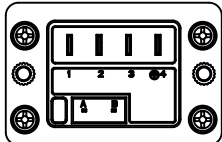
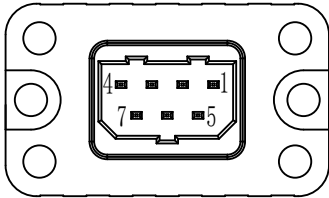


角号 PIN	定义 FUNCTION
1	U相 MOTOR U
2	W相 MOTOR W
3	V相 MOTOR V
4	接地 MOTOR PE



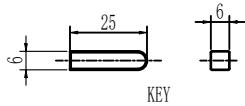
动力线 Power Wire

角号 PIN	定义 FUNCTION
1	DC +5V
2	GND
3	VB+
4	VB-
5	485+
6	485-
7	PE

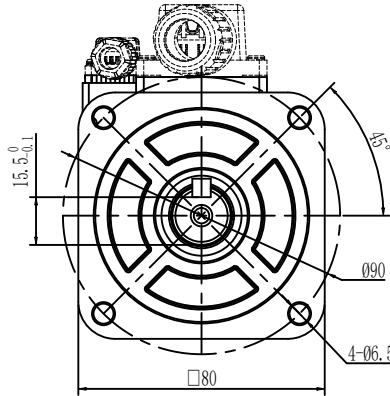
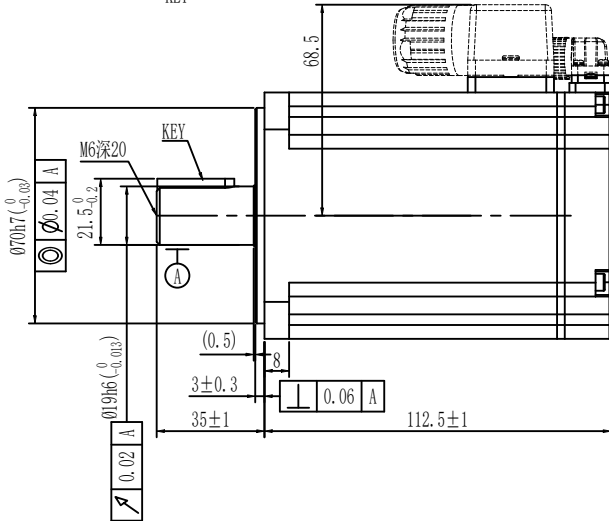
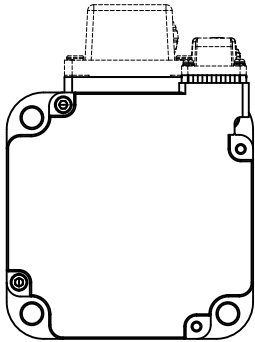


反馈线 Feedback Wire

受控



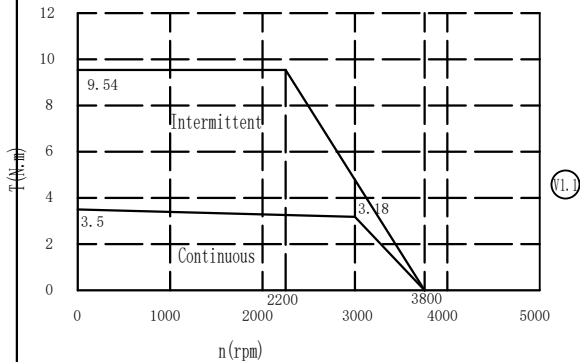
KEY



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)	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)	25.8 (V1.1)
最大电流 Maximum Current I_M (A)	81 (V1.1)
最大转矩 Maximum torque T_M (N.m)	9.54 (V1.1)
连续静态转矩 Standstill torque T_s (N.m)	3.5
连续静态电流 Standstill current I_s (A)	28.4 (V1.1)
线电阻 Resistance line-line R_L (Ω)	0.058 (V1.1)
线电感 Inductance line-line L_L (mH)	0.22 (V1.1)
电气时间常数 Electrical time constant τ_e (ms)	3.79 (V1.1)
机械时间常数 Mechanical time constant τ_m (ms)	0.63 (V1.1)
反电势常数 Voltage constant K_e (V/krpm)	8.23
转矩常数 Torque constant K_t (Nm/A)	0.136
转动惯量 Rotor moment of inertia J_m (Kg.cm ²)	1.16
最大径向力 Max. radial force F_r (N)	392
最大轴向力 Max. axial force F_a (N)	147
反馈装置 Feed back device	AM-M16/S17Bit
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (Kg)	2.4

Performance Curve



SN:R8NAKOQYYDDDDNNNN

VER	DESCRIPTION OF CHANGE	V1.1	DCN240062	HH	SL	240229	DESIGN	DATE	P/NO.	307090590SS
V1.1	性能参数优化	VER	ECN NO.	CHANGE	APP'D	DATE	HH	23-11-26	TITLE	Outside Drawing
							CHECK		USED ON	SMK80S-0100-30QAK-5DKA
							XC	23-11-26	SCALE:	VER:V1.1
							APPROVE			
							SL	23-11-26		
							FIRST ANGLE PROJECTION			
								SHEET 1 OF 1		