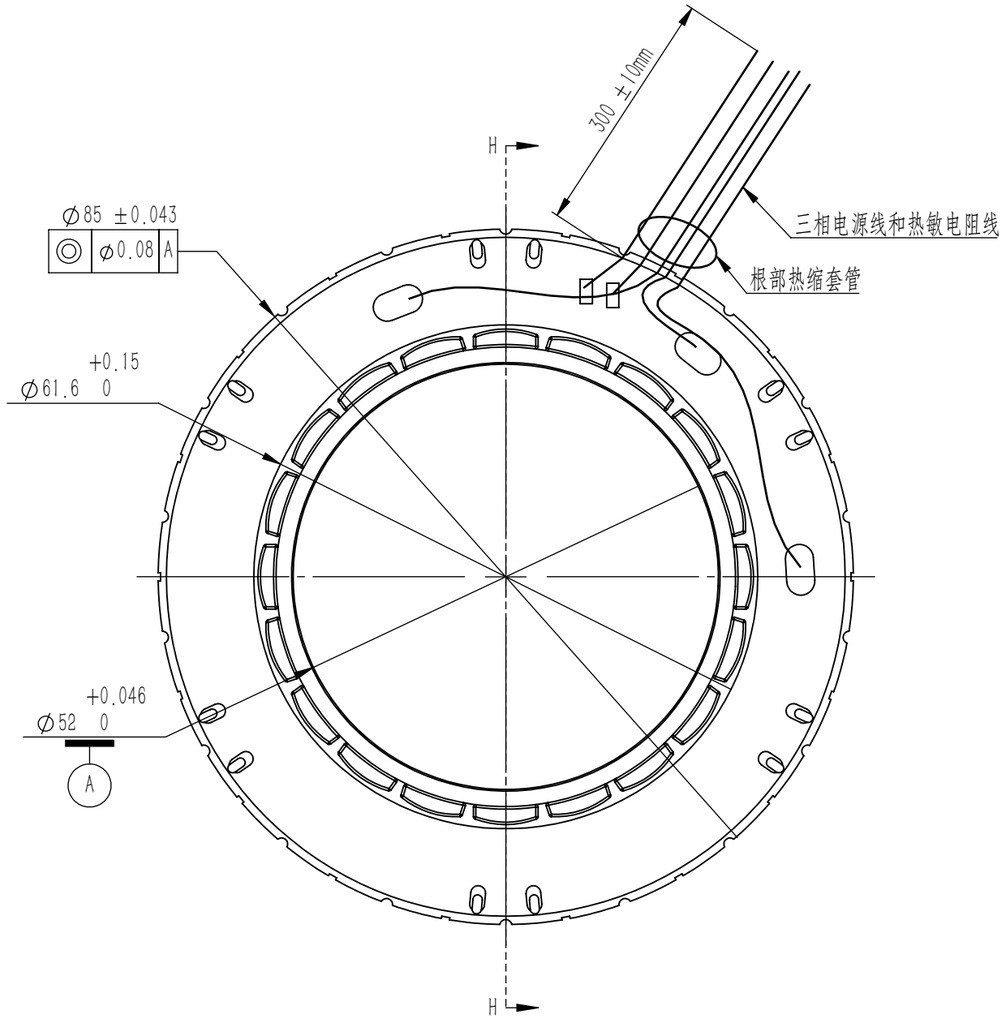
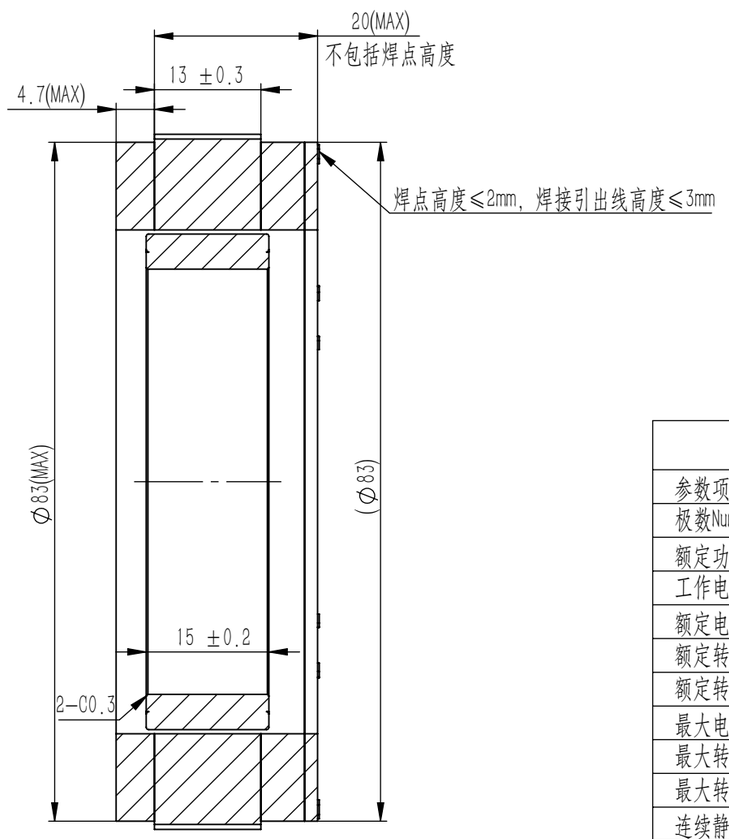


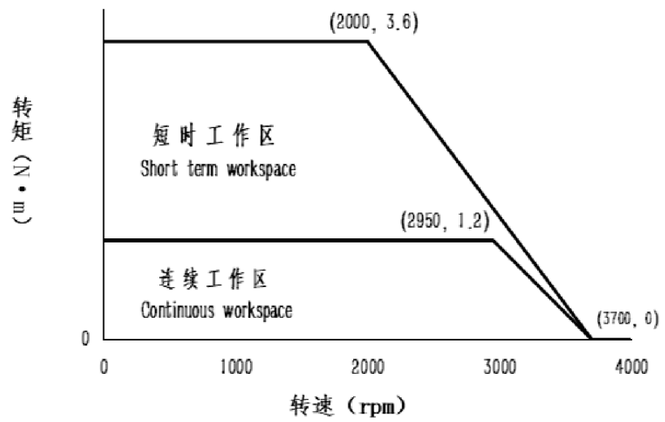
H–H
4 : 3



受控

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	370
工作电压Operating supply voltage	V	48V DC
额定电流Rated Current	A	9
额定转矩Rated Torque	N·m	1.2
额定转速Rated Speed	rpm	2950
最大电流Maximum current	A	27
最大转矩Maximum torque	N·m	3.6
最大转速Maximum speed	rpm	3700
连续静态电流Standstill current	A	9.9
连续静态转矩Standstill torque	N·m	1.32
转动惯量Rotational inertia	kg·cm2	0.62
线电阻Resistance line–line	Ω	0.22±10%
线电感Inductance line–line	mH	0.4±20%
反电动势常数EMF constant	v/krpm	8.5
转矩常数Torque constant	Nm/A	0.14
电气时间常数Electrical time constant	mS	2.1
机械时间常数Mechanical time constant	mS	1.1
电机重量Motor Weight *	kg	0.37
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	

TN 曲线图 TN Graph



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	18AWG	
V	黄 YE		
W	蓝 BU		
NTC	白 WH	26AWG	
	白 WH		

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

未注线性公差 Undeclared linear tolerance	
0.5～3	±0.2
>3～6	±0.3
>6～30	±0.5
>30～120	±0.8
>120～400	±1.2

V1.3	△	增加TN曲线，更新电机重量	PCD25282	2025/12/16	批准Approve	HH	2025/12/30	
V1.2	△	设计优化，更新形位公差、REF数值	PCD25147	2025/10/20	标准化Standard	ZY	2025/12/30	
V1.1	△	更新规格型号	PCD25019	2025/08/14	工艺Technique	PHX	2025/12/30	
V1.0	/	原始版本	新发布	2025/05/27	审核Check	LDY	2025/12/30	
VER	Mark	版本记录Version record	归档方式ECN No.	归档日期Date	设计Design	LTL	2025/12/30	
					评审Review	姓名Names	日期Date	

料号Part No	307091741
型号Model	FMK08513-0037-2952N-10DP02
版本Version	V1.3
比例Scale	4:3
投影法 Projection methods	

产品外形图Product Outline Drawing

Kinco 步科
步科股份：688160

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