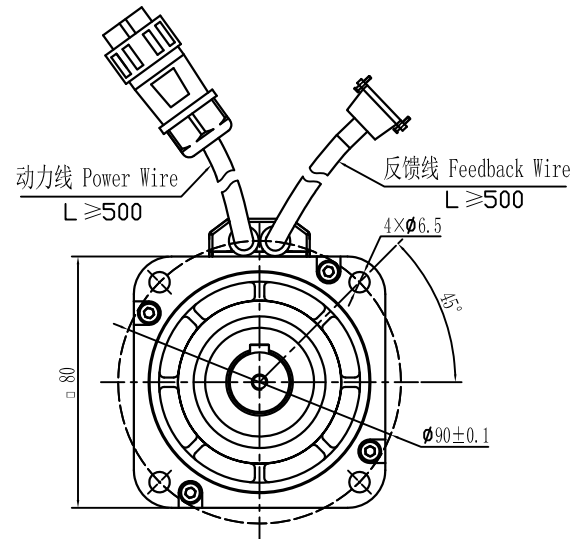
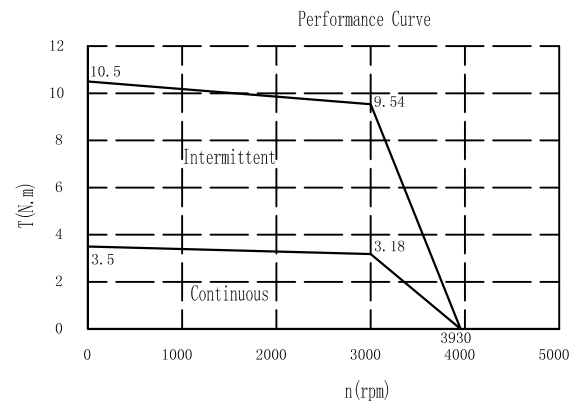
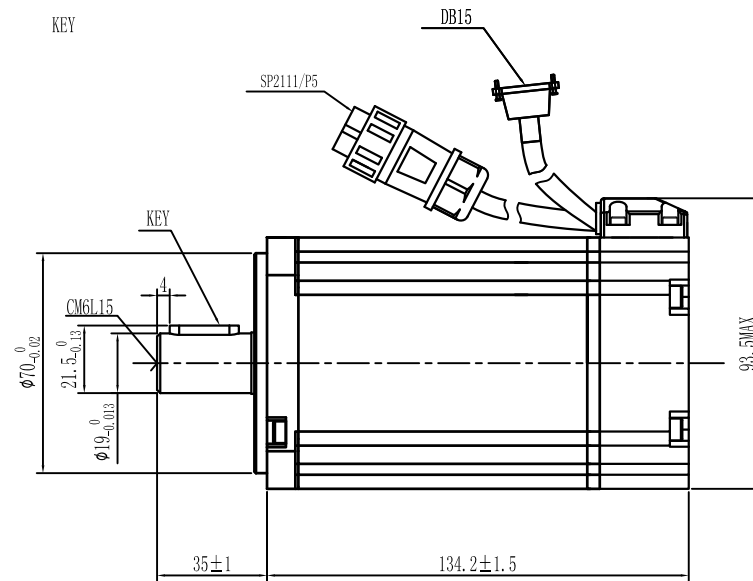



动力线 Power Wire

反馈线 Feedback Wire



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)	1000
额定转矩 Rated Torque T_N (N.m)	3.18
额定转速 Rated Speed n_N (rpm)	3000
额定电流 Rated Current I_N (A)	26.4
最大电流 Maximum Current I_s (A)	79.2
最大转矩 Maximum torque T_s (N.m)	9.57
连续静态转矩 Standstill torque T_s (N.m)	3.5
线电阻 Resistance line-line R_t (Ω)	0.047
线电感 Inductance line-line L_t (mH)	0.2
电气时间常数 Electrical time constant τ_e (ms)	4.25
机械时间常数 Mechanical time constant τ_m (ms)	4.09
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 ($Kg \cdot cm^2$)	1.36
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	Tamagawa Incremental 2500ppr
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (Kg)	3

VER	DESCRIPTION OF CHANGE						DESIGN	DATE	P/NO.	9.5890SS		
		VER	ECN NO.	CHANGE	APP'D	DATE	YJL	20-6-17				
	FINAL TOLERANCE REFERENCE GB/T 1804-m Unit:mm LINER				MATERIAL		CHECK	20-6-17	TITLE	Outside Drawing		
							LS		USED ON	SMC80D-0100-30AAK-5DSH		
							APPROVE	20-6-17	SCALE:		VER: V1.0	
							SL					
	≤6	±0.1	>6~30	±0.2	FIRST ANGLE PROJECTION 		SHEET 1 OF 1		Kinco			
	>30~120	±0.3	>120~400	±0.5								