

A

B

C

D

E

F

A

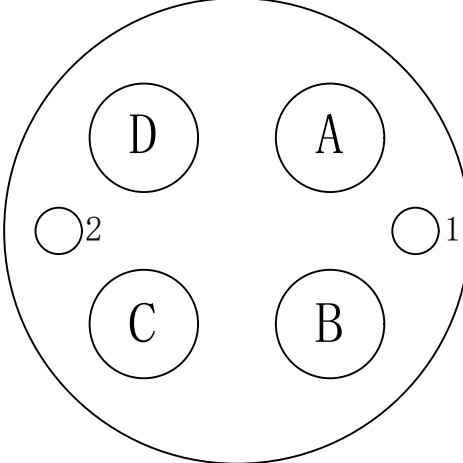
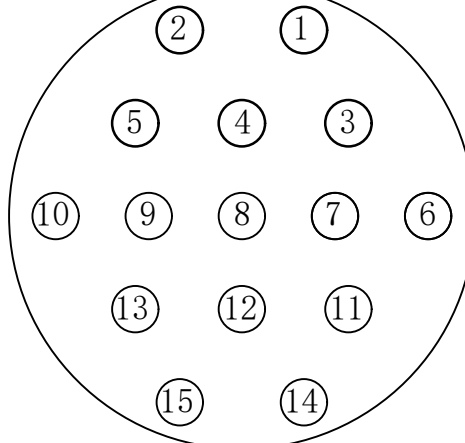
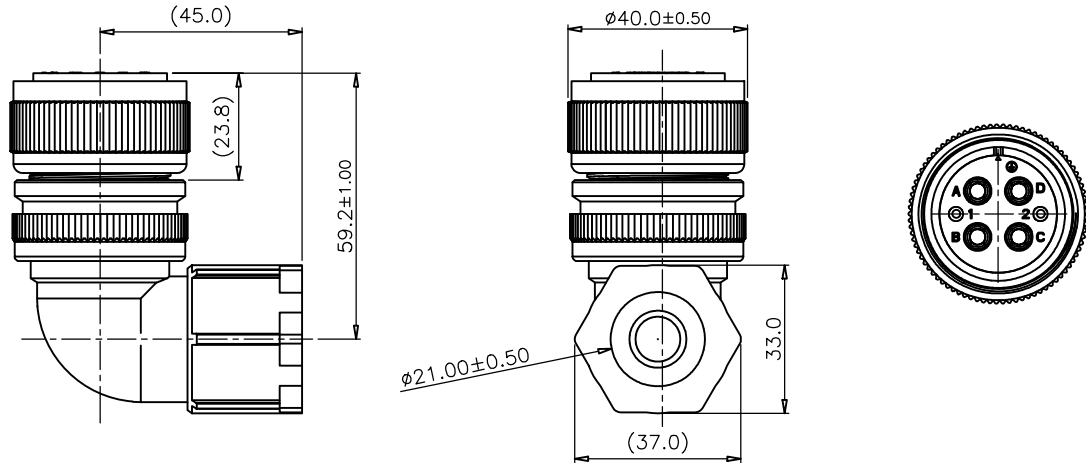
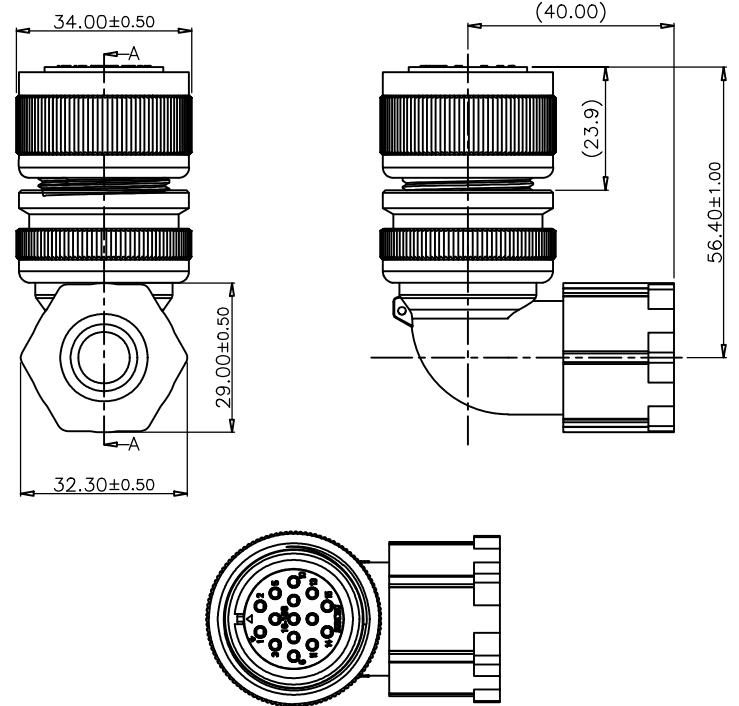
B

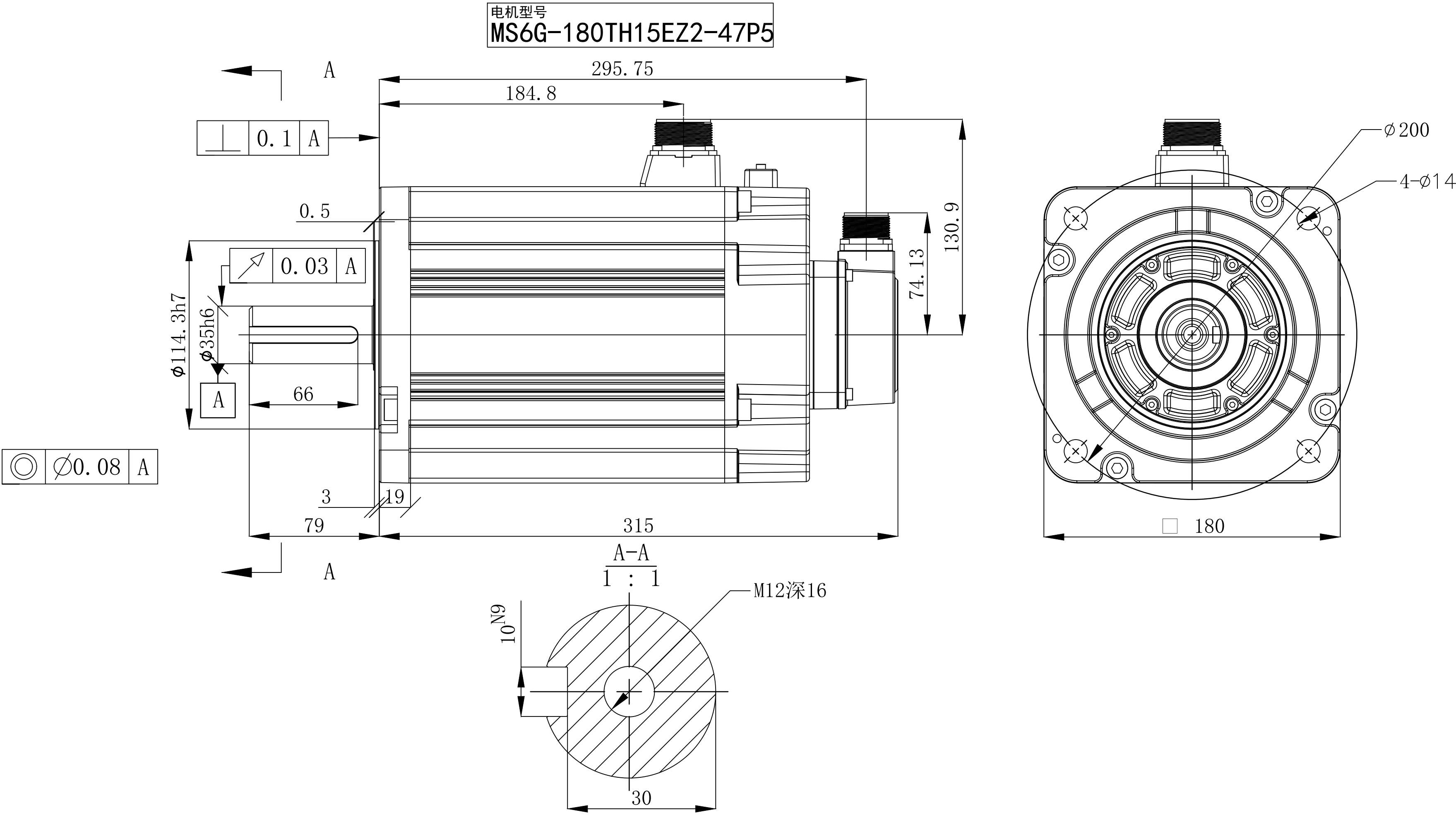
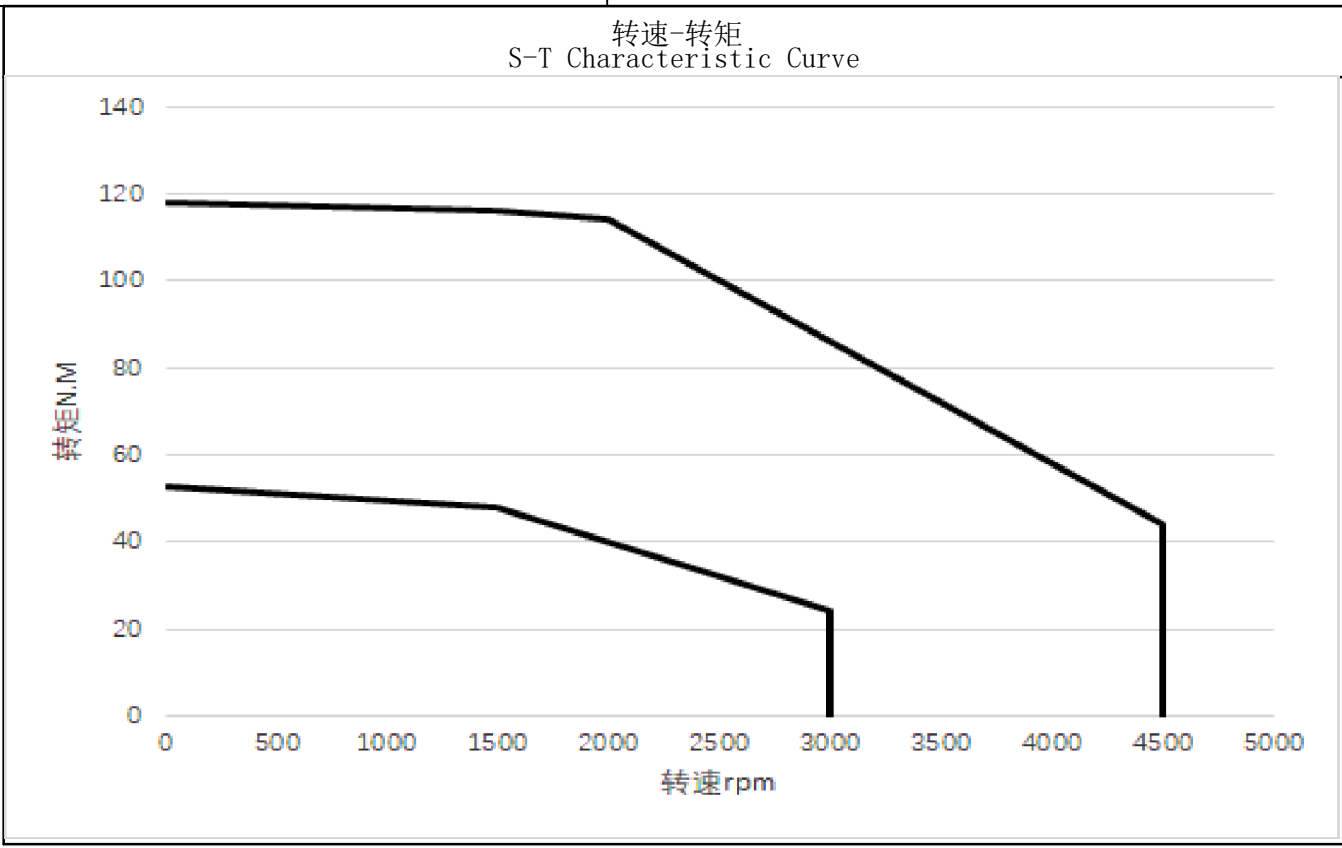
C

D

E

F

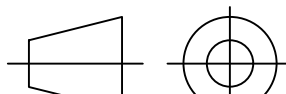
动力引出线 Power Connector					抱闸引出线 Brake Connector		编码器引出线 Encoder Connector							动力插头 Power Connector				编码器插头 Encoder Connector			
位号 Terminal Number	A	B	C	F	1	2	1	3	4	6	7	8	9								
颜色 Color	黄绿	蓝	黄	红	红(细)	黑(细)	屏蔽层	橙	蓝	灰	棕	红	绿								
定义 Definition	PE	W	V	U	BK+	BK-	屏蔽线	485-	485+	GND	电池-	5V	电池+								
																					



抱闸属性 Properties of the Brake	
额定电压V Rated Voltage	24
静摩擦转矩N·m Static Friction Torque	55
转动惯量kg·m² Rotor Moment Of Intertia	7.65×10 ⁻⁴
额定功率W Rated Power	31
吸引时间ms Suction Time	200
释放时间ms Release Time	100
吸引电压V Pickup Voltage	16.8
释放电压V 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 Used to maintain braking, prohibit the use of brakes
电机参数 Electric Machine Parameter	
型号 Specification And Type	MS6G-180TH15EZ2-47P5
惯量规格 Specification Of Inertia	中惯量
额定功率kW Rated Power	7.5
额定转矩N·m Rated Torque	48
瞬时最大转矩N·m Instantaneous Maximum Torque	120
额定电流Arms Rated Current	25
瞬时最大电流Arms Instantaneous Maximum Current	62.5
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 Intertia	144500×10 ⁻⁷
电压等级V Voltage Level	380
编码器规格 Specification Of The Encoder	23bit
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 (不含轴端) IP (Exclude Shaft End)
使用环境湿度RH 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℃ (不结露) -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

注：拿取电机应手握电机壳体本体，严禁拉拽电机动力线、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.

										 无锡信捷电气股份有限公司 Wuxi Xinje Electric Co., Ltd.																			
1		新归档/替换																											
版本		更改方式				日期		签字		更改说明																			
Edition		Modifications of the change				Date		Signature		Description of the change																			
														7.5Kw伺服电机 MS6G-180TH15EZ2-47P5															
设计						标准化						阶段标记												版本		重量		比例	
Designed						Standardized						Stage Mark												Edition		Weight		Scale	
校对																								1				1:5	
校核								会签																					
Checked								Countersign																					
工艺								批准						共 1 张		第 1 张		张 of											
Processed								Approved																					