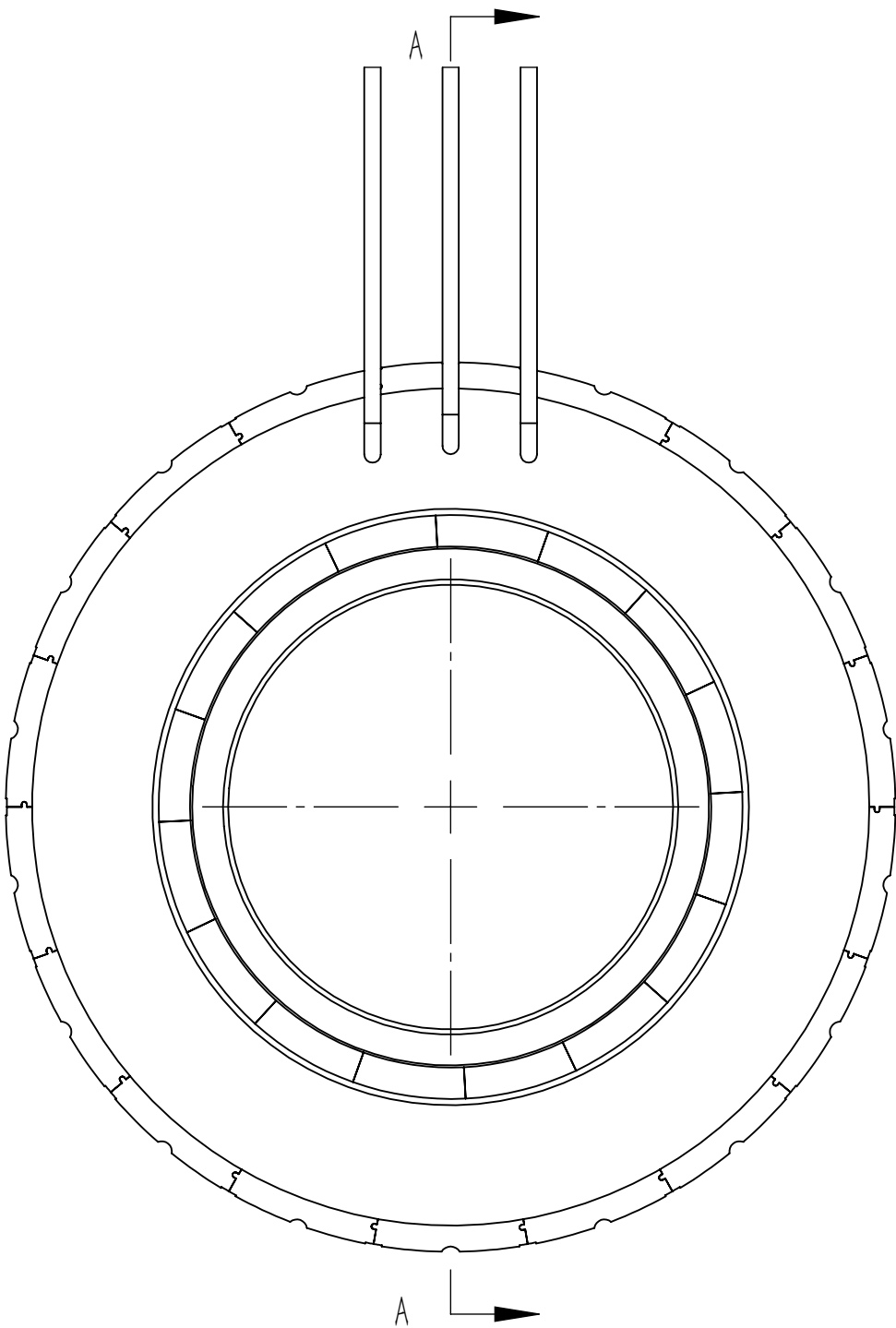
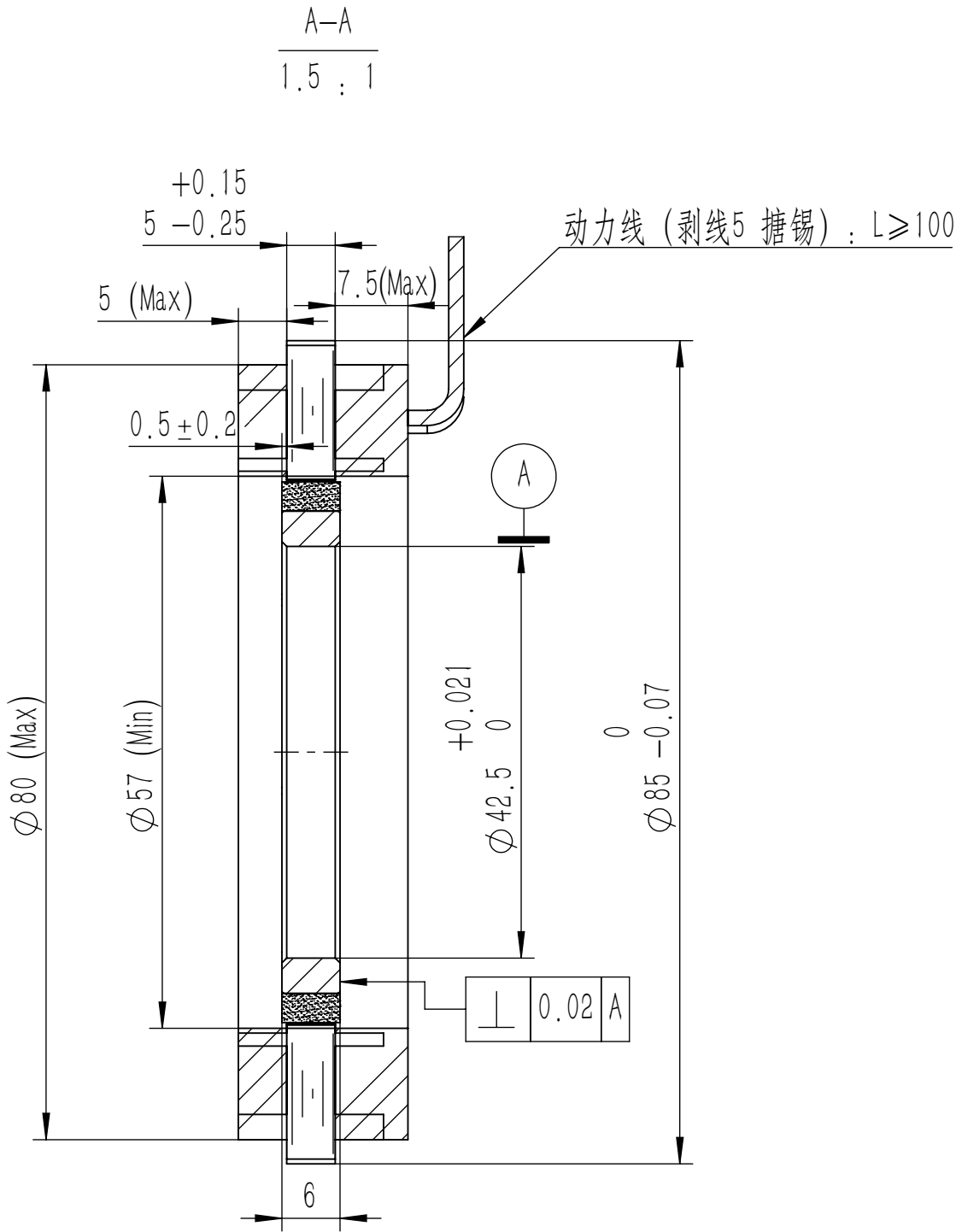




动力线 Power Wire	
U相 MOTOE U	兰 BLUE (20AWG)
V相 MOTOE V	棕 BROWN(20AWG)
W相 MOTOE W	紫 PURPLE(20AWG)



受控

技术要求:
定子引出线按GB/T 7345—2008要求:
对定子三相线, 每根引出线应能承受34.5N的拉力,
试验后, 引出线不能断开, 绝缘层和线芯不能损坏。

技术参数 Technical Data	
极数 No. of poles	16
直流母线电压 DC Link Voltage U _{DC} (V)	48
额定功率 Rated Power P _N (W)	157
额定转矩 Rated Torque T _N (N.m)	0.5
额定转速 Rated Speed n _N (rpm)	3000
△ 额定电流 Rated Current I _N (A)	5
最大转矩 Maximum torque T _m (N.m)	1.5
最大电流 Maximum Current I _m (A)	16.3
连续静态转矩 Standstill torque T _s (N.m)	0.55
连续静态电流 Standstill Current I _m (A)	5.5
线电阻 Resistance line—line R _L (Ω)	0.6(REF)
线电感 Inductance line—line L _L (mH)	0.65(REF)
电气时间常数 Electrical time constant τ _e (ms)	1.08(REF)
机械时间常数 Mechanical time constant τ _m (ms)	1.51(REF)
反电势常数 Voltage constant K _e (V/krpm)	7.6(REF)
转矩常数 Torque constant K _t (Nm/A)	0.126(REF)
转动惯量 Rotor moment of inertia J _m (Kg.cm ²)	0.23
绝缘等级 Insulation class	F
重量 Weight(Kg)	TBD

VER	DESCRIPTION OF CHANGE	V1.1	DON250167	LTL	HH	2025/05/07	DESIGN	ZT	2024/1/19	P/NO	307090726SS	
V1.1	额定电流4.5变更为5及相应参数	VER	ECN NO	CHANGE	APP'D	DATE	CHECK	ZZJ	2024/1/19		无框力矩电机	
					MATERIAL		PROCESS			USED ON	FMC08505—0015—3042N—8DS00	
					WEIGHT (kg)	0.930	STANDARDIZE					
							APPROVE	SL	2024/1/19	SCALE:	1:2	VER: V1.1
					FIRST ANGLE PROJECTION			SHEET 1 OF 1		KINCO		