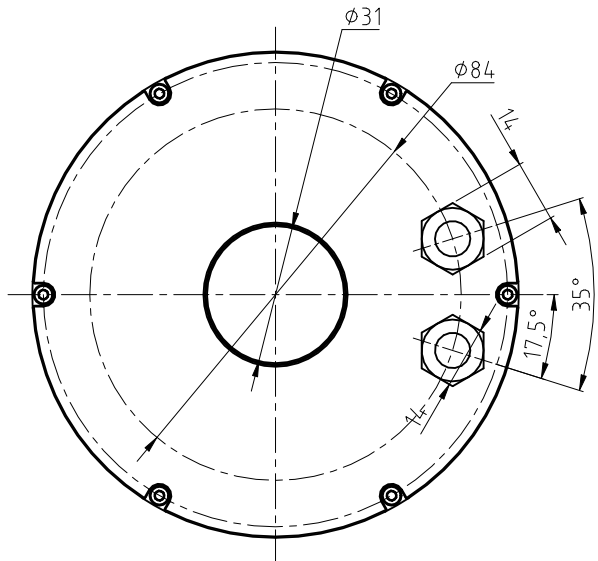
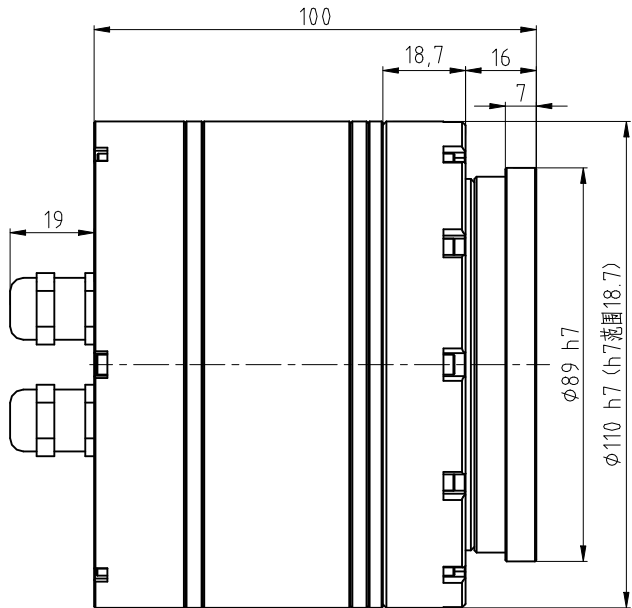
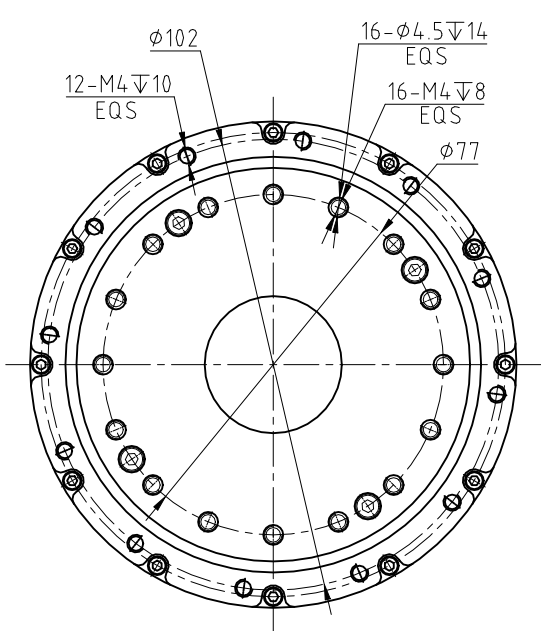


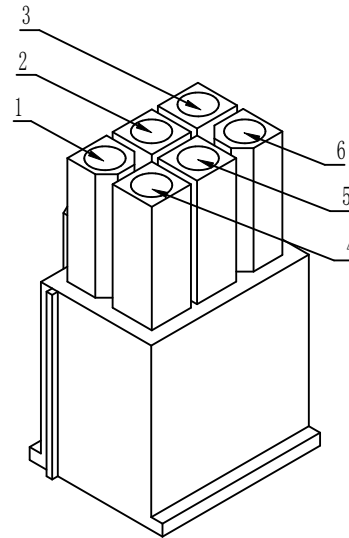
Sign



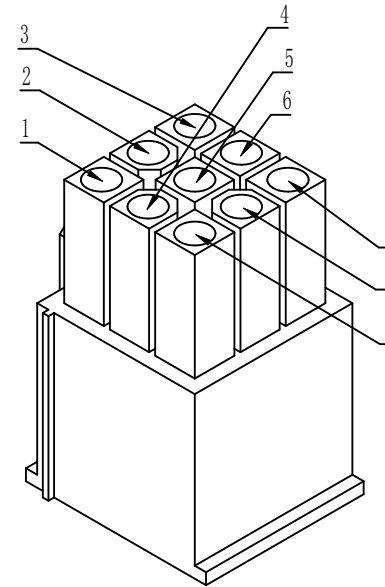
					Joint Module	M110-B-XXX-BF-C00		
						GJ-DW-ME-0077		
标记	处数	更改内容	签 字	日 期		客户图样标记	重量(kg)	比 例
设 计								
审 核								
批 准								
工艺会签								
		版本号	A5		共 2 页	第 1 页		
 Laitual Drive 浙江来福谐波传动股份有限公司								

Motor Parameters	
Voltage	AC220V
Rated Power	200W
Rated Speed	3000rpm
Max Speed	6000rpm
Motor Ph. Res.	3.06Ohm
Motor Ph.Ind.	6.4 mH
Motor Back EMF	30.72Vrms/krpm
Motor Pole Pairs	8

Sign



Power Connector:
Module-side connector housing: HX41405-6P
Module-side connector terminals: HX41406-6R / RT
Customer-side connector housing: HX41406-6R
Customer-side connector terminals: HX41406-6P / PT



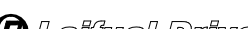
Encoder Connector:
Module-side connector housing: HX41405-9P
Module-side connector terminals: HX41406-9R / RT
Customer-side connector housing: HX41406-9R
Customer-side connector terminals: HX41406-9P / PT

Technical Requirements:

- 1.The module power cable and signal cable shall have a lead length of 300 mm each.
- 2.Insulation resistance (DC 500V) ≥ 500 MΩ; dielectric withstand voltage: AC 1500V for 1 minute.
- 3.Encoder type: Absolute encoder; Encoder protocol: BiSS-C; Encoder resolution: 16-bit multi-turn, 17-bit single-turn.
- 4.The appearance shall be free from visible defects such as burrs, scratches, dents, or damage.
- 5.Standard version:
Storage temperature: -20°C to 80°C Operating temperature: -10°C to 55°C
- 6.Special version:
Storage temperature: -40°C to 80°C Operating temperature: -30°C to 55°C
- 7.Protection class: IP66.
- 8.Positioning accuracy (unidirectional): 60 arcsec; Repeatability: 20 arcsec.

Housing 1: Power Connector		
Pin No.	Signal Name	Note
1	U	
2	V	
3	W	
4	GND	
5	Brake+	
6	Brake-	

Housing 2: Encoder Connector		
Pin No.	Signal Name	Note
1	SL1+	Communication+
2	GND	Ground
3	Vcc	Power
4	MA1+	Clock+
5	MA1-	Clock-
6	SL1-	Communication-
7	PG	Shielding
8	Battery-	
9	Battery +	

Joint Module Parameter															Joint Module				M110-B-XXX-BF-C00			
Ratio	Per. Max Value for Ave. Load 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)	标记	处数	更改内容	签 字					日 期	GJ-DW-ME-0077		
51	72	127	242	58.8	109.8	4.62	8.15	15.58	286	2.91 (With brake)	设 计					客户图样标记		重量(kg)	比 例	 浙江来福谐波传动股份有限公司		
81	113	178	332	37	69.1	4.57	7.19	24.74		审 核												
101	140	204	369	29.7	55.4	4.54	6.61	30.85		2.83 (Without Brake)	批 准											
121	140	217	395	24.8	46.3	3.79	5.87	36.96		工 艺 会 签												
													版本号		A5		共 2 页		第 2 页			