: Ambient Temperature:	0~+40°C
额定扭矩(N.m): Rated Torque(N.m):	1.27	极数: Number Of Poles:	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).		
瞬时最大扭矩(N.m): Instantaneous Peak Torque(N.m):	2.54	编码器: Encode	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)		

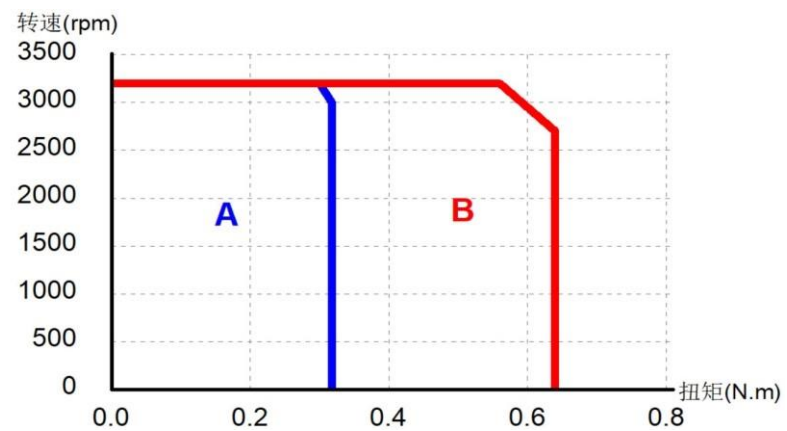
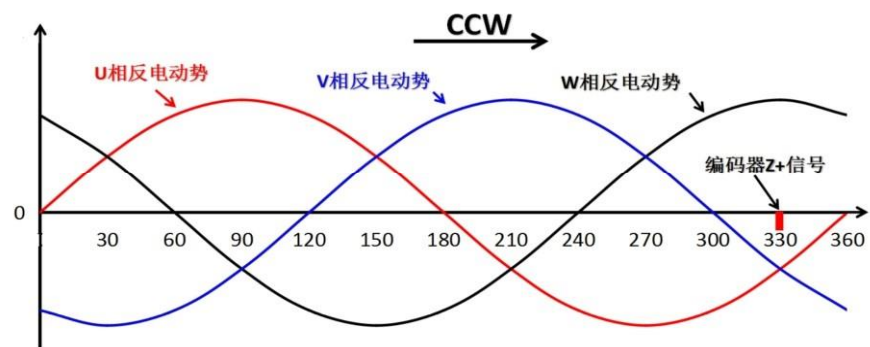
※ 额定转矩表示安装在200×200×6的铝制散热板上且在环境温度40℃时的连续容许转矩。/Rated torque is the continuous allowable torque at 40°C with an Al heatsink of 200×200×6

接线定义 / Wiring Sequence

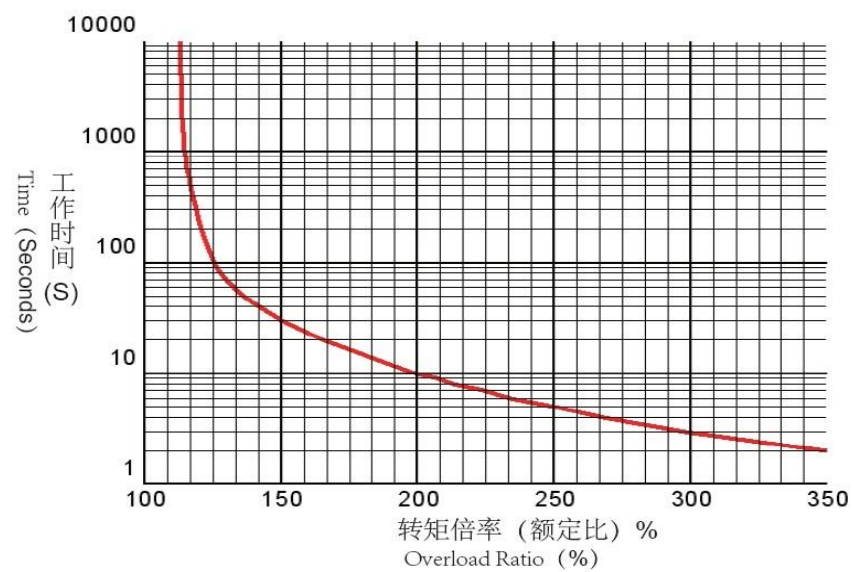
动力线: Power Wire			电源线: Encoder Power Wire			霍尔线: Hall Wire						编码器线: Encoder Wire					
U	V	W	PE	VCC	GND	U+	U	V+	V	W+	W-	A+	A-	B+	B-	Z+	Z-
红 Red	蓝 Blue	黑 Black	屏蔽线 Shielded wire	红 Red	黑 Black	棕 Brown	棕黑 Brown Black	灰 Grey	灰黑 Grey Black	白 White	白黑 White Black	蓝 Blue	蓝黑 White Black	绿 Green	绿黑 Green Black	黄 Yellow	黄黑 Yellow Black

设计变更	1		试图		设计:	日期:	公司名称:
	2				校对:	日期:	产品名称: 低压直流伺服电机 Low voltage DC Servo Motor
	3				批准:	日期:	产品型号: ZLAC60ASM400(48V)
	4		ERP:				

Phase Relationship Of Encoder Zero Point And Motor



过载特性Overload Characteristics



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

工作时间在电机环境温度 40°C 以及热
The characteristics is measured in the warm-boot conditions at 40°C

- 上述过载特性并不保证 100%以上输
- 使用时，请确保有效转矩在“转矩-转速特性”
- 由于产品改良或规格变更，我们会适时对规格书进行更新，
- 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 ralated information.

	Design change	1		View		Design:	Date:	公司名称: Company Name: Co.,ltd
		2				Proofread:	Date:	产品名称: 低压直流伺服电机 Product Name: Low Voltage DC Servo Motor
		3				Approve:	Date:	产品型号: ZLAC40ASM100 Product P/N: ZLAC40ASM100
		4		ERP:				