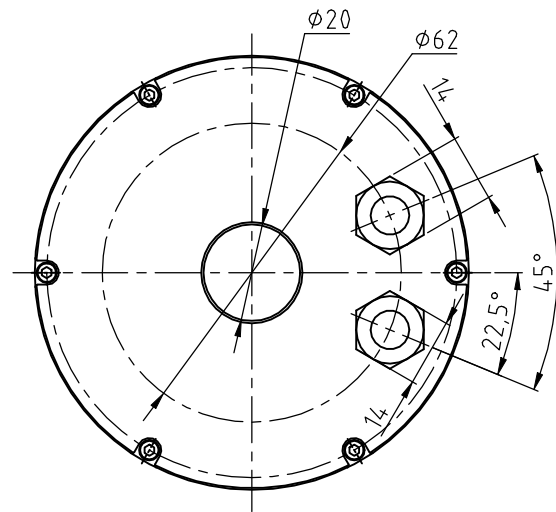
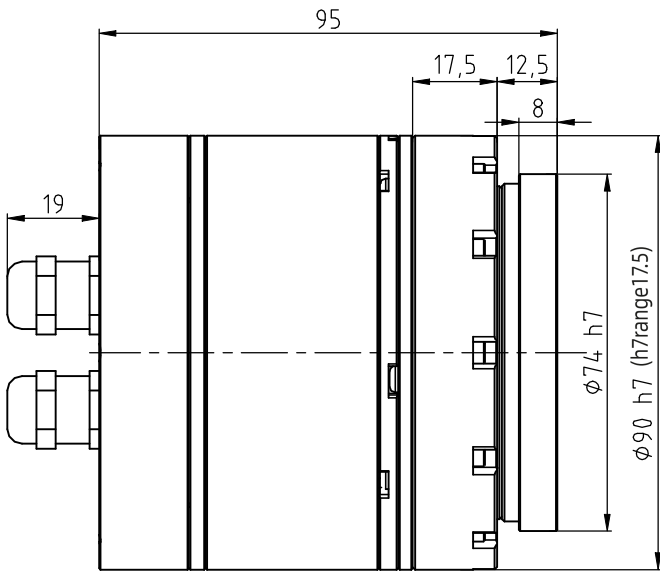
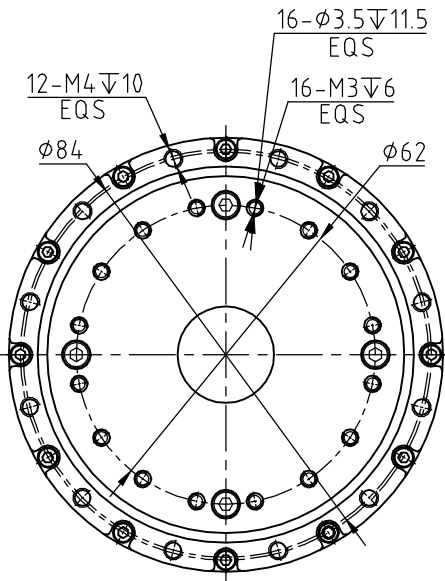
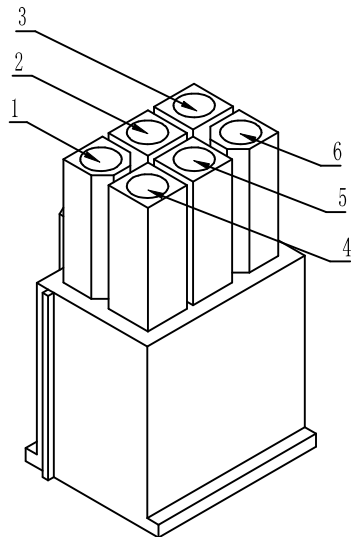




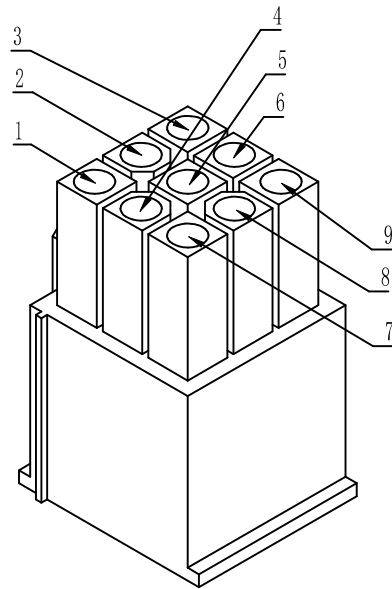
						Rotary actuator	M90-D-XXX-BF-C00		
							GJ-DW-ME-0039		
标记	处数	更改内容	签 字	日 期			客户图样标记	重量(kg)	比 例
设 计									
审 核									
批 准									
工艺会签									
		版本号		A4					
						共 2 页		第 1 页	
						 Laitual Drive 浙江来福谐波传动股份有限公司			

Motor Parameters	
Voltage	AC220V
Rated Power	300W
Rated Speed	3000rpm
Max Speed	6000rpm
Motor Ph. Res.	1.56 Ohms
Motor Ph.Ind.	3.67mH
Motor Back EMF	26.72Vrms/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				M90-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)	Tq · Constant (Nm/Arms)	Inertia Moment (kg · mm²)	Weight (kg)										
											标记	处数	更改内容	签 字					日 期	
51	44	73	127	58.8	117.6	3.11	5.17	14.13	108	1.96 (With Brake)	设 计					客户图样标记	重量(kg)	比 例	GJ-DW-ME-0039	
81	61	96	165	37	74.1	2.72	4.28	22.44			审 核									
101	64	107	191	29.7	59.4	2.29	3.82	27.99		1.87 (Without Brake)	批 准								1:1	
121	64	113	191	24.8	49.6	1.91	3.37	33.53			工艺会签									
												版本号		A4						