

A

B

C

D

E

F

A

B

C

D

E

F

G

H

A

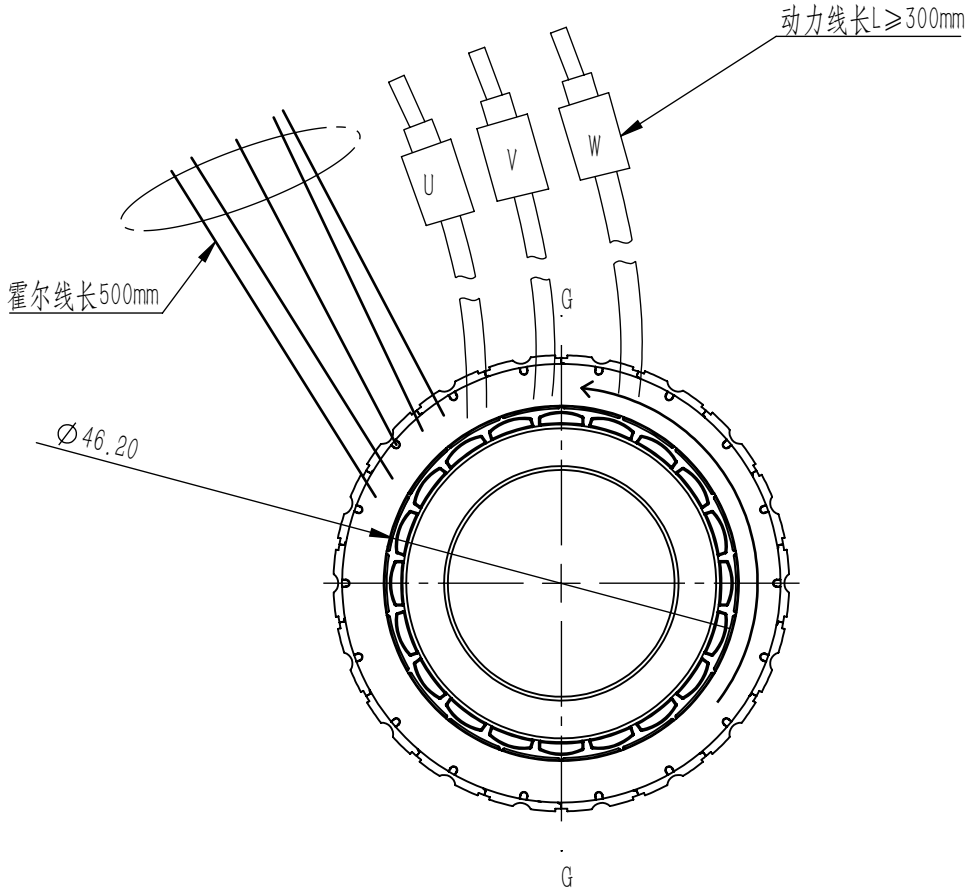
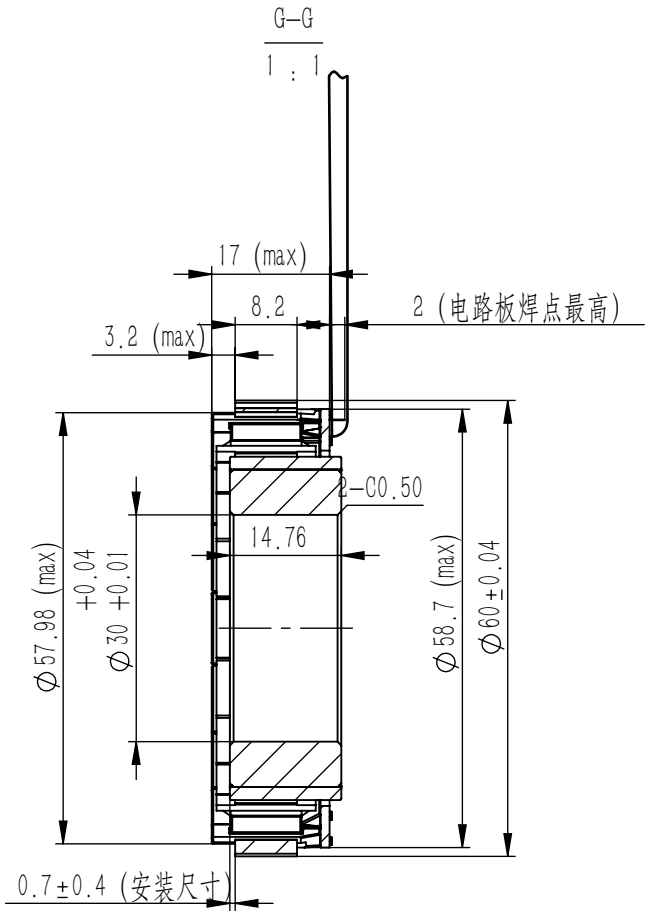
B

C

D

E

F



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	引线颜色	线径	备注
Definition	Colour	Wire Diameter	Remarks
U	蓝	20AWG	
V	棕		
W	紫		
GND	红	28AWG	
H-V	黄		
H-U	绿		
H-W	蓝		
VCC	黑		

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	75
工作电压Operating supply voltage	V	48
额定电流Rated Current	A	2.4
额定转矩Rated Torque	N·m	0.45
额定转速Rated Speed	rpm	1600
最大电流Maximum current	A	7.2
最大转矩Maximum torque	N·m	1.35
最大转速Maximum speed	rpm	2530
连续静态电流Standstill current	A	2.64
连续静态转矩Standstill torque	N·m	0.49
转动惯量Rotational inertia	kg·cm2	0.363
线电阻Resistance line—line	Ω	3.36
线电感Inductance line—line	mH	2.2
反电动势常数EMF constant	v/krpm	12.25
转矩常数Torque constant	Nm/A	0.2
电气时间常数Electrical time constant	mS	0.63
机械时间常数Mechanical time constant	mS	1.947
电机重量Motor Weight	kg	0.14
绝缘等级Insulation Class	/	F级
反馈装置Feed back device	霍尔	
温度传感器Temperature Sensor	/	
冷却方法Cooling method	不通风全封闭式 Totally enclosed non-ventilated	

未注线性公差 Undeclared linear tolerance						批准Approve	HH	2025/5/28	料号Part No	307091730	产品外形图Product Outline Drawing		
0.5~3	±0.2					标准化Standard	ZY	2025/5/28	型号Model	FMK06008-0007-1630H-10DP00	Kinco步科 步科股份：688160 The copyright of this drawing belongs to our company and unauthorized dissemination is prohibited		
>3~6	±0.3					工艺Technique	PHX	2025/5/28	版本Version	V1.0			
>6~30	±0.5					审核Check	LDY	2025/5/28	比例Scale	1.5:1			
>30~120	±0.8	V1.0	/	原始版本	新发布	2025/5/14	设计Design	DW	2025/5/28	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	页码Page NO		
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