角号 PIN	定义 FUNCTION	颜色 COLOR
1	刹车 BRAKE (+)	红 RED
2	刹车 BRAKE (-)	蓝 BLUE

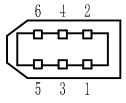
壳体 Housing:H66L6-02P
针 Terminal:T66L6-B

刹车线 Brake Wire

角号 PIN	定义 FUNCTION	颜色 COLOR
1	U相 MOTOR U	黄 YELLOW
2	V相 MOTOR V	红 RED
3	W相 MOTOR W	黑 BLACK
4	PE相 MOTOR PE⏚	黄绿 YELLOW/GREEN
5	NC	NC

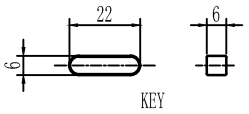
动力线 Power Wire

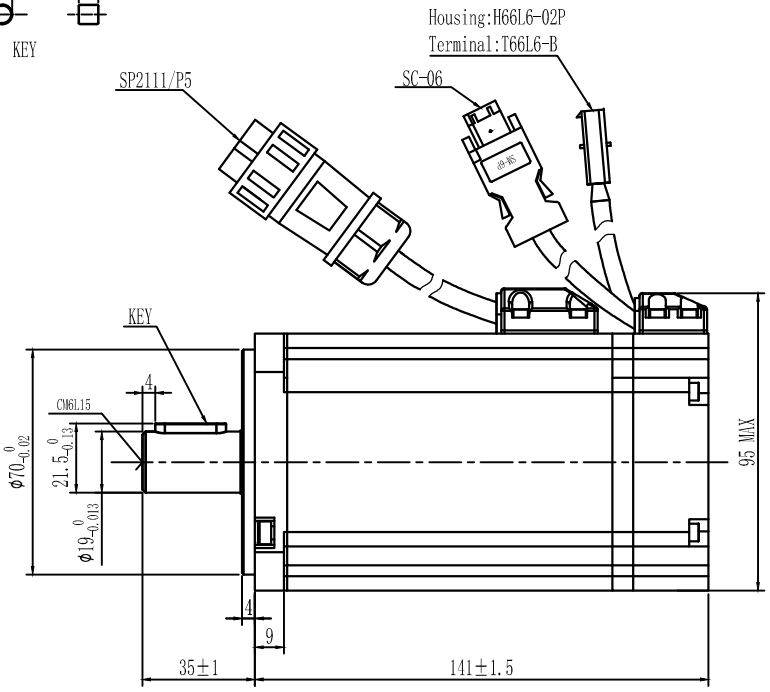
角号 PIN	定义 FUNCTION	颜色 COLOR
1	VCC+5V	红色 RED
2	GND	黑色 BLACK
3	VB	棕色 BROWN
4	电池GND	白色 WHITE
5	485+	蓝色 BLUE
6	485-	黄 YELLOW

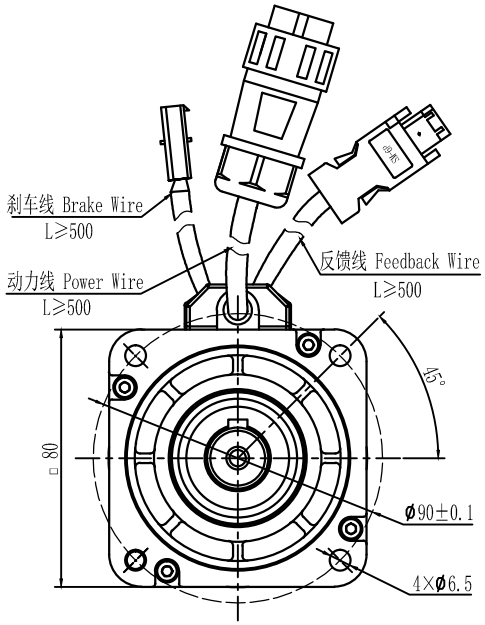


SC-06

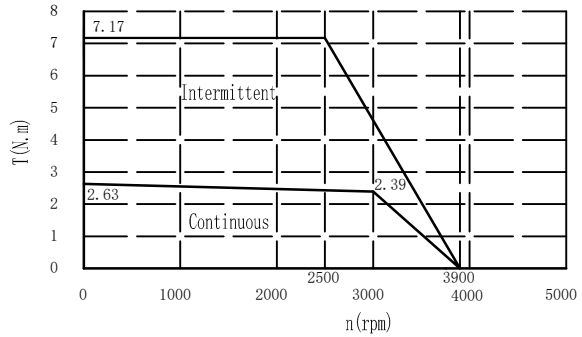
反馈线 Feedback Wire







Performance Curve



刹车参数 Brake Data

静摩擦力 Static Friction (N.m)	3.2N.m
电压 Voltage (VDC)	24
功率 Power (W)	11.5

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)	750
额定转矩 Rated Torque T_N (N.m)	2.39
额定转速 Rated Speed n_N (rpm)	3000
额定电流 Rated Current I_N (A)	19.9
最大电流 Maximum Current I_m (A)	62.7
最大转矩 Maximum torque T_m (N.m)	7.17
连续静态转矩 Standstill torque T_S (N.m)	2.63
连续静态电流 Standstill Current I_o (A)	21.9
线电阻 Resistance line-line R_L (Ω)	0.077
线电感 Inductance line-line L_L (mH)	0.3
电气时间常数 Electrical time constant τ_e (ms)	4.05
机械时间常数 Mechanical time constant τ_m (ms)	0.8
反电势常数 Voltage constant K_e (V/krpm)	8
转矩常数 Torque constant K_t (Nm/A)	0.124
转动惯量 Rotor moment of inertia Jm ($Kg.cm^2$)	1.099
最大径向力 Max. radial force Fr(N)	335
最大轴向力 Max. axial force Fa(N)	167.5
反馈装置 Feed back device	SRMA46-M16S17Bit-SY-C-5V
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (Kg)	3

V1.1 SN:Q7BUK0QYYDDDNNNN

VER	DESCRIPTION OF CHANGE	V1.1	KA220010	XC	SL	2022.01.10
V1.1	更改SN码	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	YL	21-9-19
CHECK	LS	21-9-19
APPROVE	SL	21-9-19
SHEET 1 OF 1		

P/NO.	9.7470SS
TITLE	Outside Drawing
USED ON	SMC80S-0075-30QBK-5DSU
SCALE:	VER: V1.1

Kinco

A