

A

B

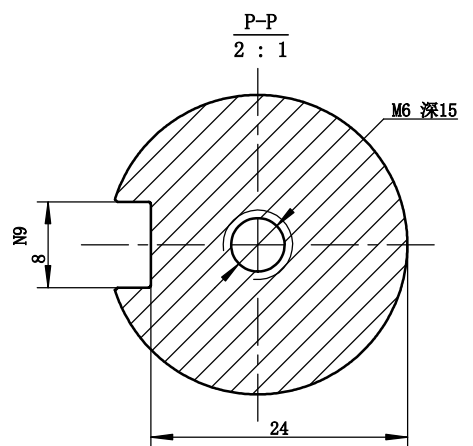
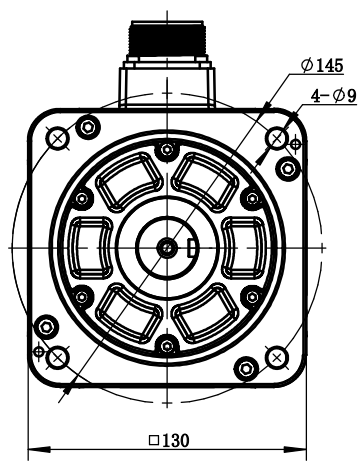
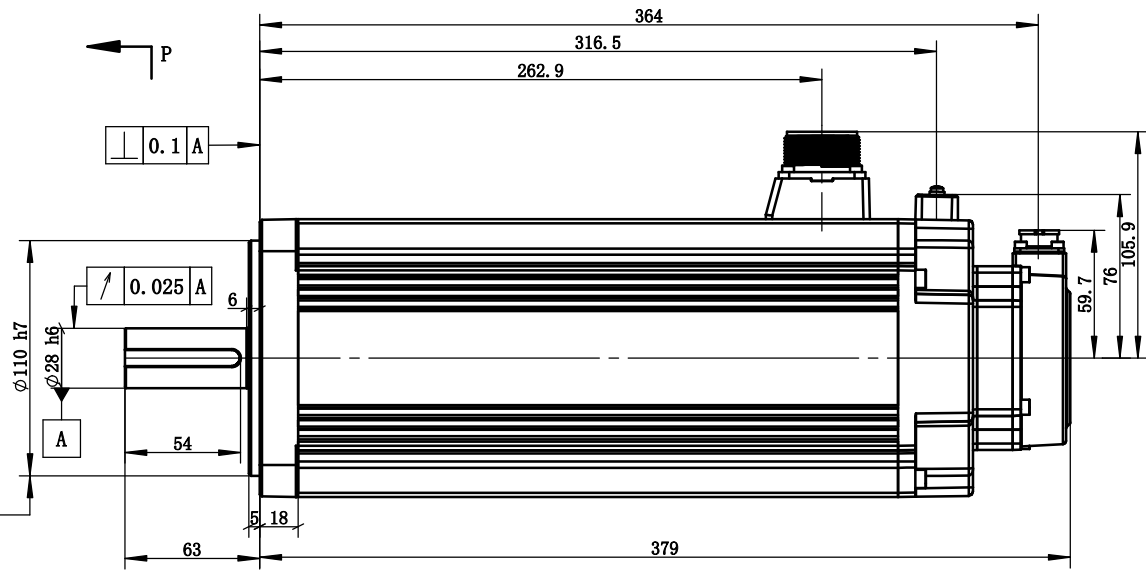
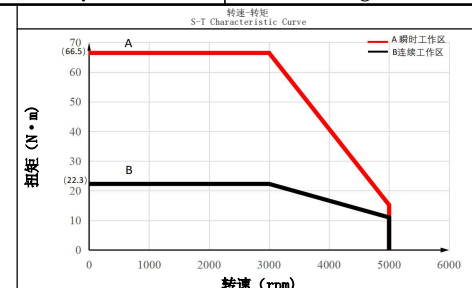
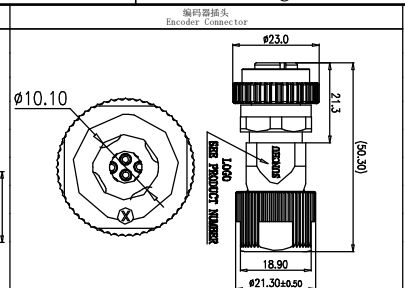
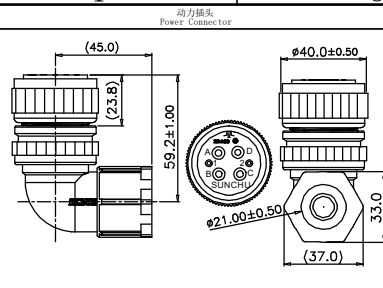
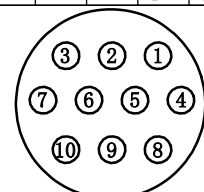
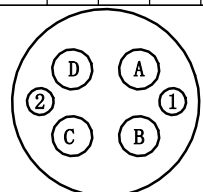
C

D

E

F

动力引出线 Power Connector				抱闸引出线 Brake Connector		编码器引出线 Encoder Connector							
位号 Terminal Number	A	B	C	D	1	2	2	3	4	5	6	7	10
颜色 Color	黄绿	蓝	黄	红	红(细)	黑(细)	红	黑	绿	绿黑	蓝	蓝黑	屏蔽层
定义 Definition	PE	W	V	U	BK+	BK-	5V	GND	485+	485-	电池+	电池-	屏蔽线



抱闸属性 Properties of the Brake	
额定电压 Rated Voltage	DC24±10%
静摩擦转矩 Static Friction Torque	≥23.5
转动惯量 Rotor Moment of Inertia	1.83x10 ⁻⁴
额定功率 Rated Power	23
吸引时间 Suction Time	≤100
释放时间 Release Time	≤60
释放电压 Release Voltage	≥1
回转背隙 Rotational Clearance	≤1° (20%额定扭矩测试)
备注 Remark	保持制动用, 禁止当刹车使用
吸引电压 Pickup Voltage	≤16.8
电机参数 Electric Machine Parameter	
型号 Specification And Type	MS6S-130TH30BZ2-47PO
惯量规格 Specification of Inertia	低 Low inertia
额定功率 Rated Power	7
额定转矩 Rated Torque	22.3
瞬时最大转矩 Instantaneous Maximum Torque	66.8
额定电流 Rated Current	18.5
瞬时最大电流 Instantaneous Maximum Current	55.5
额定转速 Rated Rotation Speed	3000
最高转速 Maximum Rotation Speed	5000
转动惯量 Rotor Moment of Inertia	13.14x10 ⁻⁴
电压等级 Voltage Level	380
编码器规格 Specification Of The Encoder	23 bit
耐压等级 Pressure Class	1800V 60S
绝缘电阻 Insulation Resistance	100MΩ DC500V以上 More Than 100MΩ DC500V
绝缘等级 Class Of Insulation	F
防护等级 Protection Level	IP67 (不含轴端) IP67 (Exclude Shaft End)
使用环境湿度 Humidity of Use Environment	20%~90%RH (不结露) 20%~90%RH (Non-dewfall)
使用环境温度 Operating Ambient Temperature	-10℃~40℃ (不结冰) -10℃~40℃ (Non-frozen)
储存湿度 Storage Humidity	20%~90%RH (不结露) 20%~90%RH (Non-dewfall)
储存温度 Storage Temperature	-20℃~60℃
冷却方式 Cooling Type	自然冷却 Natural cooling

注: 拿取电机应手握电机壳体本体, 严禁拉拽电动力线、编码器引出线。
严禁敲打电机任何位置, 轻拿轻放。

Note: Take the motor should hold the motor shell body. It is strictly prohibited to pull the power line of the motor and the lead line of the encoder.
It is strictly prohibited to tap the motor, take and put it lightly.

1 新归档

版本 更改方式 日期 签字 更改说明

设计 校对 审核 工艺

标准化 校对 会签 批准

阶段标记 版本 重量 比例

共 1 张 第 1 张 Page 1 of 1

XINJE 无锡信捷电气股份有限公司
Wuxi Xinje Electric Co., Ltd.

7KW伺服电机(抱闸)

MS6S-130TH30BZ2-47PO