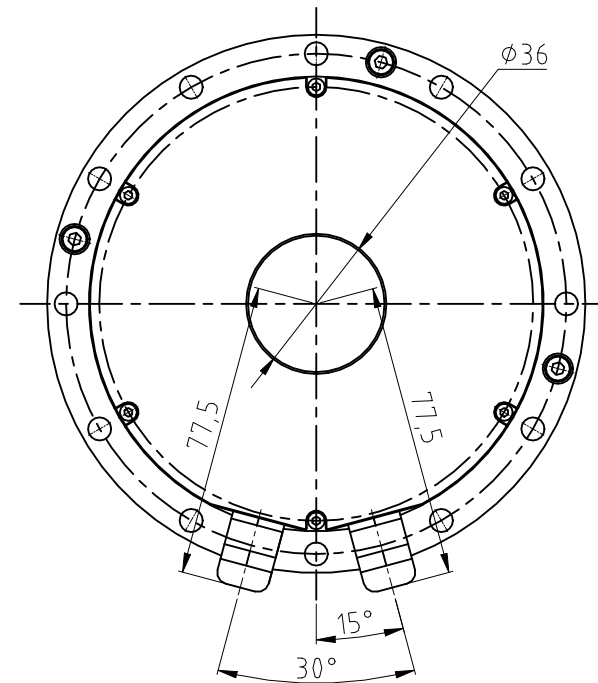
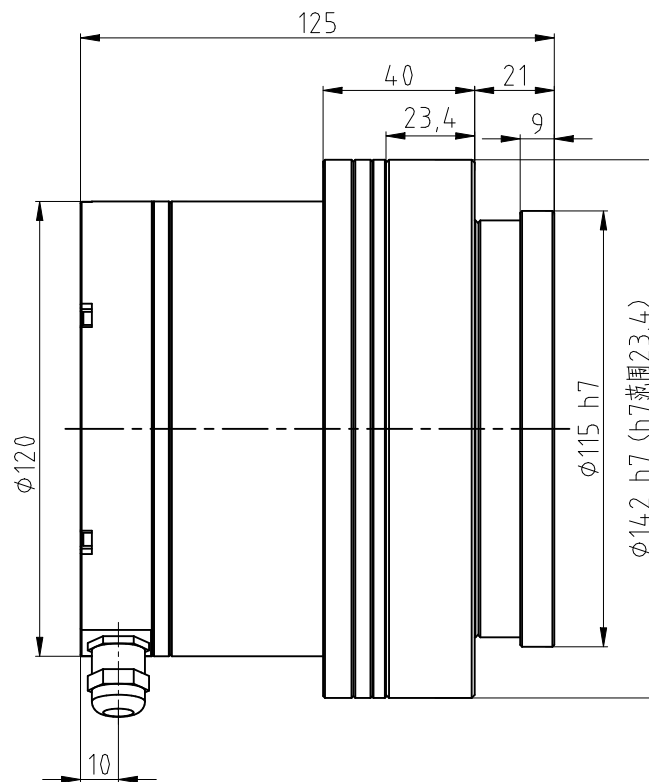
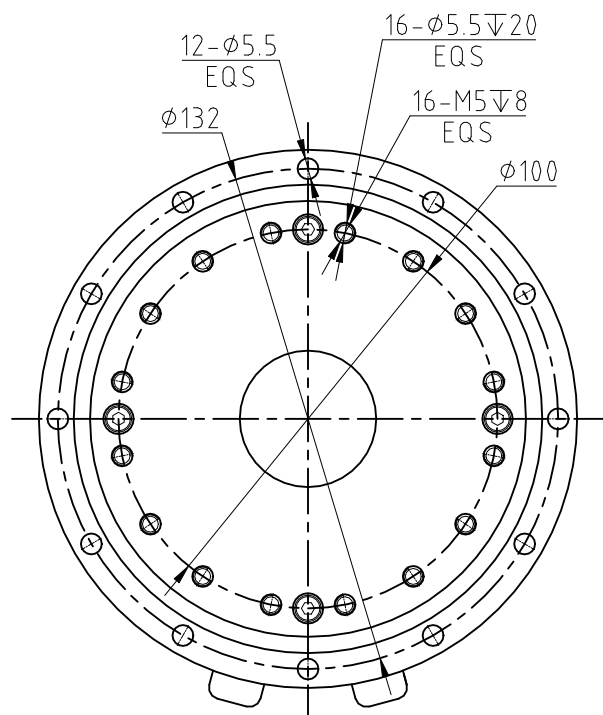
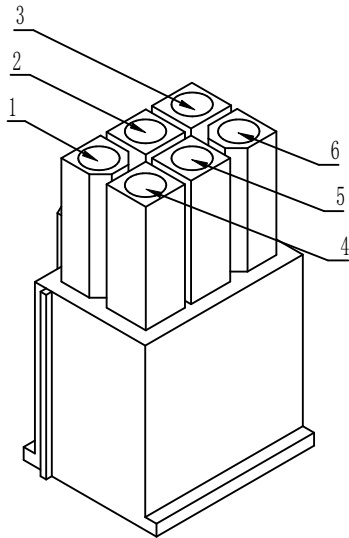




					Joint Module	M142-B-XXX-BS-C00		
						GJ-DW-ME-0083		
标记	处数	更改内容	签 字	日 期				
设 计								
审 核								
批 准					客户图样标记	重量(kg)	比 例	
工艺会签							1:1	
		版本号	A5		共 2 页		第 1 页	
浙江来福谐波传动股份有限公司								

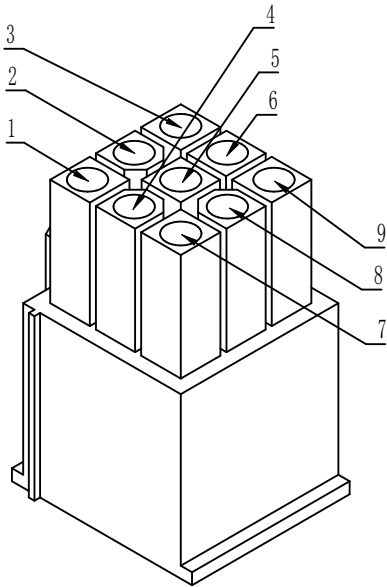
Motor Parameter	
Voltage	AC220V
Rated Power	1000W
Rated Speed	3000rpm
Max Speed	5000rpm
Motor Phase Resistance	0.46 Ohms
Motor Phase Inductance	2.5mH
Back EMF	42.1Vrms/krpm
Number of Pole Pairs	8

Sign



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

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 +	

Technical Requirements:

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

Joint Module Parameter														Joint Module				M142-B-XXX-BS-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-0083			
51	140	281	497	58.8	94.1	5.45	10.94	25.69	702	5.64 With brake	设 计							客户图样标记	
81	217	395	738	37	59.3	5.32	9.68	40.80		5.43 Without brake	审 核								
101	281	433	841	29.7	47.5	5.52	8.51	50.87			批 准								
121	281	459	892	24.8	39.7	4.61	7.53	60.95			工 艺 会 签								共 2 页
													版本号	A5					