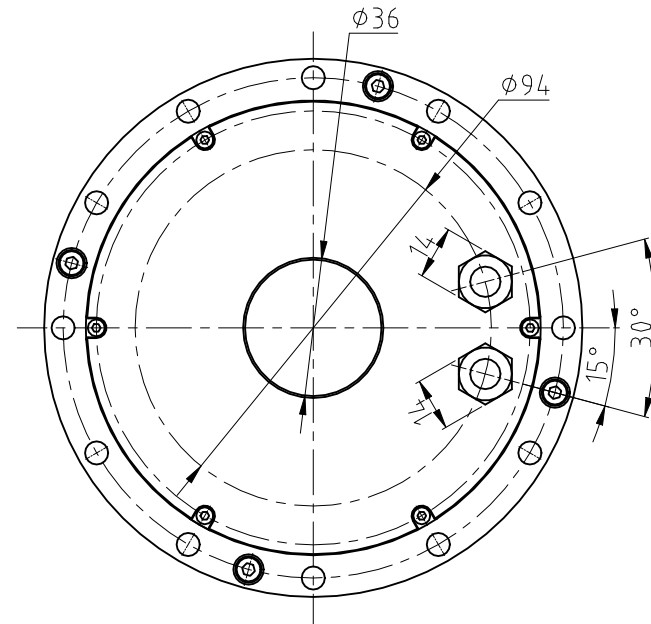
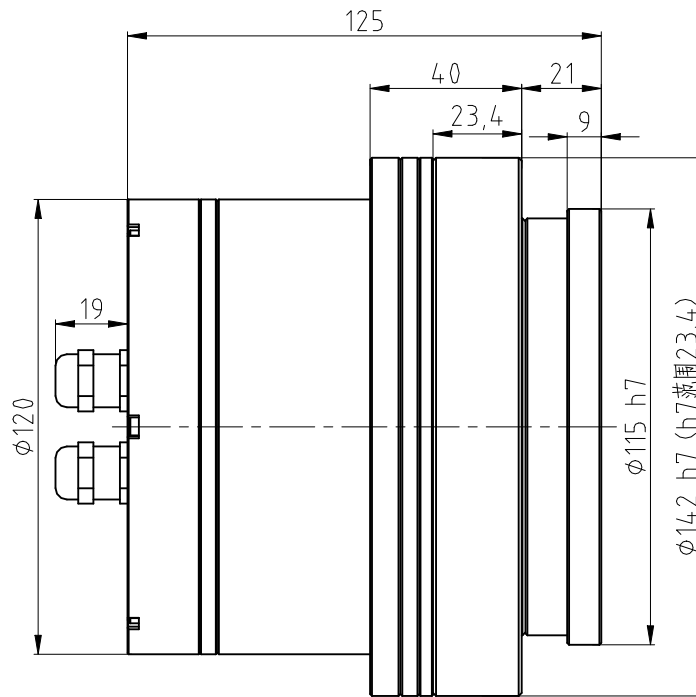
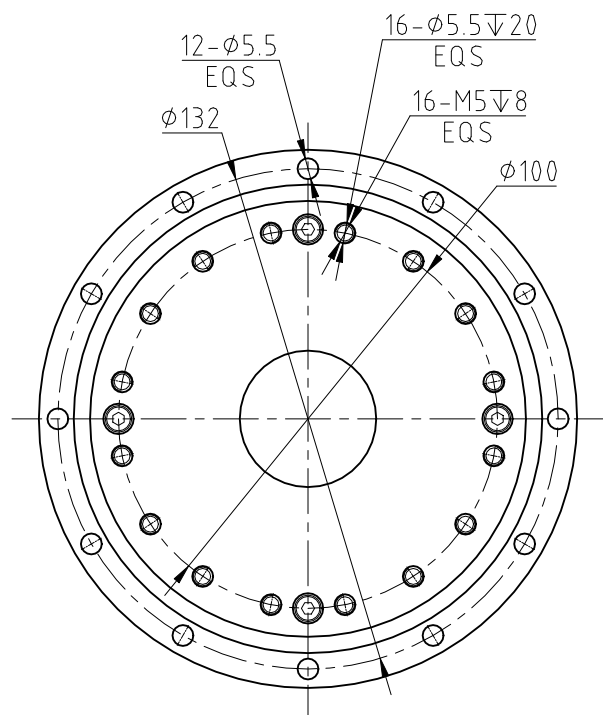
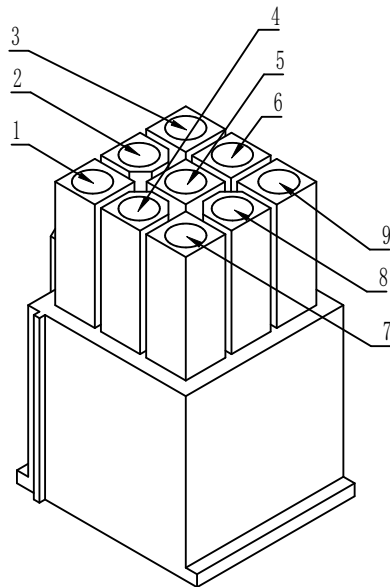
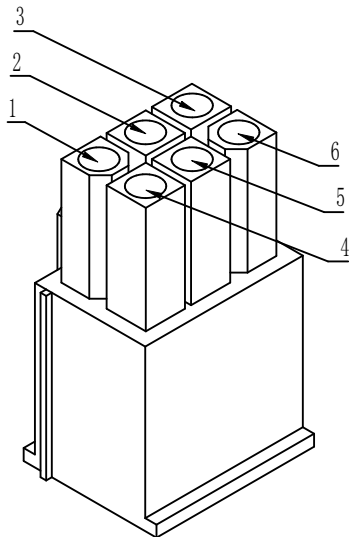




						Joint Module			M142-B-XXX-BF-C00	
									GJ-DW-ME-0078	
标记	处数	更改内容	签字	日期		客户图样标记			重量(kg)	比例
设计										1:1
审核										
批准										
工艺会签										
				版本号	A0	共 2 页		第 1 页		
								浙江来福谐波传动股份有限公司		

Motor Parameter	
Voltage	AC220V
Rated Power	1000W
Rated Speed	3000rpm
Max Speed	5000rpm
Motor Phase Resistance	0.46 Ohms
Motor Phase Inductance	2.5mH
Back EMF	42.1Vrms/krpm
Number of Pole Pairs	8

Sign



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 +	

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

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 M Ω ; 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.

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

Joint Module Parameter															Joint Module				M142-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)												
									702	5.64 With brake	标记	处数	更改内容	签字	日期			GJ-DW-ME-0078				
51	140	281	497	58.8	94.1	5.45	10.94	25.69			设计								客户图样标记	重量(kg)	比例	
81	217	395	738	37	59.3	5.32	9.68	40.80			审核											
101	281	433	841	29.7	47.5	5.52	8.51	50.87		5.43 Without brake	批准							1:1				
121	281	459	892	24.8	39.7	4.61	7.53	60.95			工艺会签											
															版本号		A0	共 2 页		第 2 页		 浙江来福谐波传动股份有限公司