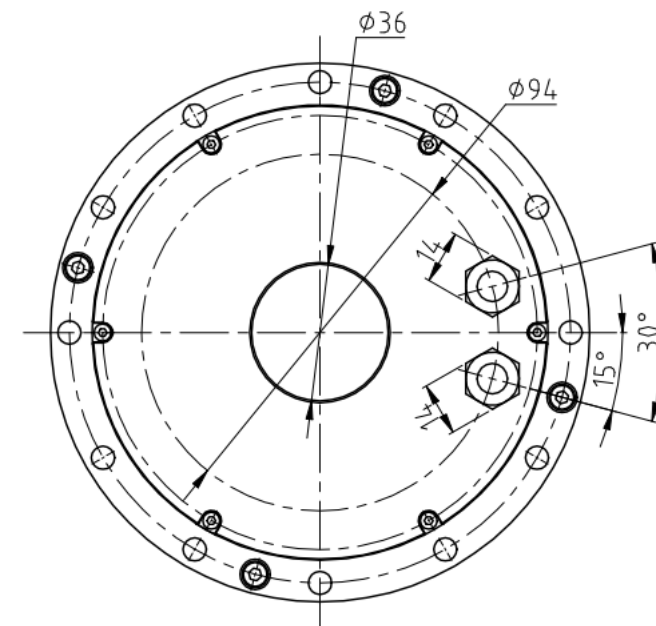
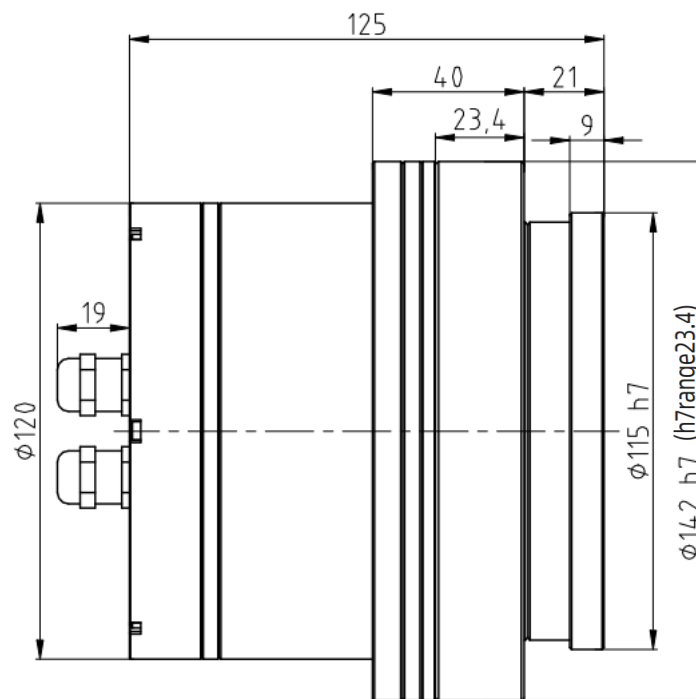
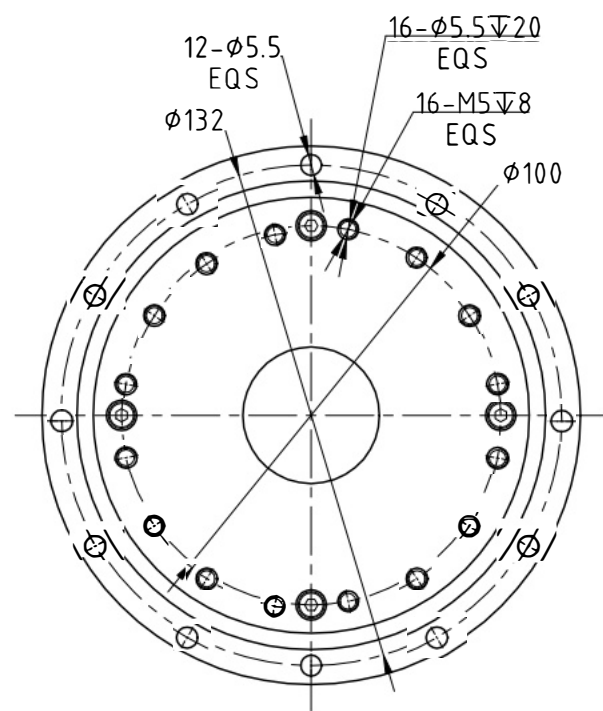
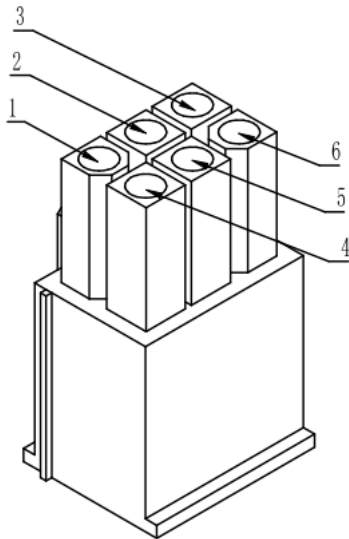




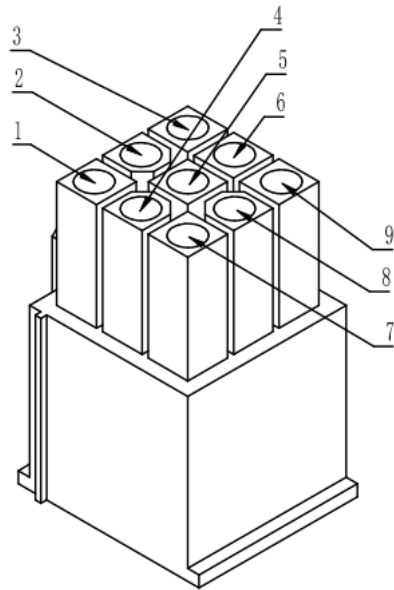
						Rotary actuator	M142-D-XXX-BF-C00	
							GJ-DW-ME-0041	
标记	处数	更改内容	签字	日期				
设计								
审核								
批准								
工艺会签								
						客户图样标记	重量(kg)	比例
								1:1
						共 2 页		第 1 页
		版本号		A4		Lafual Drive 浙江来福谐波传动股份有限公司		

Motor Parameters	
Voltage	AC220V
Rated Power	1000W
Rated Speed	3000rpm
Max Speed	5000rpm
Motor Ph. Res.	0.46 Ohms
Motor Ph.Ind.	2.5mH
Motor Back EMF	42.1Vrms/krpm
Motor Pole Pairs	8

Sign



Power Connector
Module end connector plastic case:
HX41405-6P
Module end connector terminal:
HX41406-6R/RT
User end connector plastic case:
HX41406-6R
User end connector terminal:
HX41406-6P/PT



Encoder connector
Module-side connector plastic case:
HX41405-9P
Module-side connector terminal:
HX41406-9R/RT
User-side connector plastic case:
HX41406-9R
User-side connector terminal:
HX41406-9P/PT

- Technical Requirements:**
- 1.Module power line and signal line length: 300mm each.
 - 2.Insulation resistance (DC 500V) > 500 MΩ; insulation withstand voltage AC 1500V (1 minute).
 - 3.Encoder type: Absolute encoder; encoder protocol: RS485; encoder resolution: 16-bit multi-turn, 17-bit single-turn.
 - 4.Appearance free of obvious burrs, scratches, dents, and other defects.
 - 5.Operating temperature: -25 to 55°C.
 - 6.Protection level: IP54.
 - 7.Unidirectional positioning accuracy: 60 Arc seconds; repeatability positioning accuracy: 20 Arc seconds.

Rubber Shell 1:Power Joint		
Pin Code	Name	Remarks
1	U	
2	V	
3	W	
4	GND	
5	Brake+	
6	Brake-	
Rubber Shell 2:Encoder Joint		
Pin Code	Name	Remarks
1	SL+	Communication
2	GND (0V)	Ground
3	Vcc (5V)	Power
4	/	/
5	/	/
6	SL-	Communication-
7	PG	Shielding
8	Battery-	
9	Battery+	

Module Data										Rotary actuator						M142-D-XXX-BF-C00								
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)	Tg: Constant (Nm/Arms)	Inertia Moment (kg·mm ²)							Weight (kg)							GJ-DW-ME-0041	
																标记	处数	更改内容	签 字	日 期				
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	重量(kg)	比 例				
81	217	395	738	37	59.3	5.32	9.68	40.80		审 核							共 2 页					第 2 页		
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		5.43 (Without Brake)	工 艺 会 签							浙江来福谐波传动股份有限公司						
													版本号		A4									