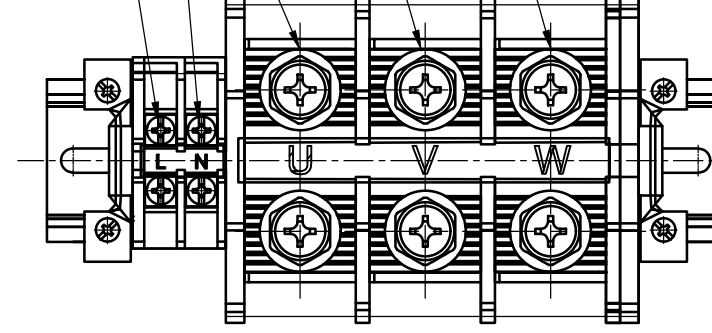
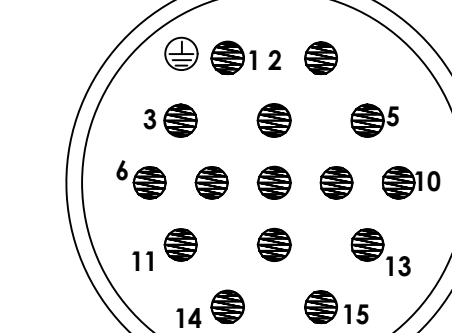
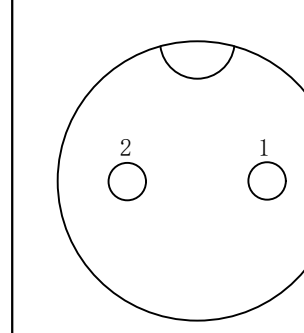


动力引出线 Power Connector				电工引出线 Electricians Connector		编码器引出线 Encoder Connector									抱闸引出线 Brake Connector	
位号 Terminal Number	1	2	3	4	5	1	3	4	6	7	8	9	14	15	1	2
颜色 Color	red	green	blue	黑 black	黑 black	屏蔽层 shielding layer	黄 yellow	蓝 blue	黑 black	白 white	红 red	棕 brown	黑 black	黑 black	黑 black	黑 black
定义 Definition	U	V	W	L	N	屏蔽线 screening wire	485-	485+	GND	电池- cell-	5V	电池+ cell+	测温传感器 thermometric sensor	测温传感器 thermometric sensor	BK1	BK2
																

Technical drawing of a Power Connector. The drawing shows a side view of a cylindrical component with a flange on the left and a threaded section on the right. Dimensions are provided for the outer diameter (d2), length (L), and thread specifications (B, E, d, D).

Dimensions:

- d2 = 8.3 ± 0.04MM
- L = 27 ± 0.5MM
- B = 12 ± 0.3MM
- E = 9.8 - 10.5MM
- d = 5 ± 0.2MM
- D = 6.5 ± 0.15MM

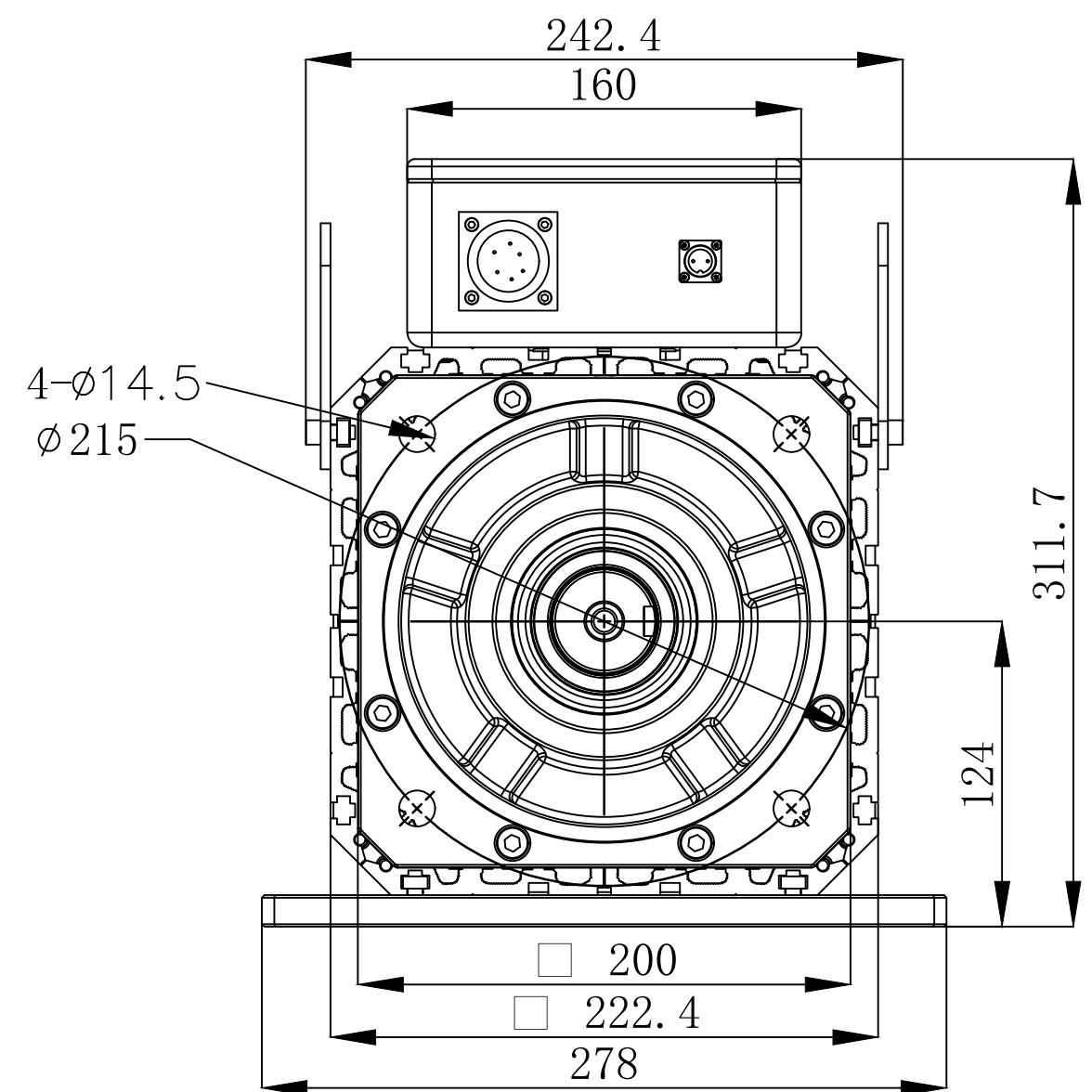
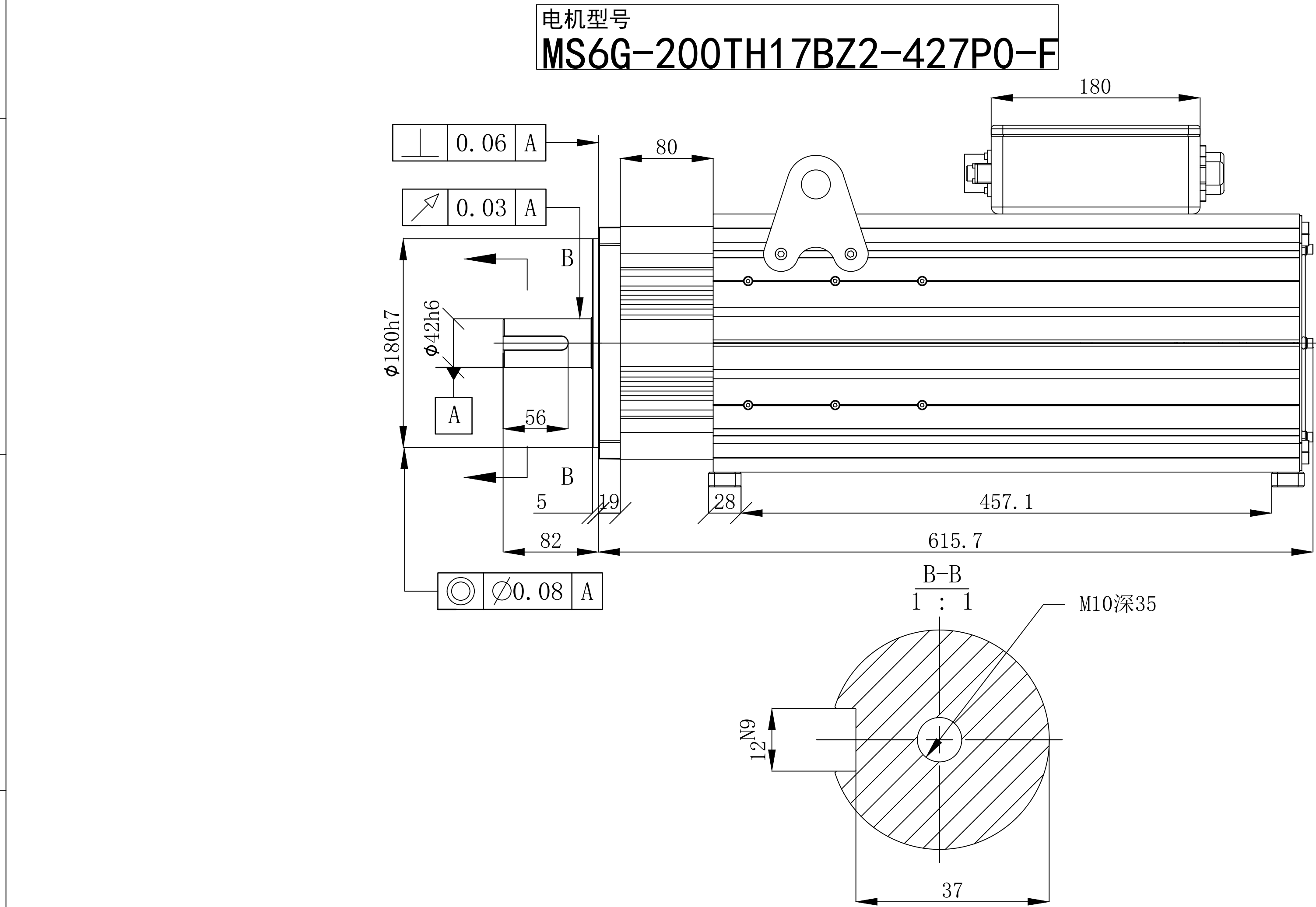
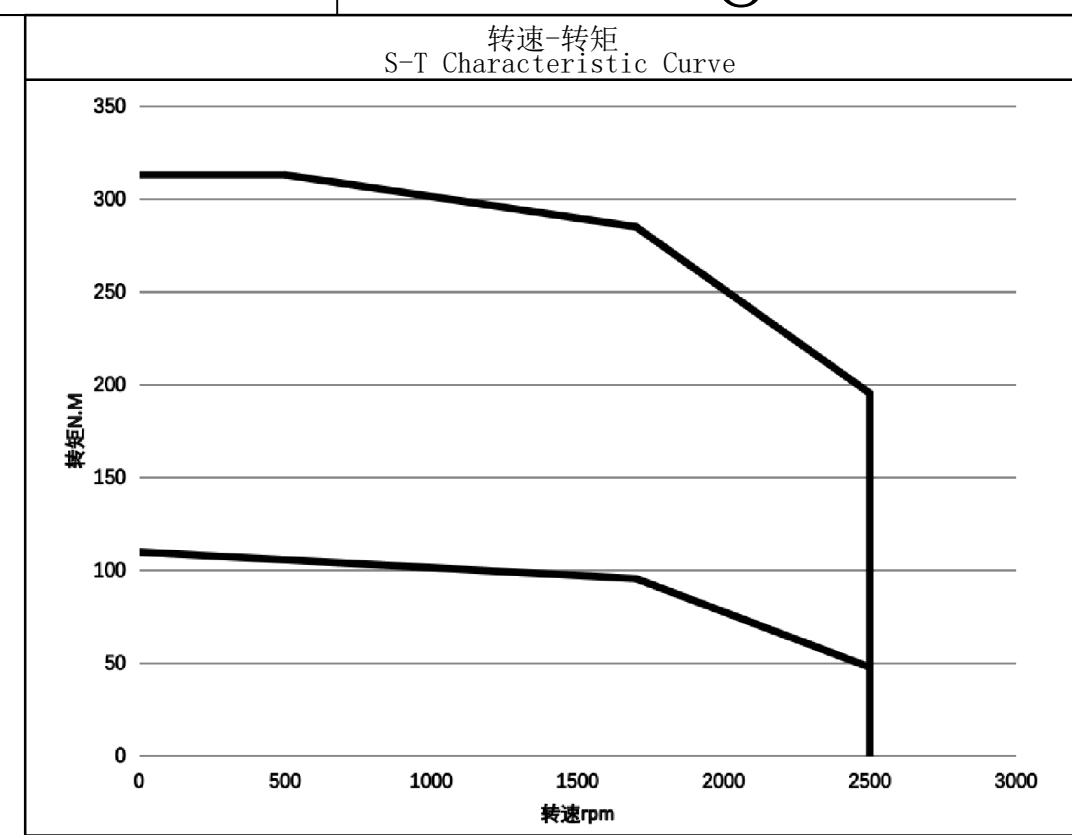
编码器插头
Encoder Connector

型号	A	B	C	D	E	F	G	H	K
YD32	42	Φ32	Φ32	Φ3.7	42	Φ38	Φ32	75	75

Technical drawing of a Brake Connector (M12x0.75) showing front, side, and rear views with dimensions.

Dimensions:

- Overall length: 15.6
- Distance from front face to center of pin: 5
- Distance from center of pin to rear face: 9.1
- Thread specification: M12x0.75
- Pin diameter: 3
- Pin length: 12

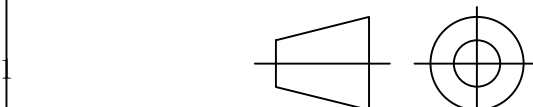


风扇参数	
额定电压V Rated Voltage	220
额定电流A Rated Current	0.38
额定转速rpm Rated Rotation Speed	5000±10%
工作电压范围V Range of working voltage	150-270
抱闸属性	
额定电压V Rated Voltage	24
静摩擦转矩N·m Static Friction Torque	≥150
转动惯量kg·m ² Rotor Moment of Inertia	6081×10 ⁻⁷
额定功率W Rated Power	61
吸气时间ms Suction time	≤242
释放时间ms Release time	≤38
吸引电压V Pickup Voltage	≤19.2
释放电压V Release Voltage	≥0.8
回转背隙° Rotational Clearance	/
备注 Remark	保持制动用，禁止当刹车使用 Used to maintain braking, prohibi the use of brakes

电机参数		Parameter
型号 Specification And Type	MS6G-200TH17BZ2-427P0-F	
惯量规格 Specification Of Inertia	中惯量 Medium inertia	
额定功率kW Rated Power	27	
额定转矩N·m Rated torque	150	
瞬时最大转矩N·m Instantaneous Maximum Torque	375	
额定电流Arms Rated Current	35	
瞬时最大电流Arms Instantaneous Maximum Current	87.5	
额定转速rpm Rated Rotation Speed	1700	
最高转速rpm Maximum Rotation Speed	2500	
转动惯量kg·m ² Rotor Moment Of Intertia	264545×10 ⁻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	IP54 (不含轴端) IP54 (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℃ (不结冻) -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	风冷 Wind cooling	

注：拿取电机应手握电机壳体本体，严禁拉拽电机动动力线、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																																			
版本更改方式					日期签字				更改说明																											
Edition					Modilities of the change				Date				Signature				Description of the change																			
																	27Kw伺服电机																			
设计						标准化				阶段标记		版本		重量		比例		MS6G-200TH17BZ2-427P0-																		
校对						会签																														
审核						会签						1		85.1kg		1:4.5																				
工艺						批准				共 1 张		第 1 张		of																						
Designed						Standardized				Stage Mark		Edition		Weight		Scale																				
Proofread						Countersign																														
Checked						Countersign								1		85.1kg		1:4.5																		
Processed						Approved				共 1 张		第 1 张		of																						

27Kw伺服电机

