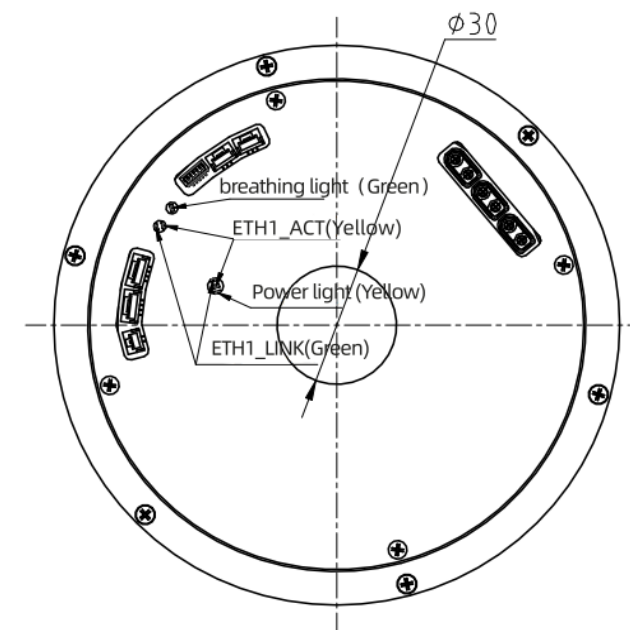
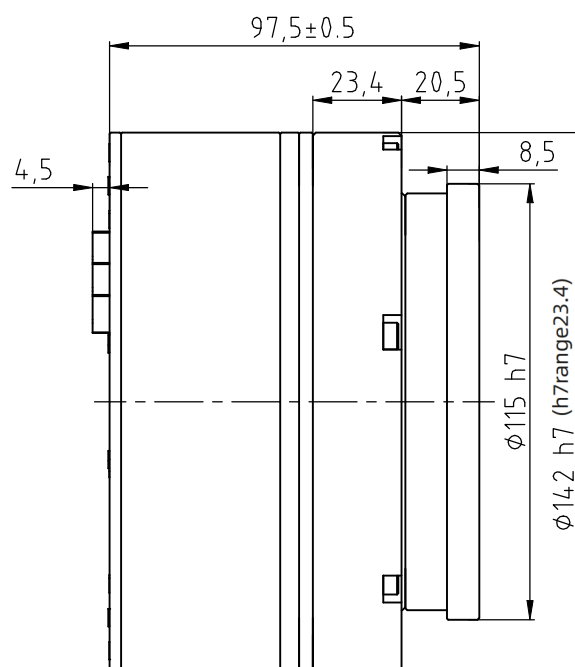
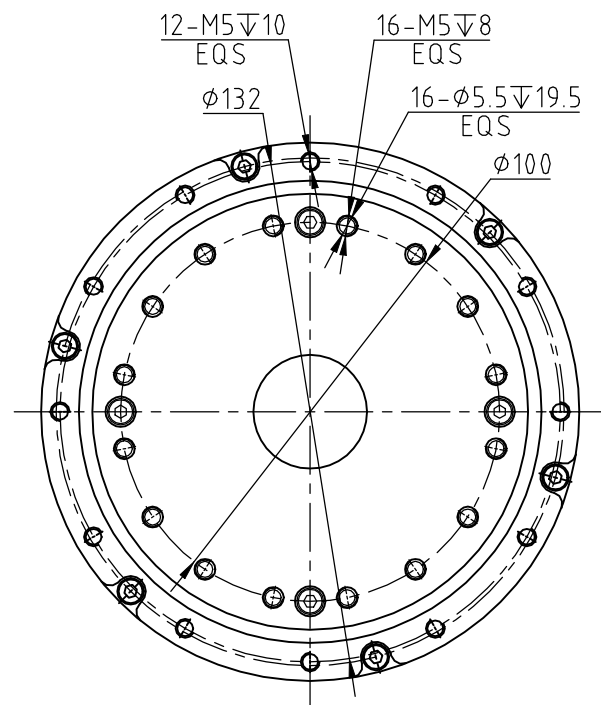
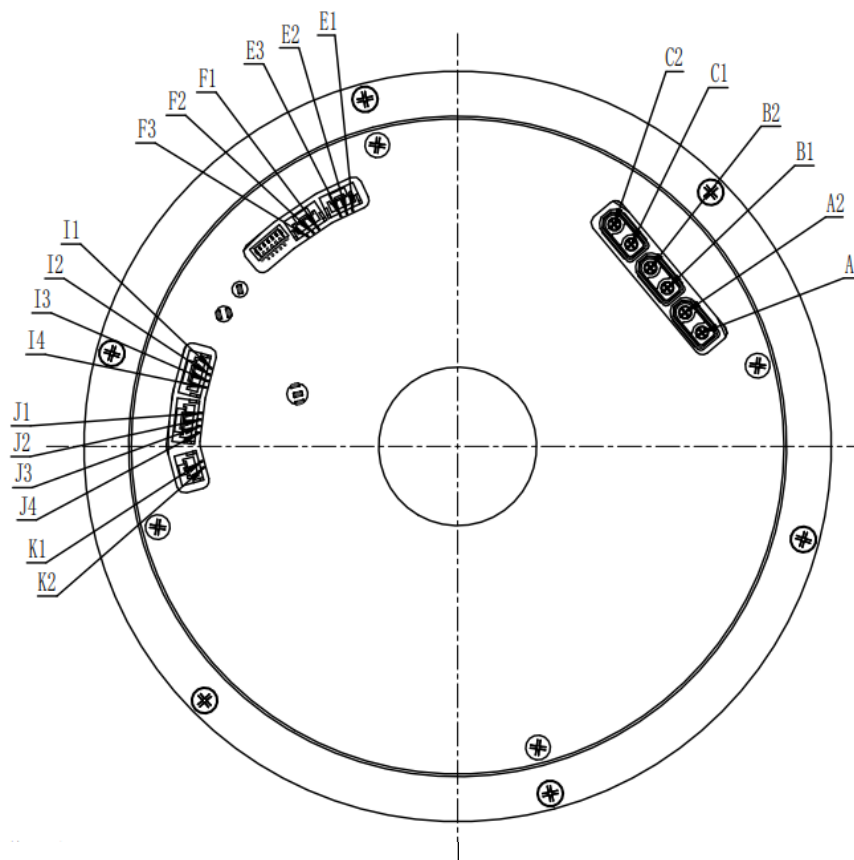


Sign



					Rotary actuator			L142I-E-XXX-BF-A01	
								GJ-DW-ME-0011	
标记	处数	更改内容	签 字	日 期				 Laitual Drive 浙江来福谐波传动股份有限公司	
设 计									
审 核									
批 准									
工艺会签					客户图样标记	重量(kg)	比 例	 Laitual Drive 浙江来福谐波传动股份有限公司	
						1:1			
		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;
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						日 期	
51	140	281	497	39.2	58.8	19.40	38.93	7.22	625	5.15 (With Brake)	设 计											
81	217	395	738	24.7	37	18.93	34.45	11.46			审 核									GJ-DW-ME-0011		
101	281	433	841	19.8	29.7	19.66	30.29	14.30		4.94 (Without Brake)	批 准					客户图样标记		重量(kg)	比 例			
121	281	459	892	16.5	24.8	16.41	26.80	17.13			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	

Laitful Drive