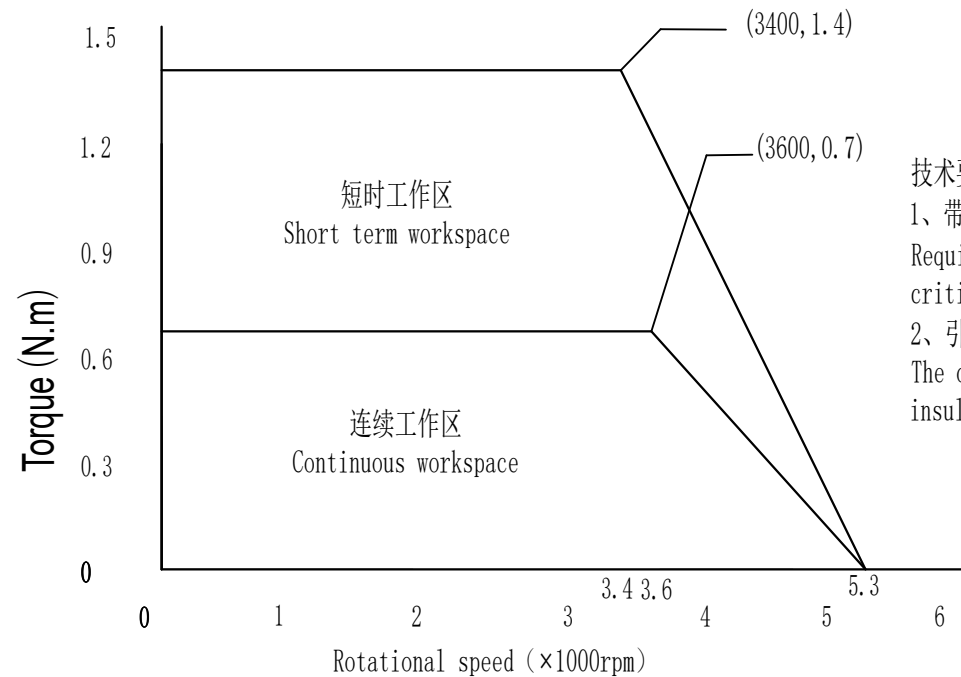
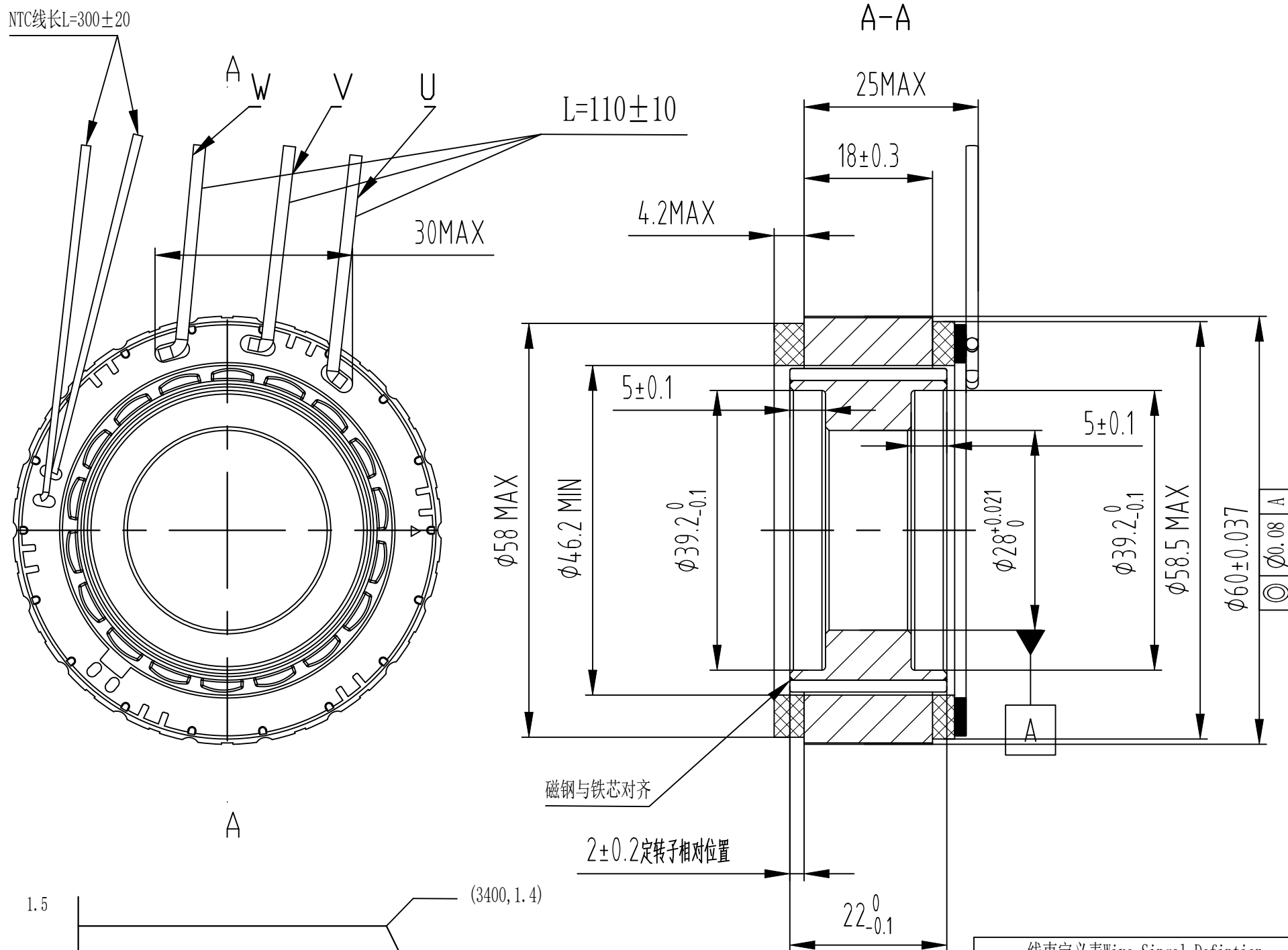




技术要求 Technical requirements:

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 Singal Defintion			
信号定义 Defintion	引线颜色 Colour	线径Wire Diameter	备注 Remarks
U相 MOTOR U	蓝 BU	20 AWG	
V相 MOTOR V	棕 BN		
W相 MOTOR W	紫 VT		
NTC1	白 WH	26 AWG	
NTC2	白 WH		

未注线性公差 Undeclared linear tolerance						
0.5~3	±0.2	V1.2		重量由0.29改为0.32	PCD25282	2025/12/16
>3~6	±0.3					
>6~30	±0.5	V1.1	/	同轴度公差0.08, 以转子铁芯内径为基准	PCD25147	2025/10/21
>30~120	±0.8	V1.0	/	原始版本	新发布	2025/8/22
>120~400	+1.2	VER	Mark	版本记录Version record	归档方式ECN No	归档日期Date

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	264
工作电压Operating supply voltage	V	48V DC
额定电流Rated Current	A	8.35
额定转矩Rated Torque	N·m	0.7
额定转速Rated Speed	rpm	3600±10%
最大电流Maximum current	A	9.18
最大转矩Maximum torque	N·m	1.4
最大转速Maximum speed	rpm	5300±10%
连续静态电流Standstill current	A	8.03
连续静态转矩Standstill torque	N·m	0.77
转动惯量Rotational inertia	kg·cm ²	0.175±10%
线电阻Resistance line-line	Ω	0.3±10%
线电感Inductance line-line	mH	0.3±20%
反电动势常数EMF constant	v/krpm	6.2±5%
转矩常数Torque constant	N·m	0.103
电气时间常数Electrical time constant	mS	2.33
机械时间常数Mechanical time constant	mS	0.91
电机重量Motor Weight	kg *	0.32
绝缘等级Insulation Class	/	F级
反馈装置Feed back device		
温度传感器Temperature Sensor	NTC(100K)	
冷却方法Cooling method	不通风全封闭式Totally enclosed non-ventilated	

批准Approve	LDY	2025/10/2	料号Part No	307092042	产品外形图Product Outline Drawing  Kinco 步科 步科股份：688160 The copyright of this drawing belongs to our company and unauthorized dissemination is prohibited		
标准化Standard	ZY	2025/10/2	型号Model	FMK06018-0026-3628N-10DP02			
工艺Technique	PHX	2025/10/2	版本Version	V1.2			
审核Check	DW	2025/10/2	比例Scale	1:1			
设计Design	CQ	2025/10/2	投影法				
评审Review	姓名Names	日期Date	投影方法 Projection methods		页码Page No	Sheet 1 OF 1	A2

受控