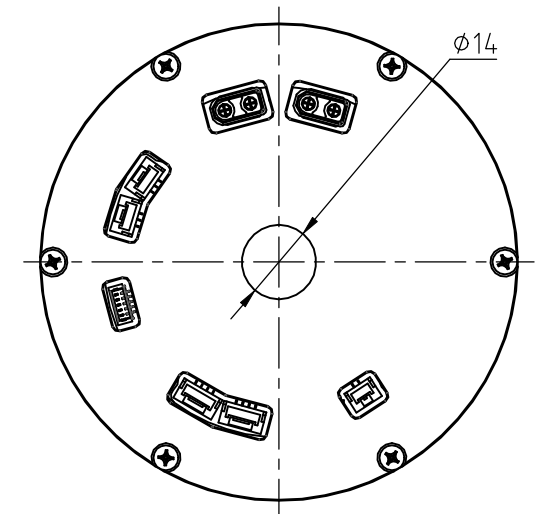
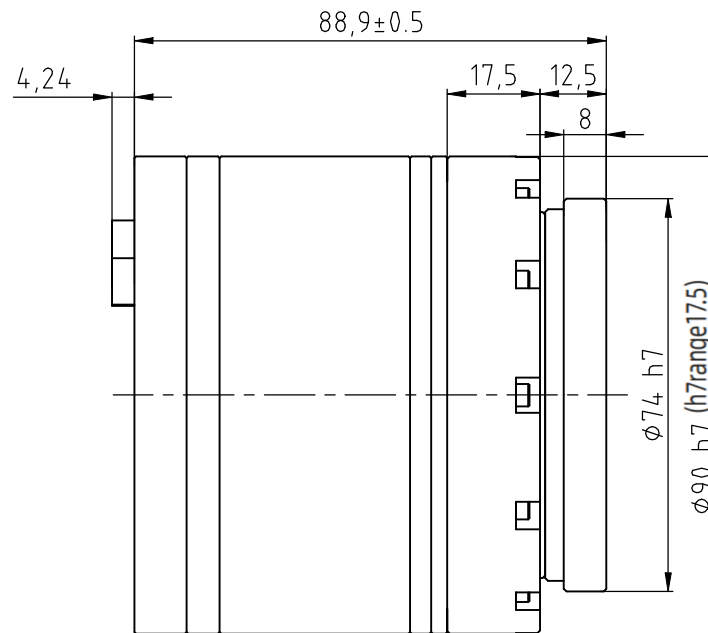
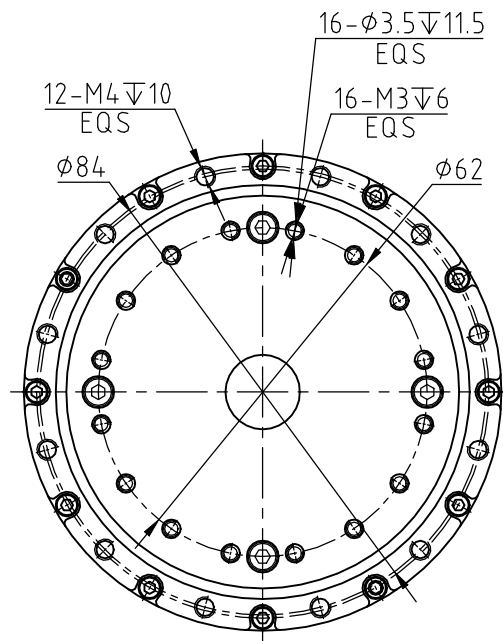
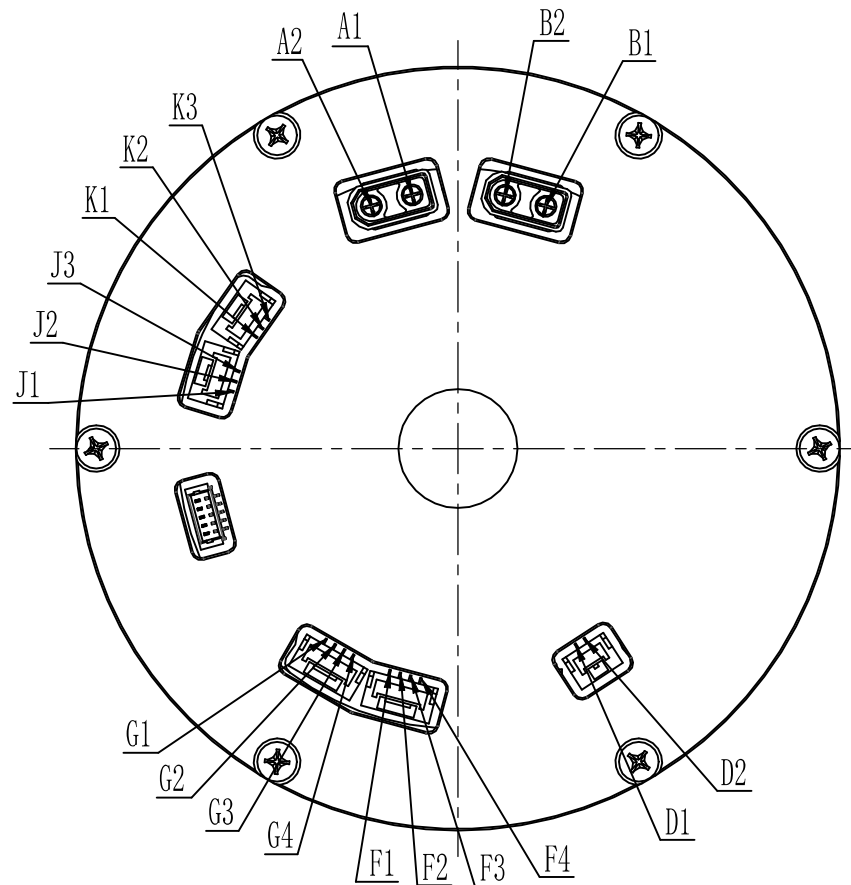


Sign



					Rotary actuator				L90I-E-XXX-BF-C00					
									客户图样标记		重量(kg)	比 例	1:1	 浙江来福谐波传动股份有限公司
标记	处数	更改内容	签 字	日 期										
设 计														
审 核														
批 准										 浙江来福谐波传动股份有限公司				
工艺会签														
		版本号		A4		共 2 页		第 1 页						

Sign



Technical requirements:

1. Insulation resistance (DC500V) > 500MΩ, insulation withstand voltage AC500V (1 minute), less than 5mA;
2. Motor-side encoder resolution: 16-bit multi-turn, 17-bit single-turn;
3. Encoder resolution at reducer end: 17-bit singleturn;
4. Bus protocol: EtherCAT.
5. Appearance without obvious burrs, scratches, bumps and other defects;
6. Operating temperature: -25-55°;
7. Unidirectional positioning accuracy: 60Arc sec, repeat positioning accuracy: 20Arc sec.

Module Signal Definition

Pin NO.	Signal Name	Remarks
A1/B1	VBUS+	VBUS+Bus Power Input/ Output Positive Terminal
A2/B2	VBUS-	VBUS-Bus Power Input/ Output Negative Terminal
D1	BAT+	BAT+Multiturn Encoder Backup Battery Positive Terminal
D2	BAT-	BAT-Multiturn Encoder Backup Battery Negative Terminal.
F1	E1_RX+	E1_RX+EtherCAT Output Receive Positive Terminal
F2	E1_RX-	E1_RX-EtherCAT Output Receive Negative Terminal
F3	E1_TX+	E1_TX+EtherCAT Output Transmit Positive Terminal
F4	E1_TX-	E1_TX-EtherCAT Output Transmit Negative Terminal
G1	E0_RX+	E0_RX+EtherCAT Input Receive Positive Terminal
G2	E0_RX-	E0_RX-EtherCAT Input Receive Negative Terminal
G3	E0_TX+	E0_TX+EtherCAT Input Transmit Positive Terminal
G4	E0_TX-	E0_TX-EtherCAT Input Transmit Negative Terminal
J1/K1	RS485_A	RS485_A RS485 Bus A Terminal
J2/K2	RS485_GND	RS485_GND RS485 Bus Ground
J3/K3	RS485_B	RS485_B RS485 Bus B Terminal

Module Data

Module Data																Rotary actuator			L90I-E-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														
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		1.77 (Without Brake)	批 准						客户图样标记		重量(kg)	比 例					
121	64	113	191	24.8	33.1	6.76	11.94	9.47			工艺会签										1:1				
																版本号		A4		共 2 页		第 2 页		 浙江来福谐波传动股份有限公司	