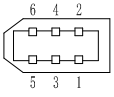
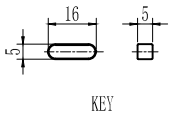


角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAGE
1	U相 MOTOR U	黄 YELLOW	14AWG
2	V相 MOTOR V	红 RED	
3	W相 MOTOR W	黑 BLACK	
4	接地 MOTOR PE	黄绿 YELLOW/GREEN	
5	NC	NC	

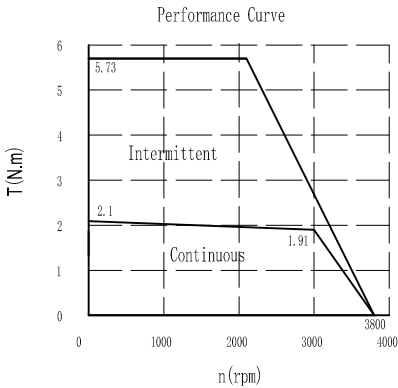
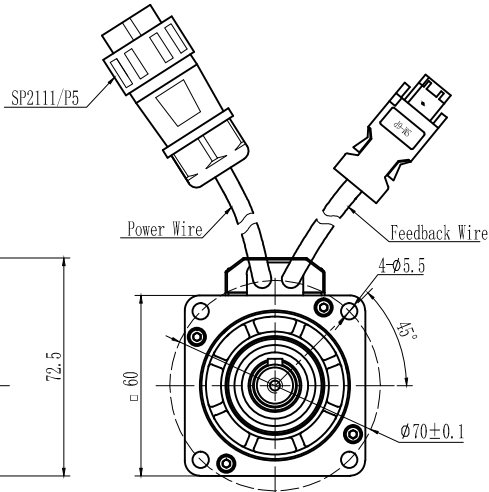
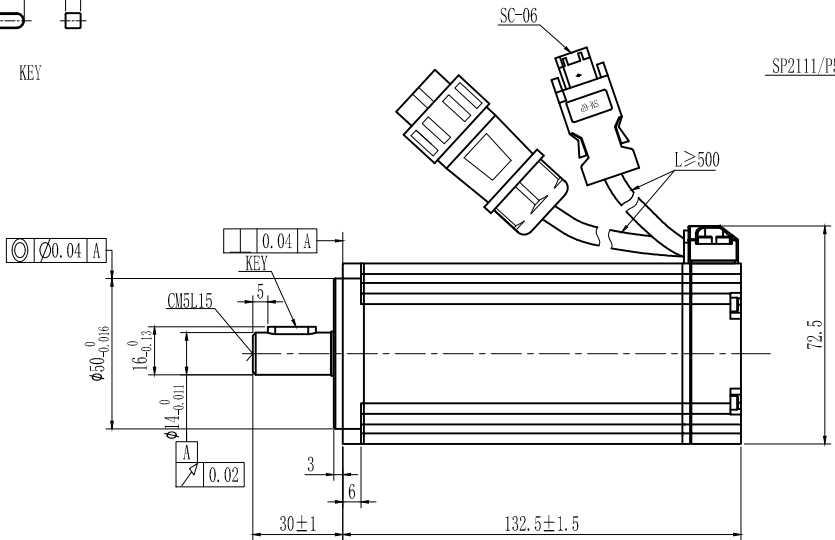
动力线 Power Wire

角号 PIN	定义 FUNCTION	颜色 COLOR	 SC-06
1	VCC+5V	红色 RED	
2	GND	黑色 BLACK	
3	VB	棕色 BROWN	
4	电池GND	白色 WHITE	
5	485+	蓝色 BLUE	
6	485-	黄 YELLOW	

反馈线 Feedback Wire




KEY



技术参数 Technical Data

极数 No. of poles	10
直流母线电压 DC Link Voltage U_{dc} (V)	48
额定功率 Rated Power P_N (W)	600
额定转矩 Rated Torque T_N (N.m)	1.91
额定转速 Rated Speed n_n (rpm)	3000
额定电流 Rated Current I_N (A)	16.5
最大转矩 Maximum torque T_s (N.m)	5.73
最大电流 Maximum Current I_s (A)	52.8
连续静态转矩 Standstill torque T_s (N.m)	2.1
连续静态电流 Standstill Current I_s (A)	18.2
线电阻 Resistance line-line R_s (Ω)	0.125
线电感 Inductance line-line L_s (mH)	0.26
电气时间常数 Electrical time constant τ_e (ms)	2.08
机械时间常数 Mechanical time constant τ_m (ms)	0.91
反电势常数 Voltage constant K_e (V/krpm)	7.5
转矩常数 Torque constant K_t (Nm/A)	0.124
转动惯量 Rotor moment of inertia J_m (Kg.cm ²)	0.65
最大径向力 Max. radial force F_r (N)	180
最大轴向力 Max. axial force F_a (N)	90
反馈装置 Feed back device	锐鹰 SRMA34-M16S17Bit-SY-C-5V
绝缘等级 Insulation class	F
防护等级 Protection level	IP54
重量 Weight (Kg)	1.9

S/N:Q6NUK0QYYDDNNNN

VER	DESCRIPTION OF CHANGE	(V1.)	KA210386	WYD	ZZJ	22-1-10	DESIGN	DATE	P/NO. 9.7443SS	
(V1.)	更新SN码。	VER	ECN NO.	CHANGE	APP'D	DATE	WYD	21-9-18	TITLE Outside Drawing	
		FINAL TOLERANCE REFERENCE GB/T 1804-m Unit:mm LINER			MATERIAL		CHECK	21-9-18	USED ON	SMC60S-0060-30QAK-5DSU
							LS		SCALE:	VER: V1.1
							APPROVE	21-9-18		
							SL			
		≤6 ±0.1 >6~30 ±0.2			FIRST ANGLE PROJECTION 		SHEET 1 OF 1		KINCO	
		>30~120 ±0.3 >120~400 ±0.5								