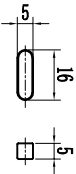


角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAUGE		
1	U相 MOTOR U	黄 YELLOW	20AWG		
2	V相 MOTOR V	红 RED			
3	W相 MOTOR W	黑 BLACK			
4	接地 MOTOR PE	黄绿 YELLOW/GREEN	壳体 Housing: H66L6-04P 针 Terminal: T66L6-B		

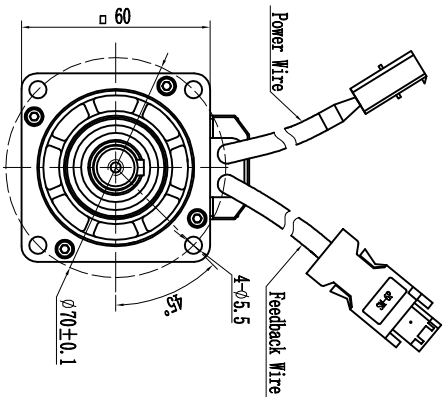
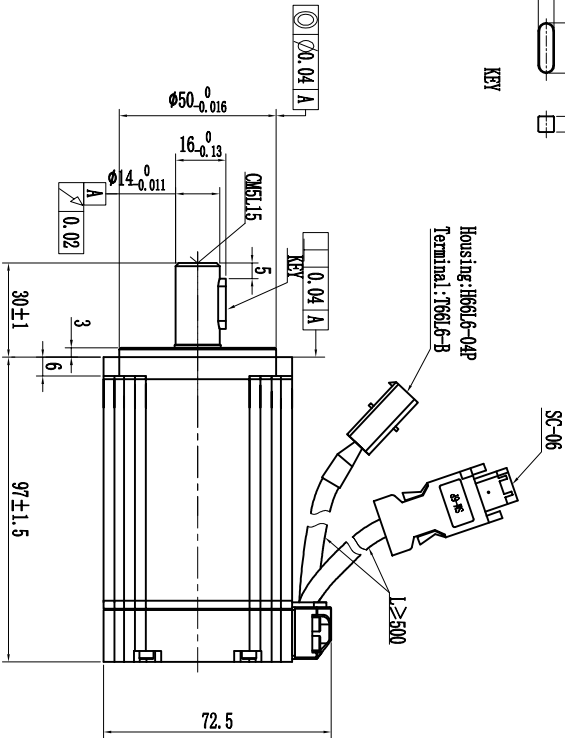
动力线 Power Wire

角号 PIN	定义 FUNCTION	颜色 COLOR	
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

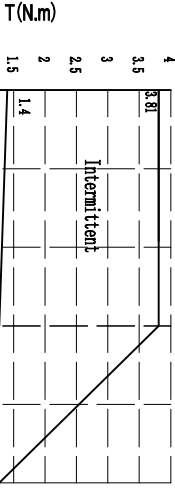


受控

S/N: V5NJK0QYYDDNNNN

技术参数 Technical Data

极数 No. of poles	10
直流母线电压 DC Link Voltage U _{dc} (V)	300
额定功率 Rated Power P _N (W)	400
额定转矩 Rated Torque T _N (N.m)	1.27
额定转速 Rated Speed n (rpm)	3000
额定电流 Rated Current I _N (A)	2.9
最大转矩 Maximum torque T _Δ (N.m)	3.81
最大电流 Maximum Current I _Δ (A)	9.3
连续静态转矩 Standstill torque T _s (N.m)	1.4
连续静态电流 Standstill Current I _s (A)	3.19
线电阻 Resistance line-line R _l (Ω)	3.72
线电感 Inductance line-line L _l (mH)	8.4
电气时间常数 Electrical time constant τ _e (ms)	2.26
机械时间常数 Mechanical time constant τ _m (ms)	1.06
反电动势常数 Voltage constant K _e (V/(krpm))	29
转矩常数 Torque constant K _t (Nm/A)	0.48
转动惯量 Rotor moment of inertia J _m (kg.cm ²)	0.38
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	微差SMDA4-4165T81t-ST-C-5V
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (kg)	1.2



Performance Curve

VER	DESCRIPTION OF CHANGE			AP'D	DATE	DESIGN	DATE	P/NO.
	VER	ECN NO.	CHANGE			WD	21-9-2	9.7408SS
	FINAL TOLERANCE REFERENCE GB/T 1804-m Unit:mm					CHECK		Outside Drawing
	LINER					LS	21-9-2	USED ON
	≤6 ±0.1 >6~30 ±0.2					APPROVE		SMC605-0040-30Q4K-5L5U
	>30~120 ±0.3 >120~400 ±0.5					SL	21-9-2	VER: V1.0
	FIRST ANGLE PROJECTION							SCALE:
	SHEET 1 OF 1							KINCO