

A

B

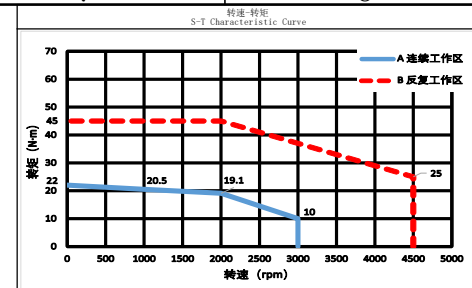
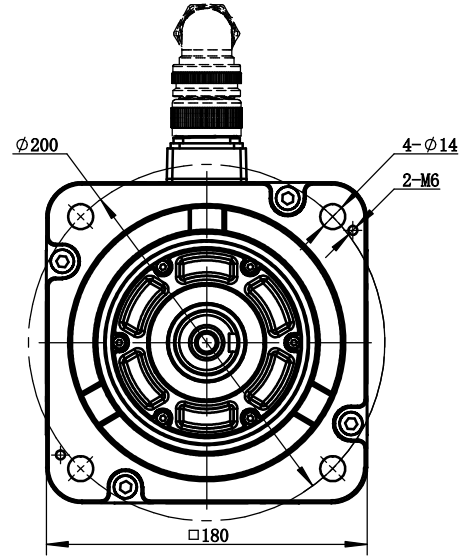
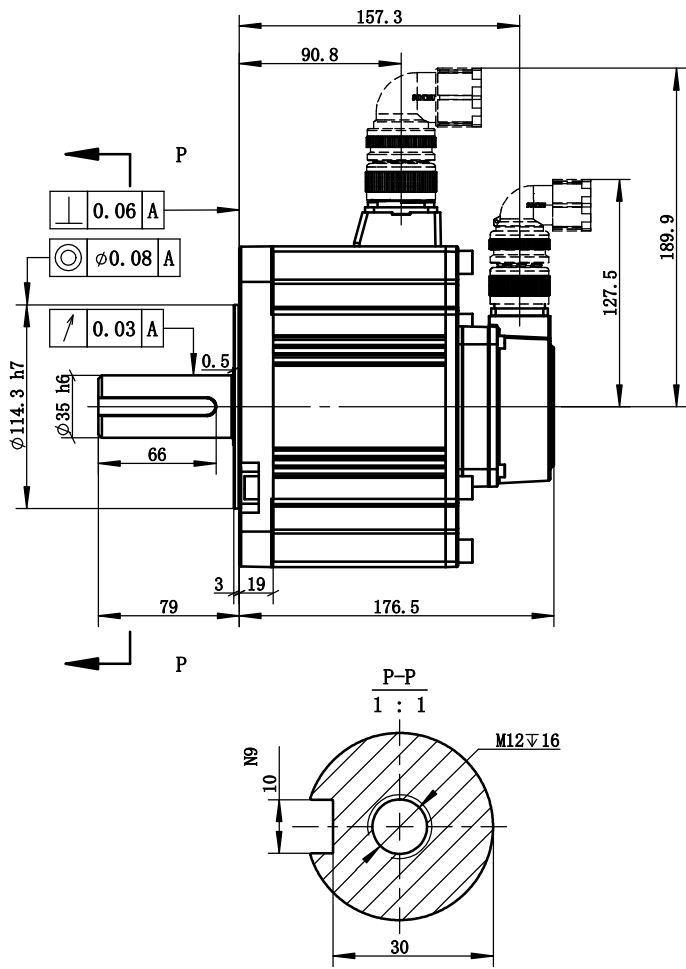
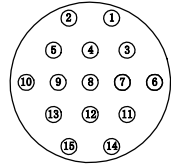
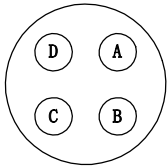
C

D

E

F

动力引出线 Power Connector					编码器引出线 Encoder Connector				
位号 Terminal Number	A	B	C	D	1	3	4	6	7
颜色 Color	黄绿 yellow-green	蓝 blue	黄 yellow	红 red	屏蔽层 shielding layer	橙 orange	蓝 blue	灰 gray	棕 brown
定义 Definition	PE	W	V	U	屏蔽线 shielding wire	485+	485+	GND	电池+ cell+



电机参数 Electric Machine Parameter	
型号 Specification And Type	MS6G-180TH15B2-43PO
惯量规格 Specification Of Inertia	中惯量 Moment Of Inertia
额定功率kW Rated Power	3.0
额定转矩N.m Rated Torque	19.1
瞬时最大转矩N.m Instantaneous Maximum Torque	47.75
额定电流A Rated Current	10.5
瞬时最大电流A Instantaneous Maximum Current	26.26
额定转速rpm Rated Rotation Speed	1500
最高转速rpm Maximum Rotation Speed	4500
转动惯量kg.m² Rotor Moment Of Inertia	45790×10 ⁻⁷
电压等级V Voltage Level	380
编码器规格 Specification Of The Encoder	19bit
径向允许负载N Radial allowable load	1470
轴向允许负载N Axial allowable load	490
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	IP 67 (不含轴端) IP 67 (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℃ (不冻结) -10℃~40℃ (Non-frozen)
储存湿度RH 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

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 会签 会签 批准

阶段标记 版本 重量 比例

共 1 张 第 1 张

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

3.0kW伺服电机

MS6G-180TH15B2-43PO

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.