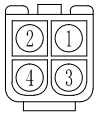
受控

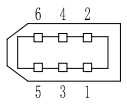
角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAGE
1	U相 MOTOR U	黄 YELLOW	16AWG
2	V相 MOTOR V	红 RED	
3	W相 MOTOR W	黑 BLACK	
4	接地 MOTOR PE	黄绿 YELLOW/GREEN	



壳体 Housing:H66L6-04P
针 Terminal:T66L6-B

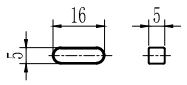
动力线 Power Wire

角号 PIN	定义 FUNCTION	颜色 COLOR
1	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

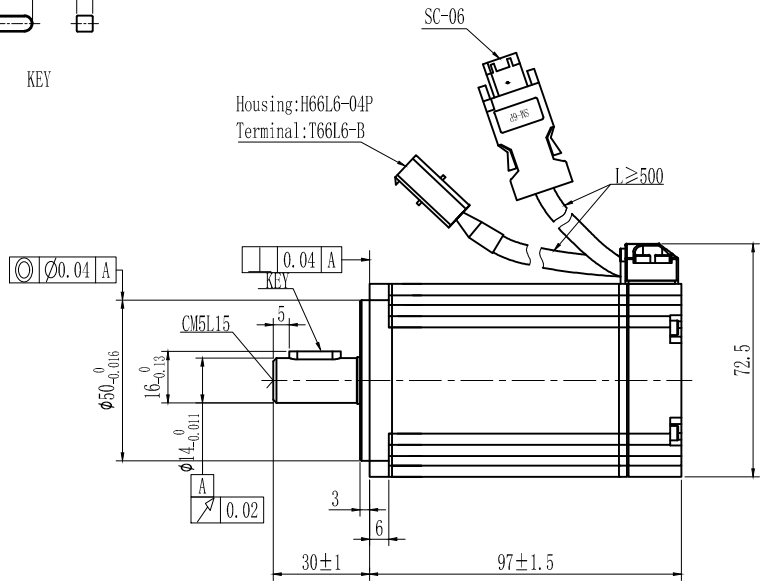


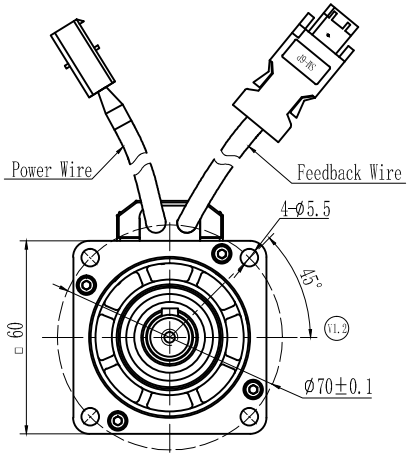
SC-06

反馈线 Feedback Wire



KEY

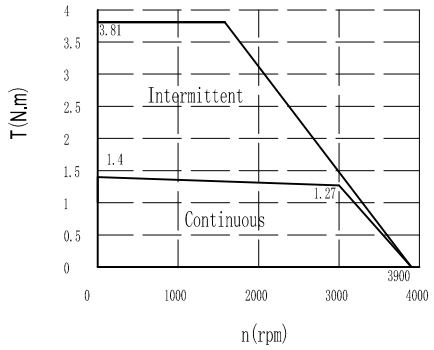




技术参数 Technical Data

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)	400
额定转矩 Rated Torque T_N (N.m)	1.27
额定转速 Rated Speed n_N (rpm)	3000
额定电流 Rated Current I_N (A)	10.6
最大转矩 Maximum torque T_m (N.m)	3.81
最大电流 Maximum Current I_m (A)	33.9 V1.2
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)	11.7
线电阻 Resistance line-line R_L (Ω)	0.27 V1.2
线电感 Inductance line-line L_L (mH)	0.68 V1.2
电气时间常数 Electrical time constant τ_e (ms)	2.52 V1.2
机械时间常数 Mechanical time constant τ_m (ms)	1.02 V1.2
反电势常数 Voltage constant K_e (V/krpm)	8
转矩常数 Torque constant K_t (Nm/A)	0.132
转动惯量 Rotor moment of inertia Jm ($Kg.cm^2$)	0.38 V1.2
最大径向力 Max. radial force Fr(N)	180
最大轴向力 Max. axial force Fa(N)	90
反馈装置 Feed back device	ME16MHM-04
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (Kg)	1.2

Performance Curve



V1.3

S/N:94NUK10YYDDDNNNN

VER	DESCRIPTION OF CHANGE
V1.1	更改线长
V1.2	更新参数
V1.3	更新SN

V1.3	KA220297	WYD	ZZJ	22-8-4
VER	ECN NO.	CHANGE	APP'D	DATE

FINAL TOLERANCE REFERENCE
GB/T 1804-m Unit:mm
LINER
≤6 ±0.1 >6~30 ±0.2
>30~120 ±0.3 >120~400 ±0.5

MATERIAL

FIRST ANGLE PROJECTION

DESIGN	DATE
WYD	20-9-21
CHECK	
LS	20-9-21
APPROVE	
SL	20-9-21

SHEET 1 OF 1

P/NO.	9.5848SS
TITLE	Outside Drawing
USED ON	SMC60S-0040-30MAK-5DSU
SCALE:	VER: V1.3

KINCO