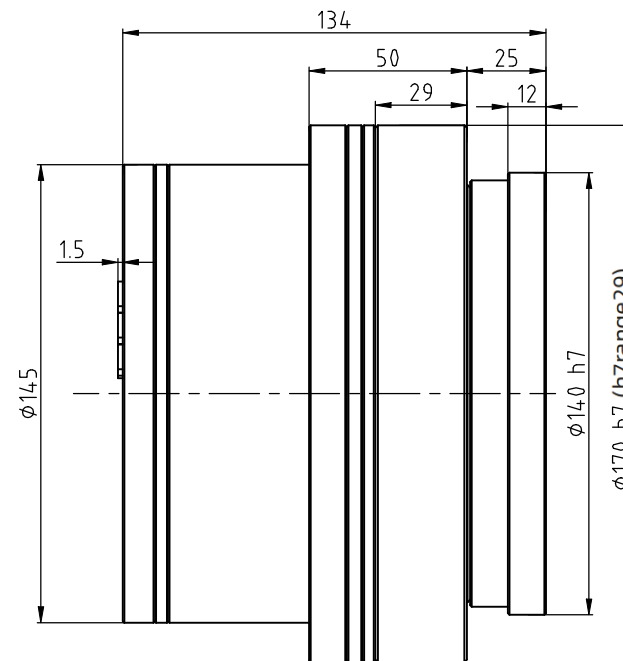
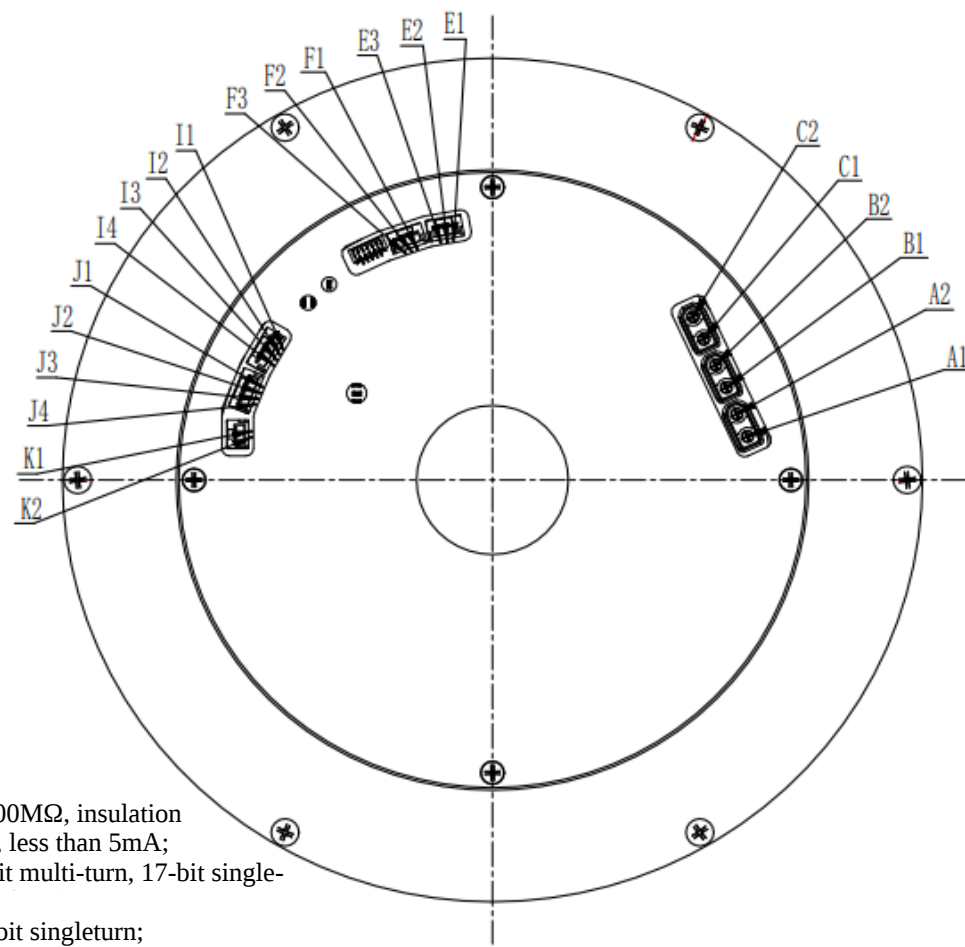


Sign



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

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	255	523	892	39.2	49	42.46	87.08	6.01	1927	9.48 (With Brake)
81	369	675	1270	24.7	30.9	38.68	70.76	9.54		
101	484	738	1400	19.8	24.8	40.69	62.05	11.89		9.06 (Without Brake)
121	586	802	1530	16.5	20.7	41.12	56.28	14.25		

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		

Rotary actuator

L170I-E-XXX-BF-C00

GJ-DW-ME-0054

客户图样标记	重量(kg)	比例
		1:1
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Laitful Drive

浙江来福谐波传动股份有限公司