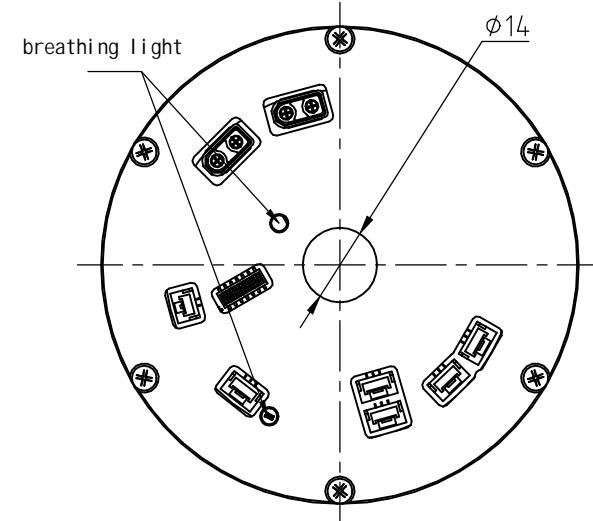
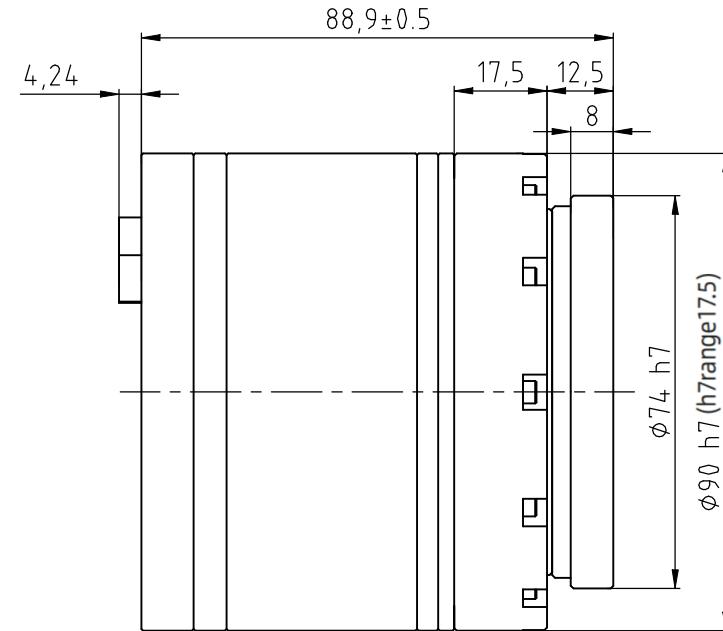
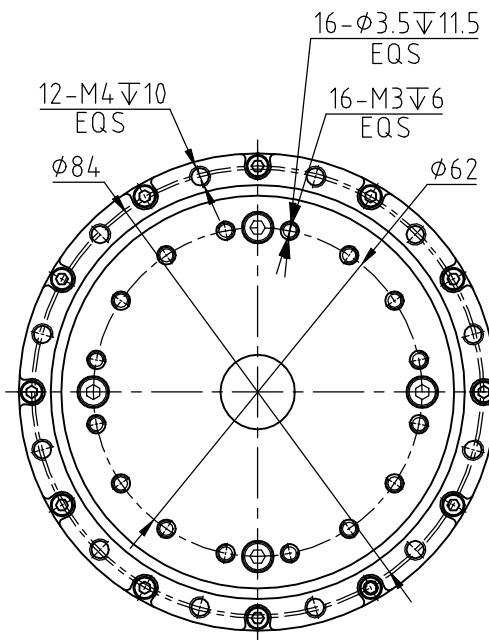
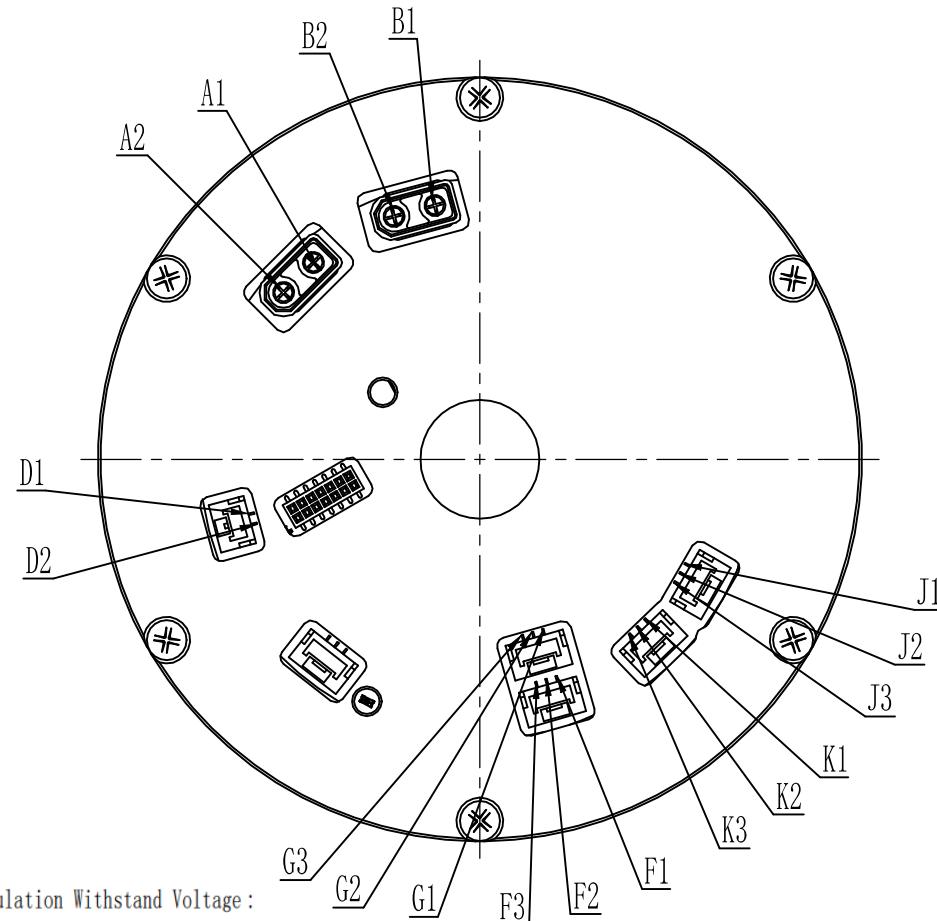


Sign



				Rotary actuator			L90I-C-XXX-BF-C00	
标记	处数	更改内容	签 字				日 期	
设 计				客户图样标记  			重量 (kg)	
审 核							比例	
批 准				1:1				
工 艺 会 签								
共 2 页				第 1 页				
A4								
版 本 号								
Laiiful Drive								
浙江来福谐波传动股份有限公司								



Technical Requirements:

1. Insulation Resistance (DC500V) > 500MΩ ; Insulation Withstand Voltage: AC1500V (1 minute); Less than 5 mA
2. Motor-side Encoder Resolution: 16-bit multi-turn, 17-bit single-turn ; Reducer-side Encoder Resolution: 17-bit single-turn;
3. Bus Protocol: CANopen;
4. Appearance: No visible burrs, scratches, dents, or other defects;
5. Operating Temperature: -25~55°C;
6. Positioning Accuracy: 60 arc seconds unidirectional; Repeatability: 20 arc seconds.

Module Signal Definition		
Pin No.	Signal Name	Remarks
A1/B1	VBUS+	Bus Power Input/Output Positive
A2/B2	VBUS-	Bus Power Input/Output Negative
D1	BAT+	Multi-turn Encoders Backup Battery Positive
D2	BAT-	Multi-turn Encoders Backup Battery Negative
F1/G1	CAN_H	Can Bus High
F2/G2	CAN_GND	Can Bus Ground
F3/G3	CAN_L	Can Bus low
J1/K1	RS485_A	RS485 Bus A Terminal
J2/K2	RS485_GND	RS485 Bus Ground
J3/K3	RS485_B	RS485 Bus B Terminal

Module Data										Rotary actuator				L90I-C-XXX-BF-C00					
Ratio	Rated Torque (Nm)	Permissible peak torque at start/stop (Nm)	Instantaneous permissible max.torque (Nm)	Rated Speed (rpm)	Max.Speed (rpm)	Rated Current (A)	Max.Current (A)	Tq-Constant (Nm/Arms)	Inertia Moment (kg·mm²)	Weight (kg)	标记	处数	更改内容	签 字	日 期				
51	44	73	127	58.8	78.4	11.81	19.59	3.73	101	1.86 (With Brake)	设	计				客户图样标记	重量(kg)	比例	
81	61	96	165	37	49.4	9.63	15.15	6.34			审	核							
101	64	107	191	29.7	39.6	8.10	13.54	7.90			批	准							
121	64	113	191	24.8	33.1	6.76	11.94	9.47		1.77 (Without Brake)	工	艺	会	签				1:1	
											电	气	版	本	号	A4	共 2 页	第 2 页	