

电机性能规格

MOTOR PERFORMANCE SPECIFICATION

法兰 FLANGE	130
额定功率(W) RATED POWER	1300
额定电压(V) RATED VOLTAGE	380
每相感应电压常数(mV/(r/min)) INDUCED VOLTAGE CONSTANT PER PHASE	*A
额定电流(A) RATED CURRENT	4.5
瞬时最大电流(A) INSTANTANEOUS MAXIMUM CURRENT	13.5
额定转矩(N.m) RATED TORQUE	8.28
瞬时最大转矩(N.m) INSTANTANEOUS MAXIMUM TORQUE	24.8
相q轴电感(mH) Q PHASE-AXIS INDUCTANCE	*A
相d轴电感(mH) D PHASE-AXIS INDUCTANCE	*A
线圈电阻(Ω) COIL RESISTANCE	*A
线圈电感(mH) COIL INDUCTANCE	*A
额定转速(rpm) RATED ROTATION SPEED	1500
最高转速(rpm) MAXIMUM ROTATION SPEED	4000
转子转动惯量无刹车(10^{-4} kg.m ²) ROTOR MOMENT OF INERTIA WITHOUT BRAKE	20.21
转子转动惯量带刹车(10^{-4} kg.m ²) ROTOR MOMENT OF INERTIA WITH BRAKE	21.41
转子极对数P NUMBER OF ROTOR POLES P	5
定子槽数S NUMBER OF STATOR SLOTS S	12
编码器类型 ENCODER RESOLUTION	23bit
电机绝缘等级 MOTOR INSULATION LEVEL	F
电机防护等级 MOTOR PROTECTION LEVEL	IP67

信号线连接

Encoder connector

端子号码 TERMINAL NUMBER	信号名 SIGNAL NAME	备注 NOTE
1	VCC	
2	GND	
3	-	
4	BATT	
5	+DO	
6	-DO	
7	-	
8	-	
9	BAT-	
10	SHIELD	

制动器连接

Brake connector

端子号码 TERMINAL NUMBER	信号名 SIGNAL NAME	备注 NOTE
1	BRK1	
2	BRK2	

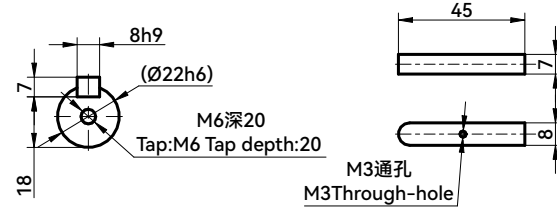
动力线连接

Power connector

端子号码 TERMINAL NUMBER	信号名 SIGNAL NAME	备注 NOTE
A	U	
B	V	
C	W	
D	FG	

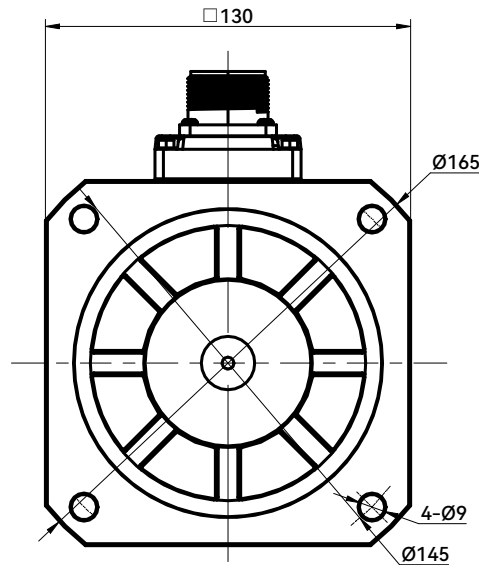
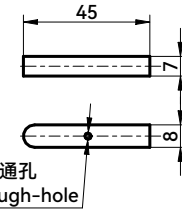
轴端面局部:

Shaft-end dimension:



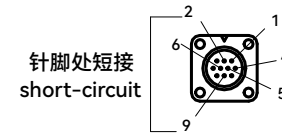
平键长度:

Flat key length:



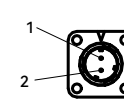
信号线插头:

Encoder connector:



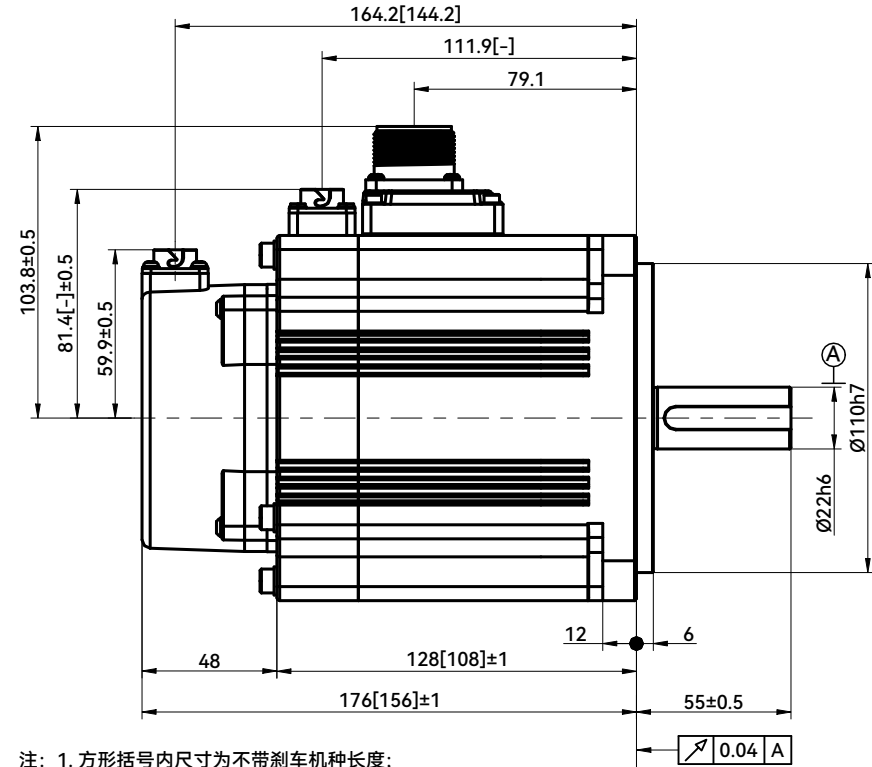
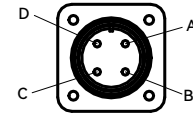
制动器插头:

Brake connector:



动力线插头:

Power connector:



注: 1. 方形括号内尺寸为不带刹车机种长度;

2. *A处详细参数请咨询我司技术人员。

Note: 1. Dimensions in brackets are for non-brake type length;

2. Please consult our technical personnel for detailed parameters at location *A.

客户回签
Customer signatureHCFA 浙江禾川科技股份有限公司
Zhejiang Hechuan Technology Co., Ltd1300W伺服电机
1300W Servo motor

X6MG130C-N(B)4LD

标记 MARK	处数 NUMBER OF REVISED	分区 SECTION	更改文件号 REVISED DOCUMENT NUMBER	签名 SIGNATURE	年月日 DATE	阶段标记 STAGE NUMBER	重量 WEIGHT	比例 SCALE
设计 DESIGN	1	1	2023.7.27	标准化 STANDARDIZATION				
审核 VERIFY	1	1	2023.7.27					
工艺 CRAFT				批准 APPROVE	2023.7.27			
						共 张 PAGE ,ALTOGETHER PAGE	第 张 PAGE	