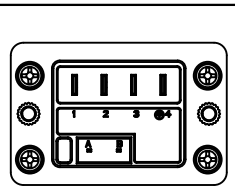
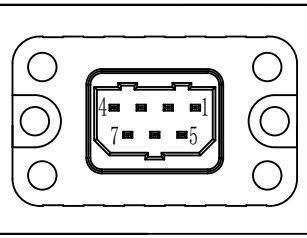
角号 PIN	定义 FUNCTION
1	U相 MOTOR U
2	W相 MOTOR W
3	V相 MOTOR V
4	接地 MOTOR PE

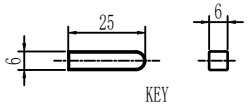


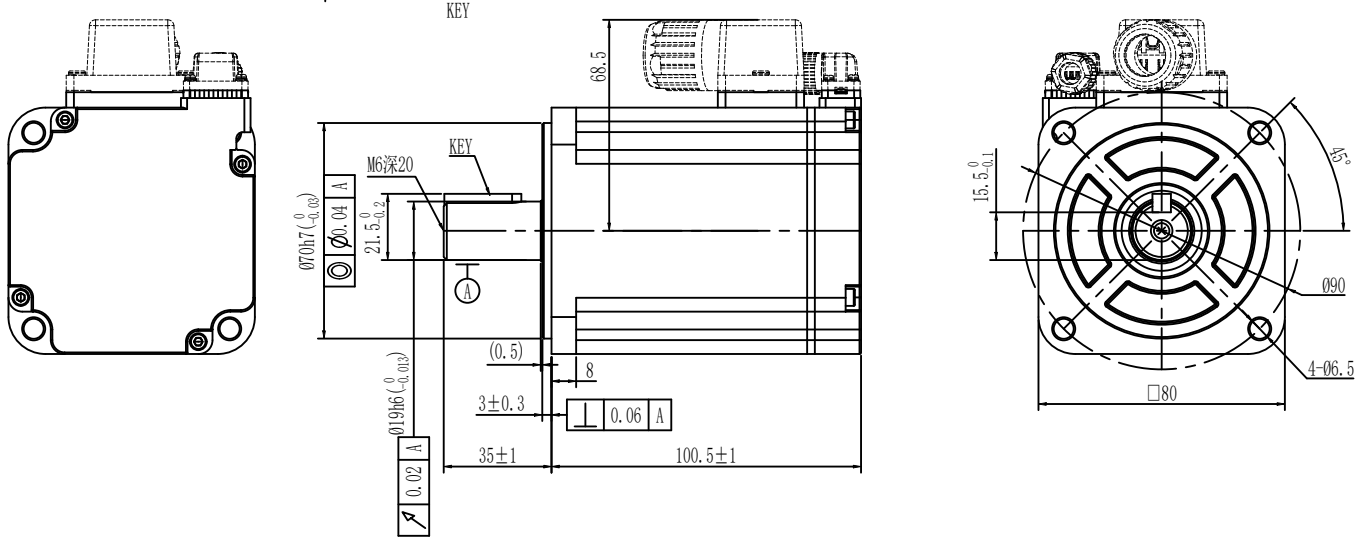
动力线 Power Wire

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



反馈线 Feedback Wire

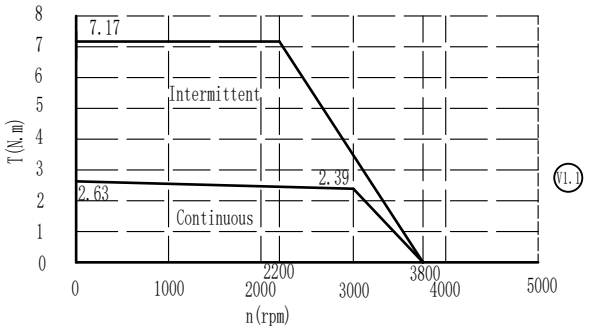




技术参数 Technical Data

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)	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)	19.2 (V1.1)
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)	21.1 (V1.1)
线电阻 Resistance line-line R_L(Ω)	0.088
线电感 Inductance line-line L_L(mH)	0.32
电气时间常数 Electrical time constant τ_e(ms)	3.64
机械时间常数 Mechanical time constant τ_m(ms)	0.687 (V1.1)
反电势常数 Voltage constant K_e(V/krpm)	8.3 (V1.1)
转矩常数 Torque constant K_t(Nm/A)	0.137 (V1.1)
转动惯量 Rotor moment of inertia Jm (Kg.cm^2)	0.85
最大径向力 Max. radial force Fr(N)	392
最大轴向力 Max. axial force Fa(N)	147
反馈装置 Feed back device	AM-S17Bit
绝缘等级 Insulation class	F
防护等级 Protection level	IP65
重量 Weight (Kg)	1.9

Performance Curve



SN:R7NAKOSYYDDDNNNN

VER	DESCRIPTION OF CHANGE
V1.1	性能参数优化

V1.1	DCN240062	HH	SL	240229
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	HH	2023-11-17
CHECK	XC	2023-11-17
APPROVE	SL	2023-11-17

SHEET 1 OF 1

P/NO.	307090505SS
TITLE	Outside Drawing
USED ON	SMK80S-0075-30SAK-5DKA
SCALE:	VER:V1.1

Kinco