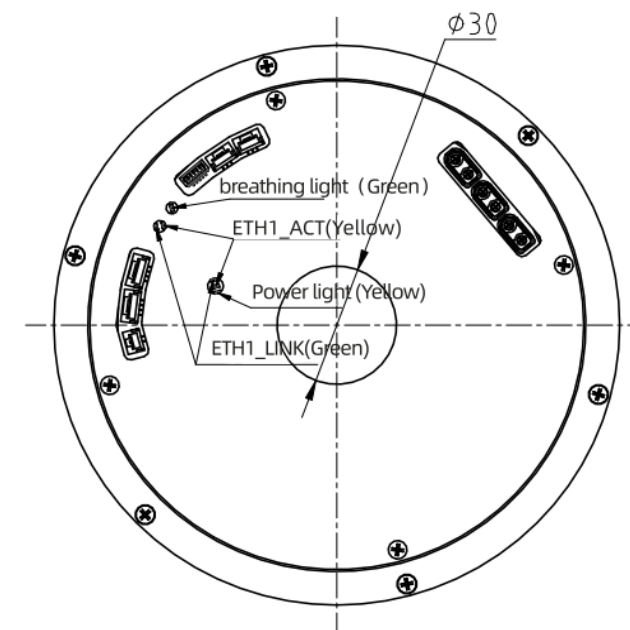
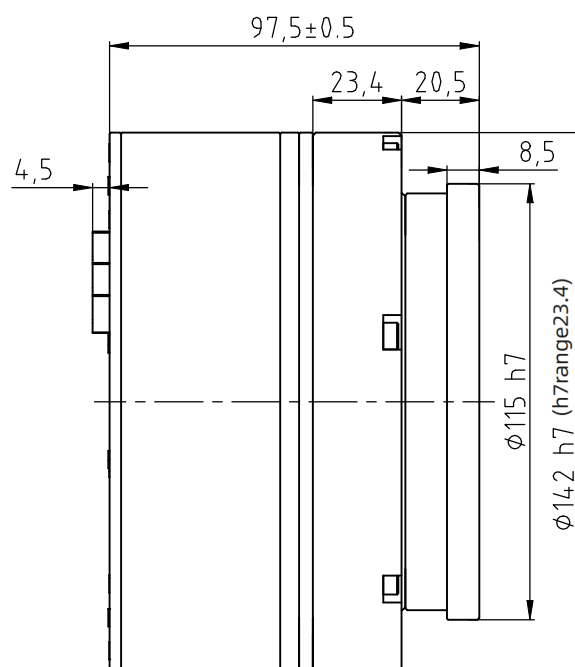
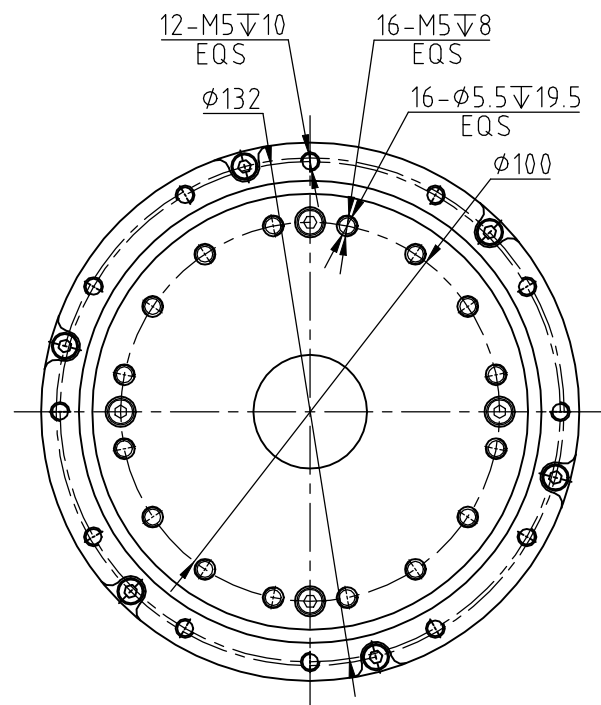
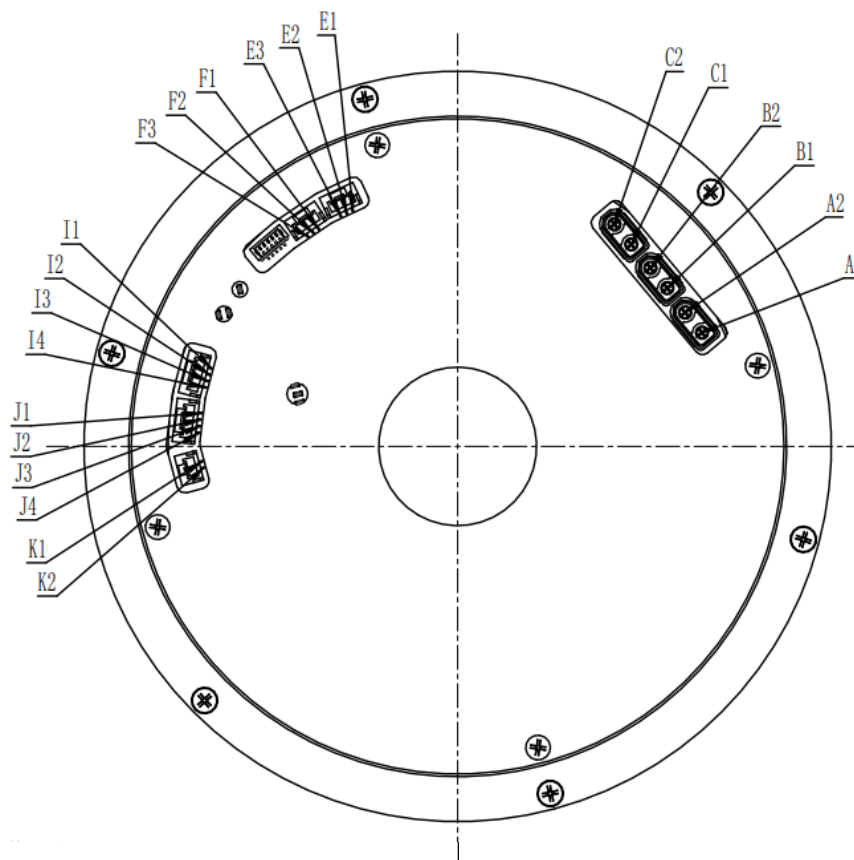


Sign



					Rotary actuator	L142I-E-XXX-BF-A01		
						GJ-DW-ME-0011		
标记	处数	更改内容	签 字	日 期				
设 计								
审 核								
批 准					客户图样标记	重量(kg)	比 例	
工艺会签							1:1	
		版本号	A4		浙江来福谐波传动股份有限公司			

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;
Encoder resolution at reducer end: 17-bit singleturn;
3. Bus protocol: EtherCAT.
4. Appearance without obvious burrs, scratches, bumps and other defects;
5. Operating temperature: -25~55;
6. Unidirectional positioning accuracy: 60Arc sec, repeat positioning accuracy: 20Arc sec

Module Signal Definition

Pin No.	Lead	Signal Definition	Remarks
A/B/C	1	DC+	Power Positive
	2	DC-	Power Negative
E/F	1	485L	/
	2	GND	485 Signal GND
	3	485H	/
I	1	RX1_P	Ethercat connector-OUT
	2	RX1_N	
	3	TX1_P	
	4	TX1_N	
J	1	RX0_P	Ethercat connector-IN
	2	RX0_N	
	3	TX0_P	
	4	TX0_N	
K	1	BAT+	Backup Battery Positive Terminal
	2	BAT-	Backup Battery Negative Terminal

Module Data

Module Data																Rotary actuator			L142I-E-XXX-BF-A01			
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
											设计	审核	批准	工艺会签					版本号		A4	共 2 页
51	140	281	497	39.2	58.8	19.40	38.93	7.22	625	5.15 (With Brake)											GJ-DW-ME-0011	
81	217	395	738	24.7	37	18.93	34.45	11.46														
101	281	433	841	19.8	29.7	19.66	30.29	14.30		4.94 (Without Brake)											 Laitful Drive 浙江来福谐波传动股份有限公司	
121	281	459	892	16.5	24.8	16.41	26.80	17.13														