


角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAGE	 壳体 Housing:H66L6-02P 针 Terminal:T66L6-B
1	刹车 BRAKE (+)	红 RED	18AWG	
2	刹车 BRAKE (-)	兰 BLUE		

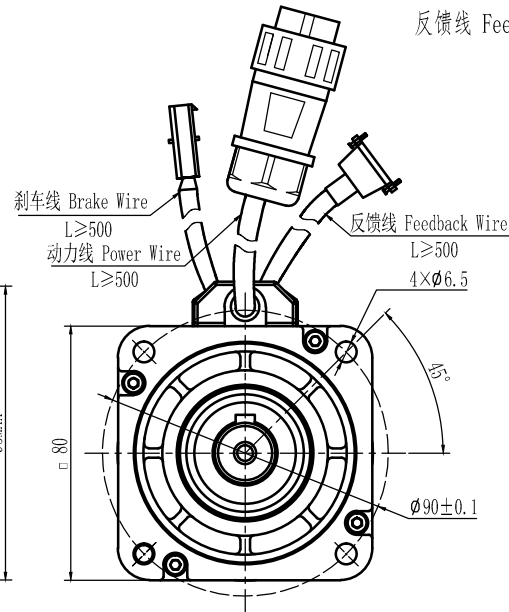
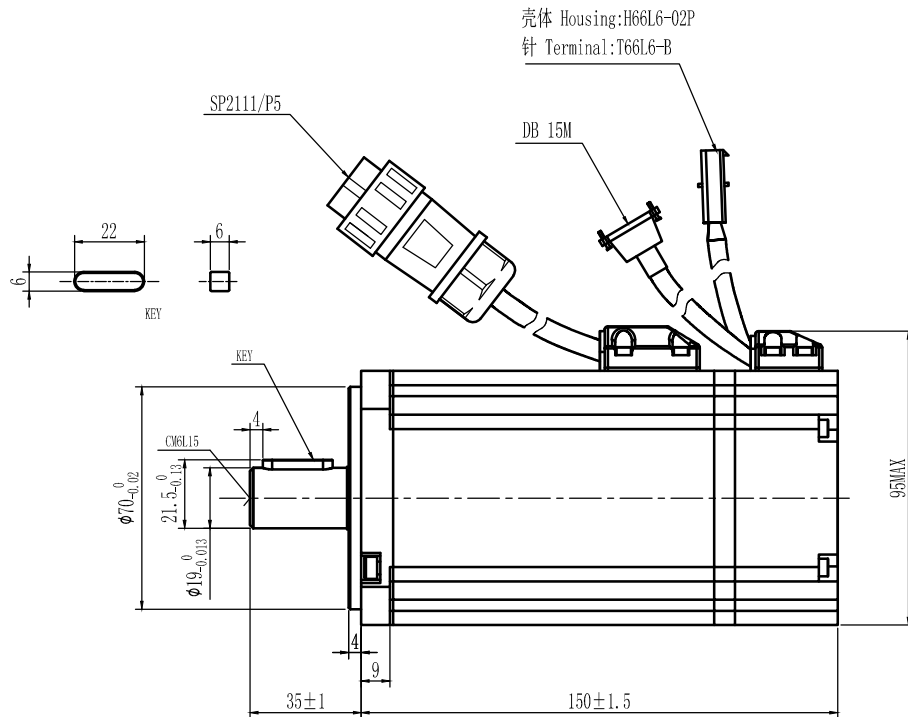
刹车线 Brake Wire

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	PE相 MOTOR PE	黄绿 YELLOW/GREEN	

动力线 Power Wire

角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAGE	角号 PIN	定义 FUNCTION	颜色 COLOR	线径 WIRE GAGE	 DB 15M
1	DC +5V	红 RED	28AWG	9	W	灰黑 GRAY/BLACK	28AWG	
2	GND	黑 BLACK		10	V	白黑 WHITE/BLACK		
3	NC	NC		11	/Z	黄黑 YELLOW/BLACK		
4	U	棕黑 BROWN/BLACK		12	/B	绿黑 GREEN/BLACK		
5	/U	棕 BROWN		13	/A	蓝 BLUE		
6	Z	黄 YELLOW		14	/W	灰 GRAY		
7	B	绿 GREEN		15	/V	白 WHITE		
8	A	蓝黑 BLUE/BLACK						

反馈线 Feedback Wire



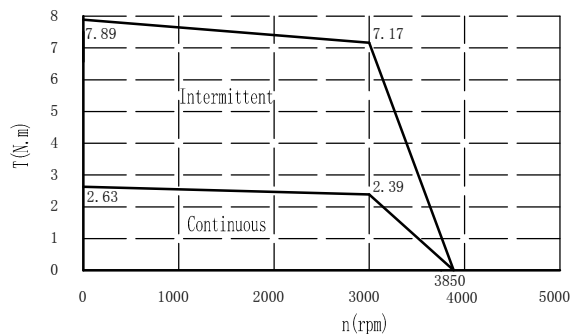
刹车参数 Brake Data

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 _e (A)	59.7
最大转矩 Maximum torque T _e (N.m)	7.17
连续静态转矩 Standstill torque T _s (N.m)	2.63
线电阻 Resistance line-line R _L (Ω)	0.074
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 J _m (Kg.cm ²)	1.099
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	Tanagawa Incremental 2500ppr
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (Kg)	3.2

Performance Curve



VER	DESCRIPTION OF CHANGE	VER	ECN NO.	CHANGE	APP'D	DATE	DESIGN	DATE	P/NO.	9.5927SS
							VJL	20-7-22		Outside Drawing
							LS	20-7-22		
							APPROVE	20-7-22	USED ON	SMC80S-0075-30ABK-5DSH
							SL	20-7-22	SCALE:	VER: V1.0
							FIRST ANGLE PROJECTION	SHEET 1 OF 1		Kinco