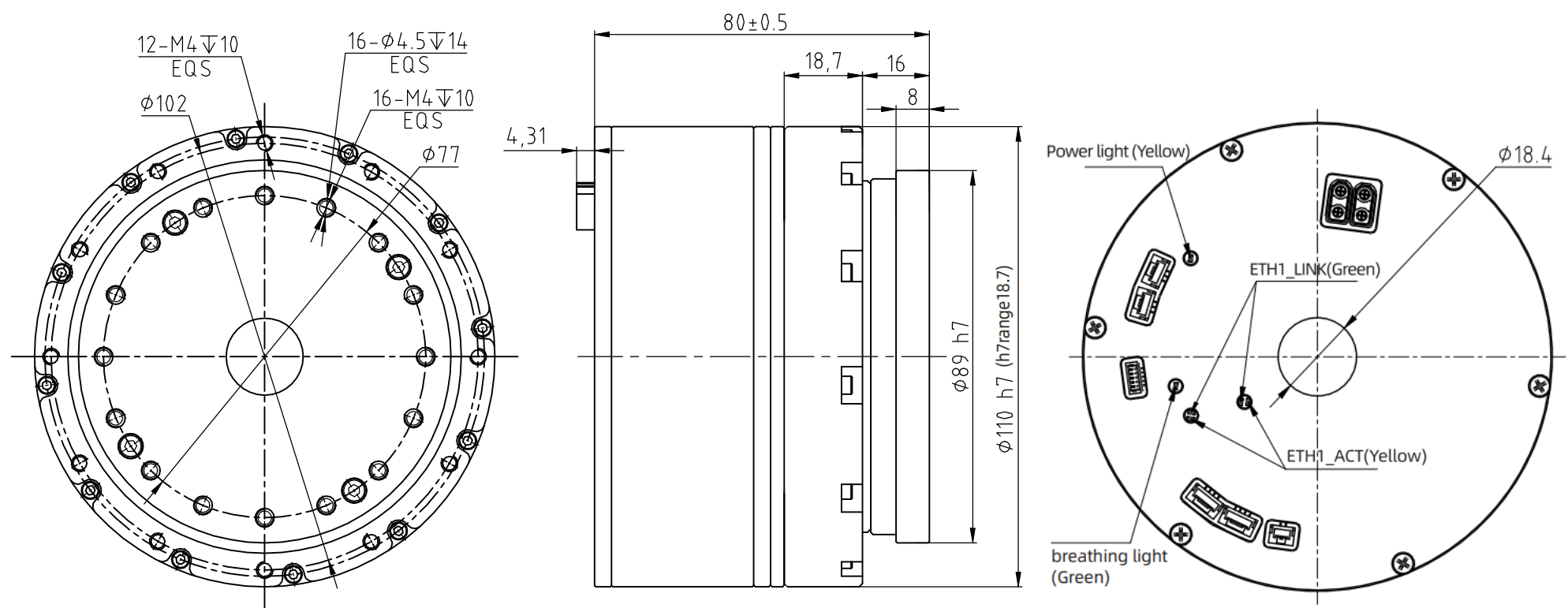
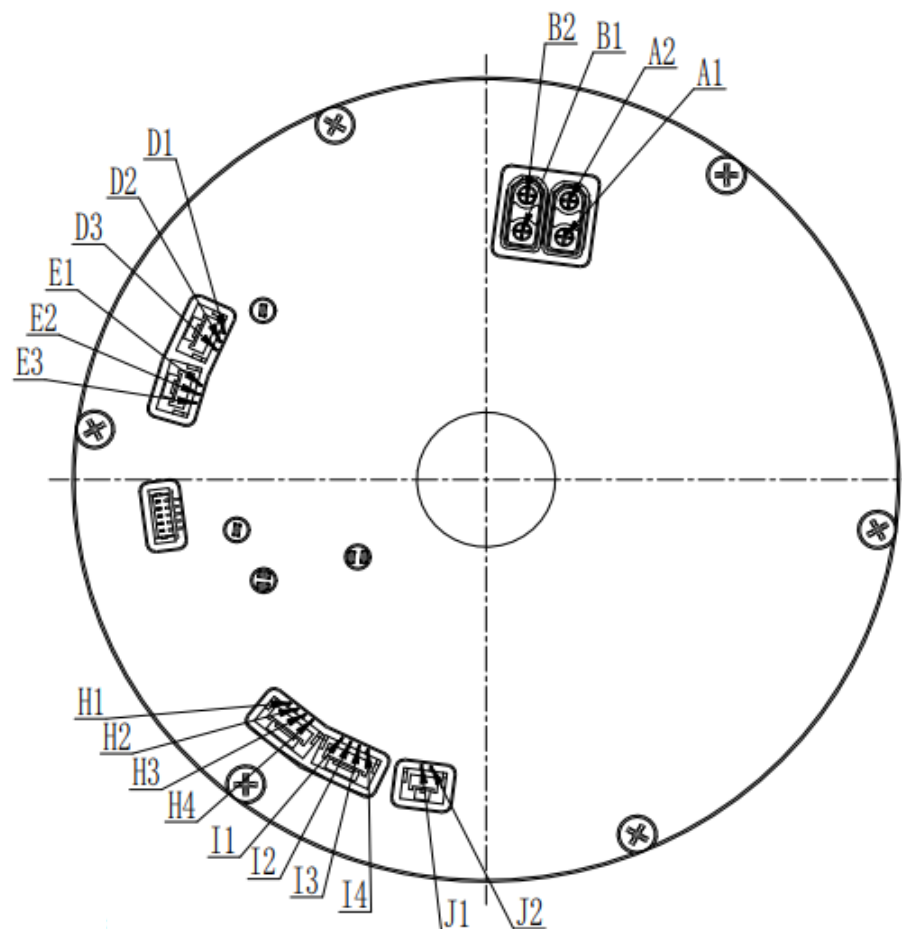




					Rotary actuator	L110I-E-XXX-BF-A01		
						GJ-DW-ME-0010		
标记	处数	更改内容	签 字	日 期		客户图样标记		
设 计								
审 核						比 例		
批 准								
工艺会签					 <i>Laitual Drive</i> 浙江来福谐波传动股份有限公司			
		版本号	A4					
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Technical requirements:

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	1	DC+	Power Positive
	2	DC-	Power Negative
D/E	1	485L	/
	2	GND	485 Signal GND
	3	485H	/
H	1	RX1_P	Ethercat connector-OUT
	2	RX1_N	
	3	TX1_P	
	4	TX1_N	
I	1	RX0_P	Ethercat connector-IN
	2	RX0_N	
	3	TX0_P	
	4	TX0_N	
J	1	BAT+	Backup Battery Positive Terminal
	2	BAT-	Backup Battery Negative Terminal

Module Data

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·mm ²)	Weight (kg)
51	72	127	242	58.8	78.4	18.38	32.42	3.92	201	2.70 (With Brake)
81	113	178	332	37	49.4	18.16	28.61	6.22		
101	140	204	369	29.7	39.6	18.05	26.3	7.76		2.60 (Without Brake)
121	140	217	395	24.8	33.1	15.07	23.35	9.29		

Rotary actuator

L110I-E-XXX-BF-A01

GJ-DW-ME-0010

Laitual Drive

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				
工艺会签				
版 本 号		A4		

客户图样标记	重量(kg)	比例
		1:1
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