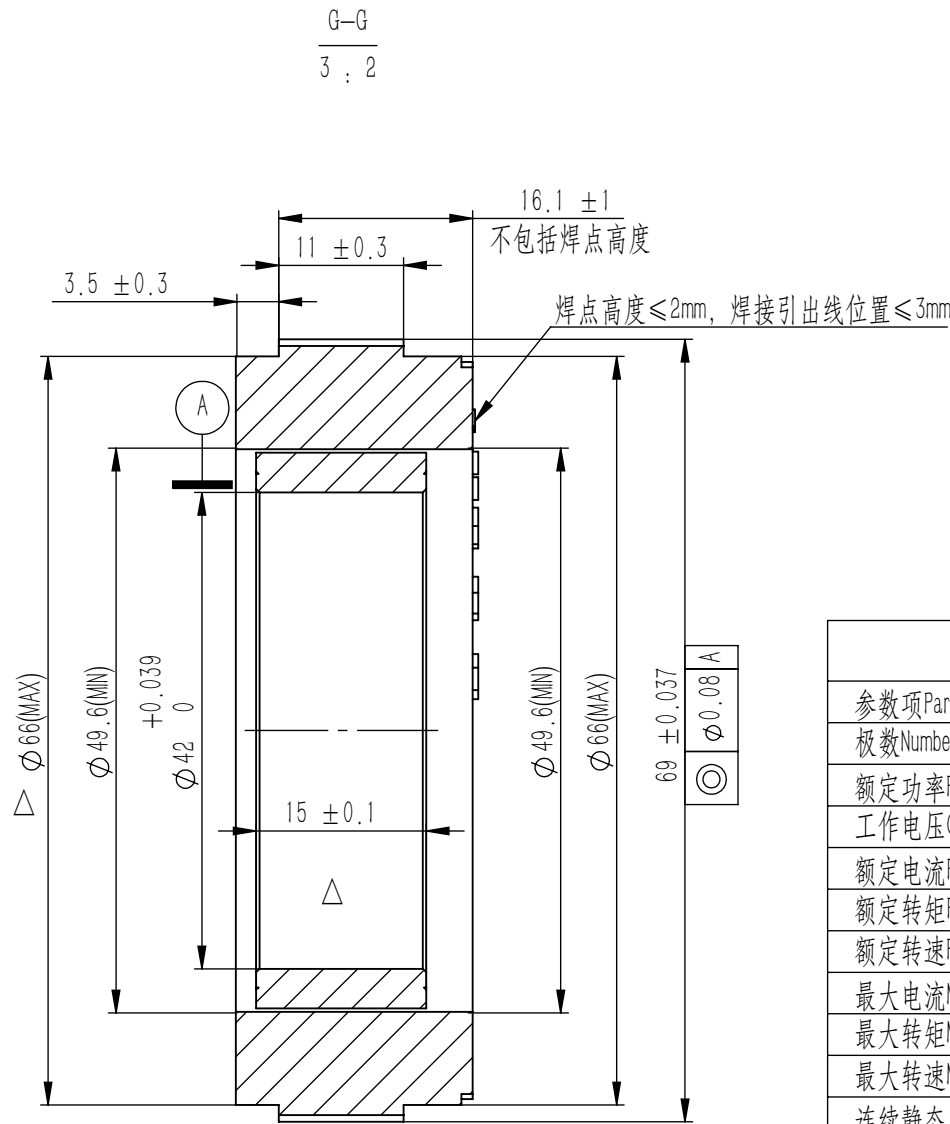
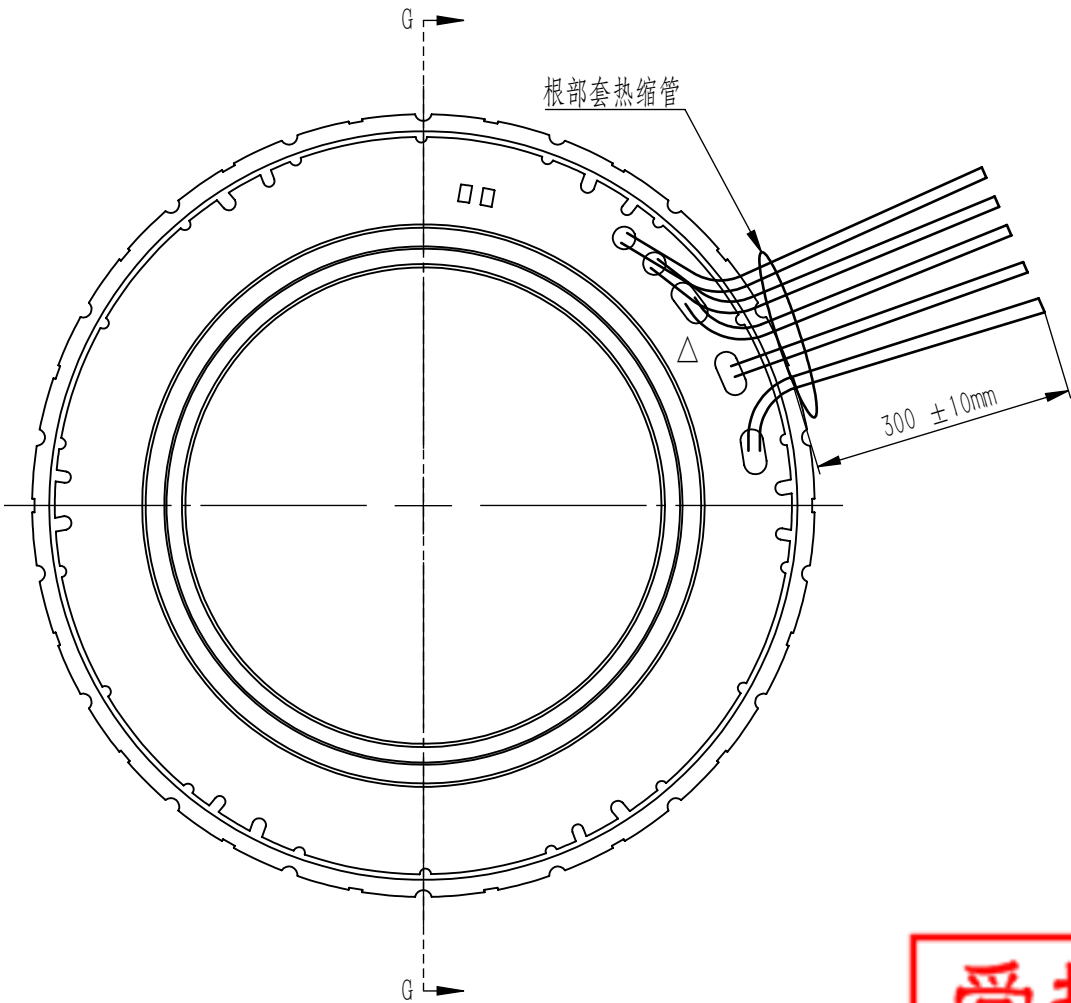
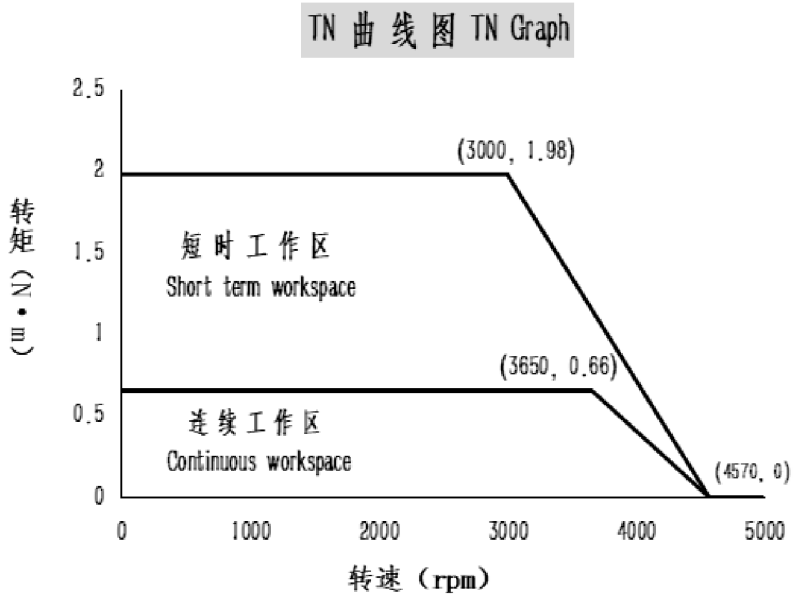




电机性能参数Motor performance parameters		
参数项Parameter item	单位Unit	参数值Parameter values
极数Number of poles	/	20
额定功率Rated Power	W	252
工作电压Operating supply voltage	V	48V DC
额定电流Rated Current	A	6.1
额定转矩Rated Torque	N · m	0.66
额定转速Rated Speed	rpm	3650
最大电流Maximum current	A	18.5
最大转矩Maximum torque	N · m	1.98
最大转速Maximum speed	rpm	4570
连续静态电流Standstill current	A	6.71
连续静态转矩Standstill torque	N · m	0.726
转动惯量Rotational inertia	kg · cm ²	0.24
线电阻Resistance line—line	Ω	0.3
线电感Inductance line—line	mH	0.295
反电动势常数EMF constant	v/krpm	7
转矩常数Torque constant	Nm/A	0.116
电气时间常数Electrical time constant	mS	0.938
机械时间常数Mechanical time constant	mS	0.48
电机重量Motor Weight *	kg	0.23
绝缘等级Insulation Class	/	F级
反馈装置Feed back device	/	
温度传感器Temperature Sensor	NTC热敏电阻	
冷却方法Cooling method	不通风全封闭式 Totally enclosed non-ventilated	

受控



技术要求Technical requirements:
1、带★要求，为产品重要和关键特性
Requirements marked with ★ indicate important and critical features of the product
2、引出线不能断开，绝缘层和线芯不能损伤
The outgoing line cannot be disconnected, and the insulation layer and wire core cannot be damaged

线束定义表Wire Signal Definition			
信号定义 Definition	引线颜色 Colour	线径 Wire Diameter	备注 Remarks
U	红 RD	20AWG	
V	黄 YE		
W	蓝 BU		
NTC	白 WH	26AWG	
	白 WH		

未注线性公差 Undeclared linear tolerance	V1.4	△	增加TN曲线，更新重量	PCD25282	2025/12/16	批准Approve	HH	2025/12/19	料号Part No	307091726	产品外形图Product Outline Drawing
0.5~3	±0.2	V1.3	△	设计优化，更新形位公差、REF数值	PCD25147	2025/10/20	标准化Standard	ZY	2025/12/19	型号Model	FMK07011-0025-3642N-10DP02
>3~6	±0.3	V1.2	△	增加转子厚度15±0.1	PCD25076	2025/09/16	工艺Technique	PHX	2025/12/19	版本Version	V1.4
>6~30	±0.5	V1.1	△	PCB板更新示意图，胶面尺寸66max	PCD250013	2025/08/13	审核Check	LDY	2025/12/19	比例Scale	3:2
>30~120	±0.8	V1.0	/	原始版本	新发布	2025/05/26	设计Design	LTL	2025/12/19	投影法	第一角投影法
>120~400	±1.2	VER	Mark	版本记录Version record	归档方式ECN No.	归档日期Date	评审Review	姓名Names	日期Date	投影方法 Projection methods	第一角投影法
										页码Page NO	Sheet 1 OF 1
										A3	

Kinco 步科
步科股份：688160
The copyright of this drawing belongs to our company and unauthorized dissemination is prohibited