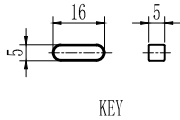


角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAGE
1	U相 MOTOR U	黄 YELLOW	14AWG
2	V相 MOTOR V	红 RED	
3	W相 MOTOR W	黑 BLACK	
4	接地 MOTOR PE	黄绿 YELLOW/GREEN	
5	NC	NC	

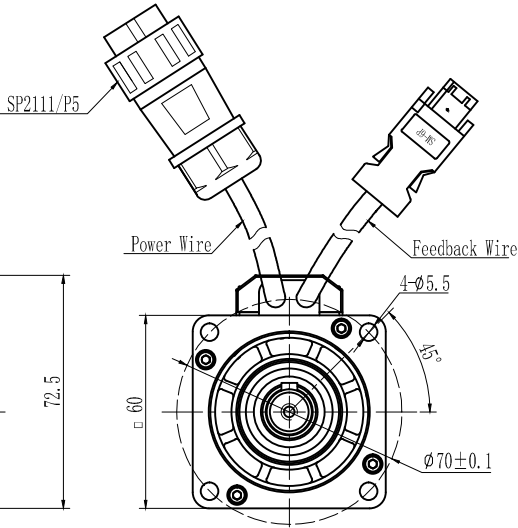
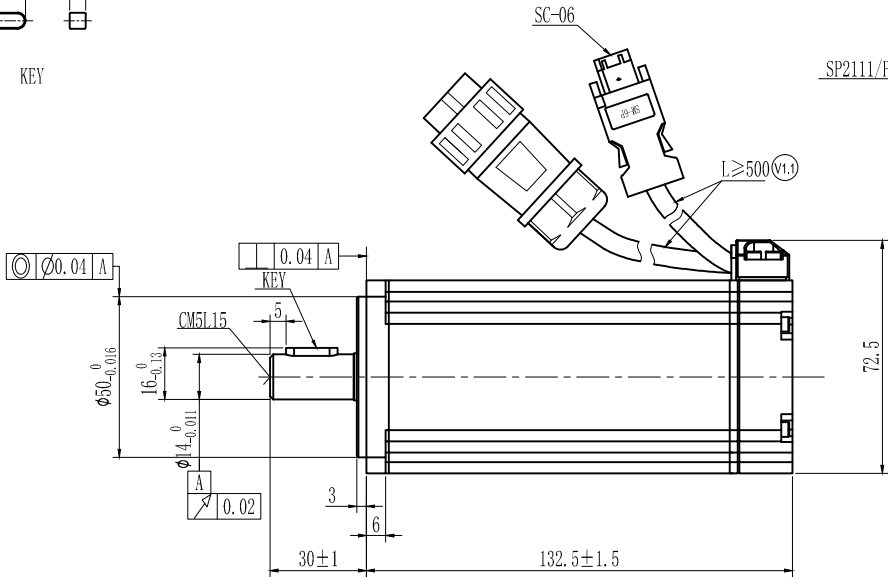
动力线 Power Wire

角号 PIN	定义 FUNCTION	颜色 COLOR
1	VDD	红色 RED
2	GND	黑色 BLACK
3	MA_P+	棕色 BROWN
4	MA_N-	蓝色 BLUE
5	SLO_P+	黄 YELLOW
6	SLO_N-	绿色 GREEN

反馈线 Feedback Wire

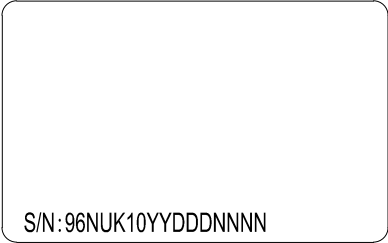
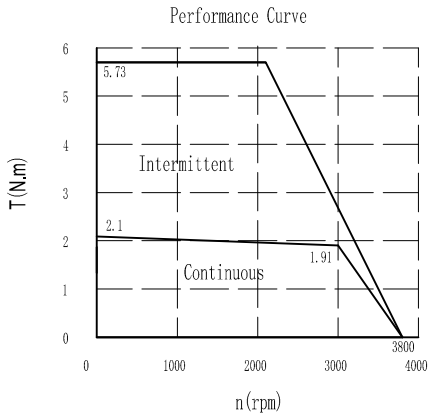



KEY



技术参数 Technical Data

极数 No. of poles	10
直流母线电压 DC Link Voltage $U_x(V)$	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 $T_m(N.m)$	5.73
最大电流 Maximum Current $I_m(A)$	52.8 (V1.3)
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 $R_l(\Omega)$	0.125 (V1.3)
线电感 Inductance line-line $L_l(mH)$	0.26 (V1.3)
电气时间常数 Electrical time constant $\tau_e(ms)$	2.08 (V1.3)
机械时间常数 Mechanical time constant $\tau_m(ms)$	0.91 (V1.3)
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 (V1.3)
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	ME16MHM-04
绝缘等级 Insulation class	F
防护等级 Protection level	IP54 (V1.3)
重量 Weight (Kg)	1.9 (V1.3)



VER	DESCRIPTION OF CHANGE	①	KA210300	WYD	SL	21-9-14	DESIGN	DATE	P/NO.	9.5850SS	
		VER	ECN NO.	CHANGE	APP'D	DATE	WYD	20-5-12	TITLE		Outside Drawing
		FINAL TOLERANCE REFERENCE GB/T 1804-m Unit:mm LINER			MATERIAL		CHECK	20-5-12	USED ON	SMC60S-0060-30MAK-5DSU	
							LS				
							APPROVE	20-5-12	SCALE:	VER: V1.4	
							SL				
		≤6	±0.1	>6~30	±0.2	FIRST ANGLE PROJECTION 		SHEET 1 OF 1		KINCO	
		>30~120	±0.3	>120~400	±0.5						