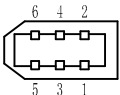


角号 PIN	定义 FUNCTION	颜色 COLOR
1	U相 MOTOR U	黄 YELLOW
2	V相 MOTOR V	红 RED
3	W相 MOTOR W	黑 BLACK
4	PE相 MOTOR PE	黄绿 YELLOW/GREEN
5	NC	NC

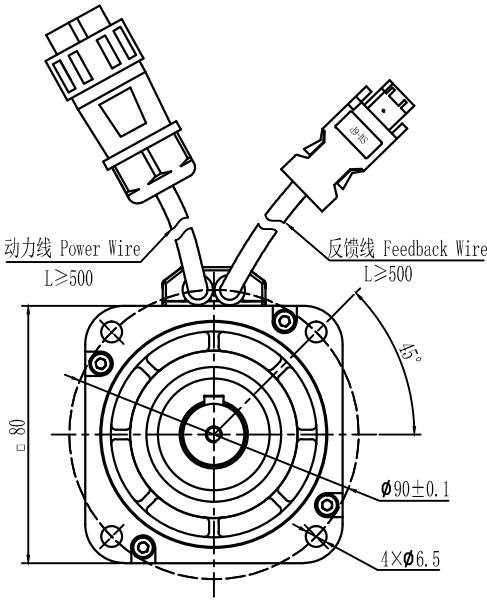
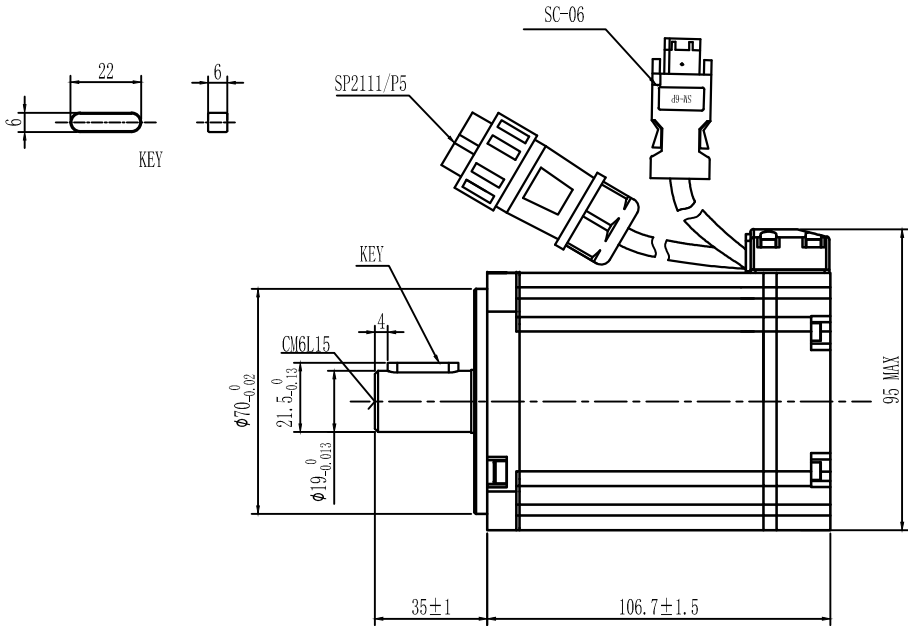
动力线 Power Wire

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

反馈线 Feedback Wire



SC-06

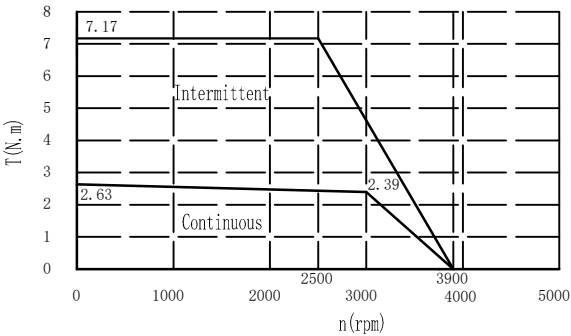


技术参数 Technical Data

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)	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 $I_s$ (A)	21.9
线电阻 Resistance line-line $R_L$ ( $\Omega$ )	0.074
线电感 Inductance line-line $L_L$ (mH)	0.3
电气时间常数 Electrical time constant $\tau_e$ (ms)	4.05
机械时间常数 Mechanical time constant $\tau_m$ (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)	0.13232
转动惯量 Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	1.027
最大径向力 Max. radial force $F_r$ (N)	335
最大轴向力 Max. axial force $F_a$ (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)	2.5

VI.1 SN:Q7NUK0QYYDDNNNN

Performance Curve



VER	DESCRIPTION OF CHANGE	VI.1	KA220010	XC	SL	2022.01.10	DESIGN	DATE	P/NO.	9.7469SS
VI.1	更改SN码	VER	ECN NO.	DRN	APP'D	DATE	YL	21-9-19	TITLE	Outside Drawing
							CHECK		USED ON	SMC80S-0075-30QAK-5DSU
							LS	21-9-19		
							APPROVE		SCALE:	VER: VI.1
							SL	21-9-19		
							FIRST ANGLE PROJECTION			
								SHEET 1 OF 1		

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