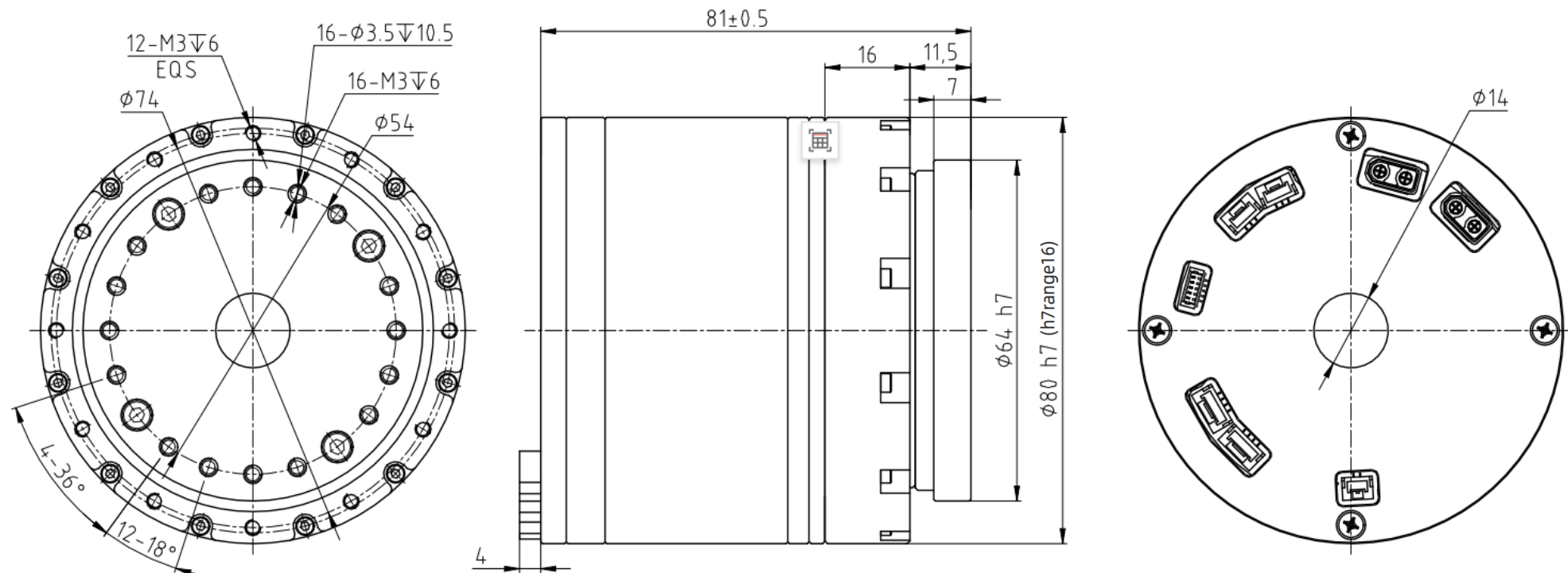
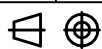
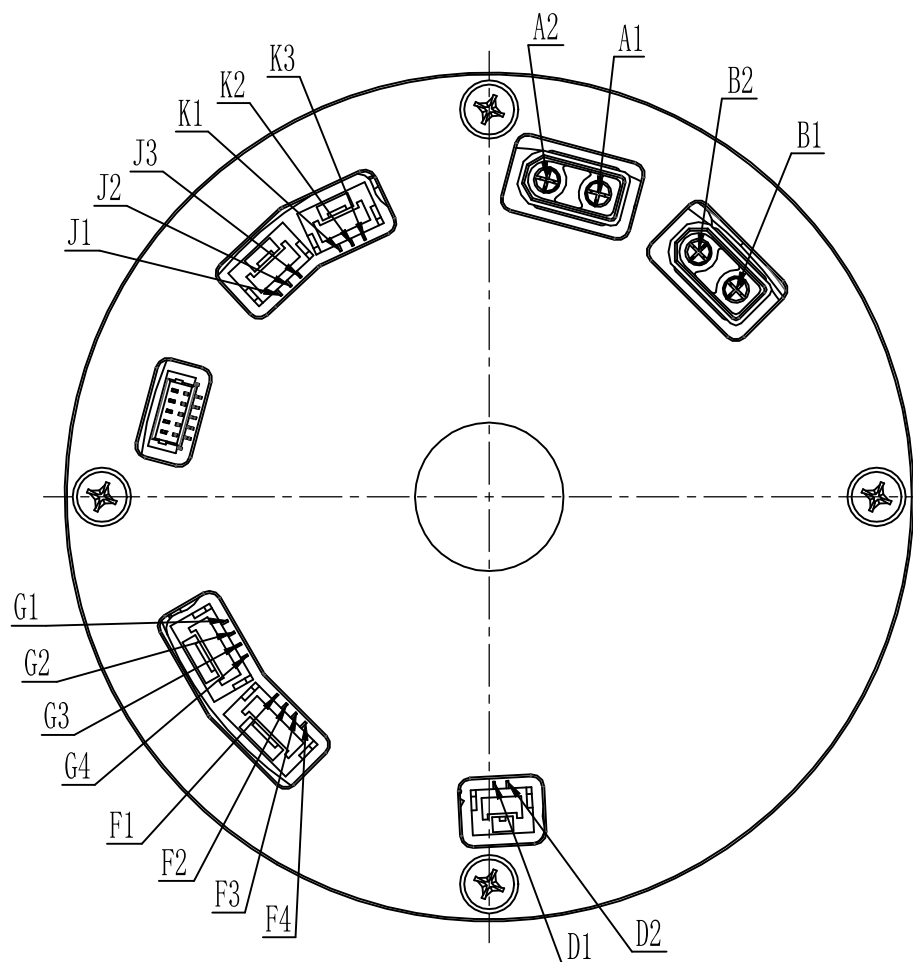




						Rotary Actuator			L80I-E-XXX-BF-C00	
									GJ-DW-ME-0052	
标记	处数	更改内容	签字	日期		客户图样标记	重量(kg)	比例	 Laitual Drive 浙江来福谐波传动股份有限公司	
设计										
审核								1:1		
批准										
工艺会签										
		版本号		A4		共 2 页		第 1 页		



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.	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

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	34	44	91	58.8	98	10.42	13.48	3.26	65	1.36 (With Brake)
81	35	56	113	37	61.7	6.75	10.8	5.18		
101	51	70	143	29.7	49.5	7.89	10.83	6.46		
121	51	70	112	24.8	41.3	6.59	9.04	7.74		

Rotary Actuator

L80I-E-XXX-BF-C00

GJ-DW-ME-0052

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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