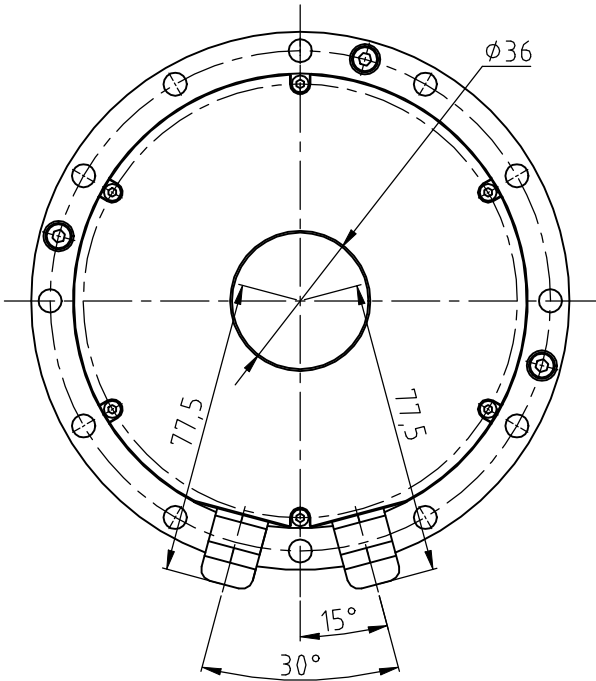
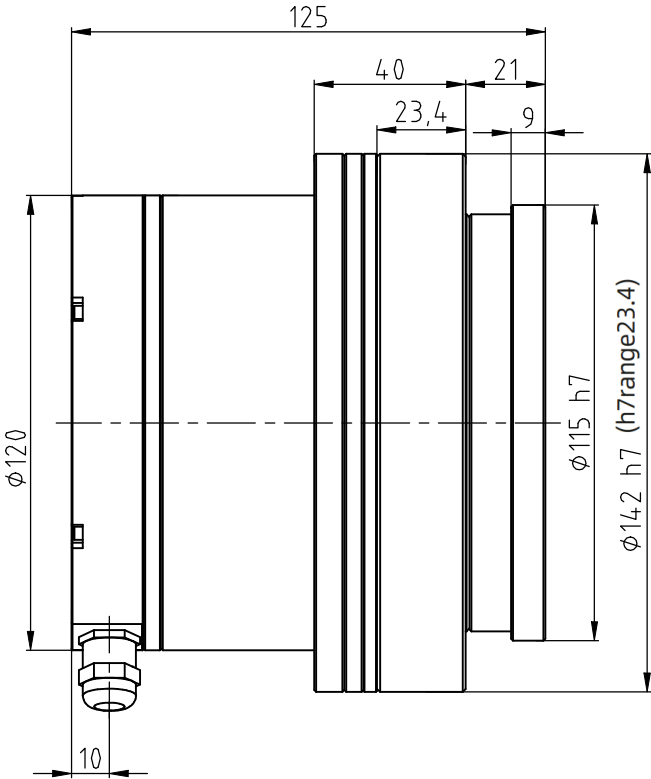
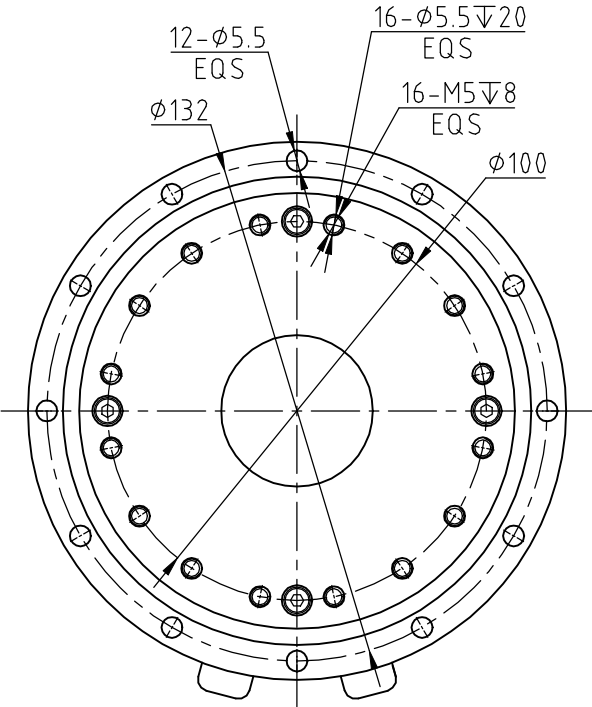
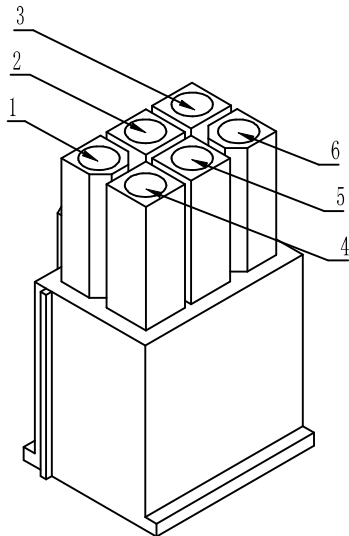




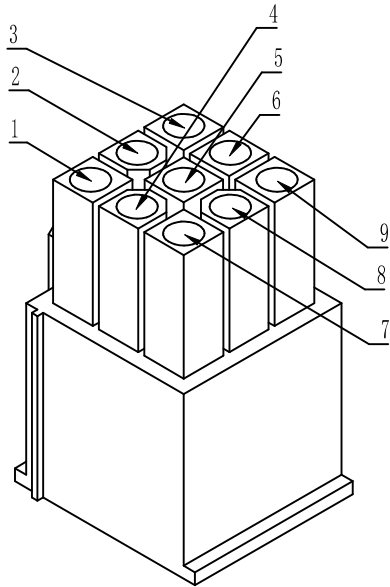
						Rotary actuator			M142-D-XXX-BS-C00	
									GJ-DW-ME-0047	
标记	处数	更改内容	签字	日期		客户图样标记	重量(kg)	比例	 浙江来福谐波传动股份有限公司	
设计								1:1		
审核										
批准										
工艺会签										
		版本号	A4			共 2 页	第 1 页			

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	
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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

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+	

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

Module Data															Rotary actuator					M142-D-XXX-BS-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)	Tq · Constant (Nm/Arms)	Inertia Moment (kg·mm²)	Weight (kg)											
51	140	281	497	58.8	94.1	5.45	10.94	25.69	702	5.64 (With Brake)	标记	处数	更改内容	签 字	日 期	客户图样标记			重量(kg)	比 例	 Laitful Drive 浙江来福谐波传动股份有限公司
81	217	395	738	37	59.3	5.32	9.68	40.80			设 计										
101	281	433	841	29.7	47.5	5.52	8.51	50.87		审 核											
121	281	459	892	24.8	39.7	4.61	7.53	60.95		批 准											
										5.43 (Without Brake)	工艺会签					客户图样标记		重量(kg)	1:1		
											 版本号 A4										
															共 2 页		第 2 页				