

JA110 Joint motor product introduction



1. Product features

- (1) Compact structure: fixed rotor compact structure, built-in encoder and driver;
- (2) Fast response: small moment of inertia, fast dynamic response;
- (3) Precise control: low torque ripple, easy speed control and precise positioning;
- (4) Compact and precise: the outer diameter is only 115mm, with large hollow thread hole, ultra-light weight, effectively ensuring the reasonable dead weight ratio of the robot;
- (5) Out of the box: Joint motor can be used directly to connect the drive manipulator.

2. Application scenario

Joint motor can provide multiple degrees of freedom for a variety of machines. Such as bionic robot, collaborative robot, welding robot, exoskeleton robot and other fields, to meet the needs of industry, scientific research, business, medical and other industries,It has widely application, stable quality, large shipment.





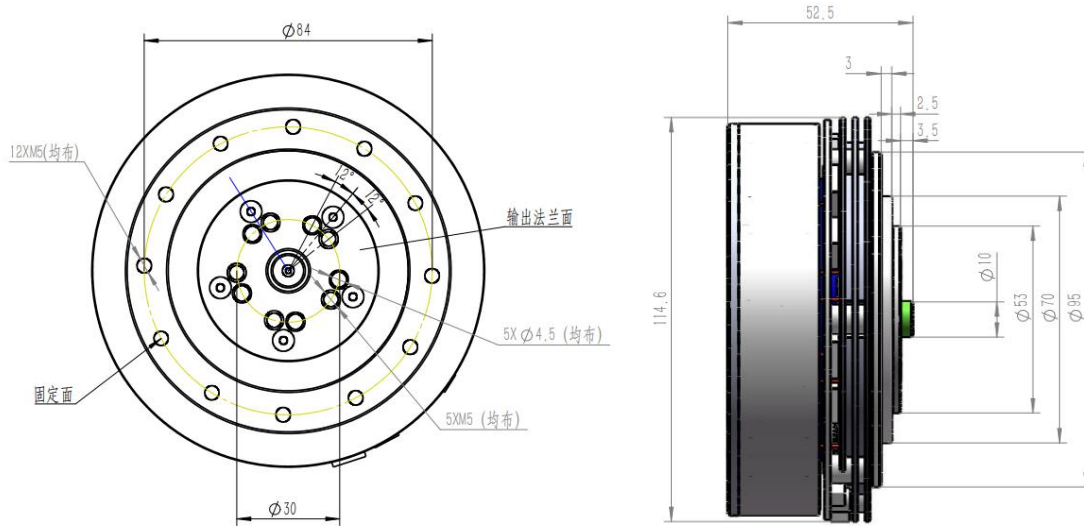
3. Parameter table

1	rated voltage (VDC)	24	36	48
2	no-load revolution (rpm)	960	1420	1820
3	no-load current (A)	0.73	0.9	1.1
4	rated power (W)	181	306	426
5	rated revolution (rpm)	699	1160	1615

6	rated torque (Nm)	2.5	2.5	2.5
7	DC side current (A)	11.2	11.5	11.7
8	input power (W)	243	384	525
9	maximum efficiency (%)	74	79	81
10	peak current (A)	20	20	20
11	peak torque (Nm)	4.5	4.5	3.8
12	peak running time (s)	120	120	120
13	wire resistance (Ω)	0.101	0.101	0.101
14	wire inductance (mH)	0.062	0.062	0.062
15	pole number	21	21	21
16	phase number	3	3	3
17	Gear ratio	37	37	37

The above parameters are for reference only. Our product technology is constantly updated and upgraded, and we also accept customers' customization and development.

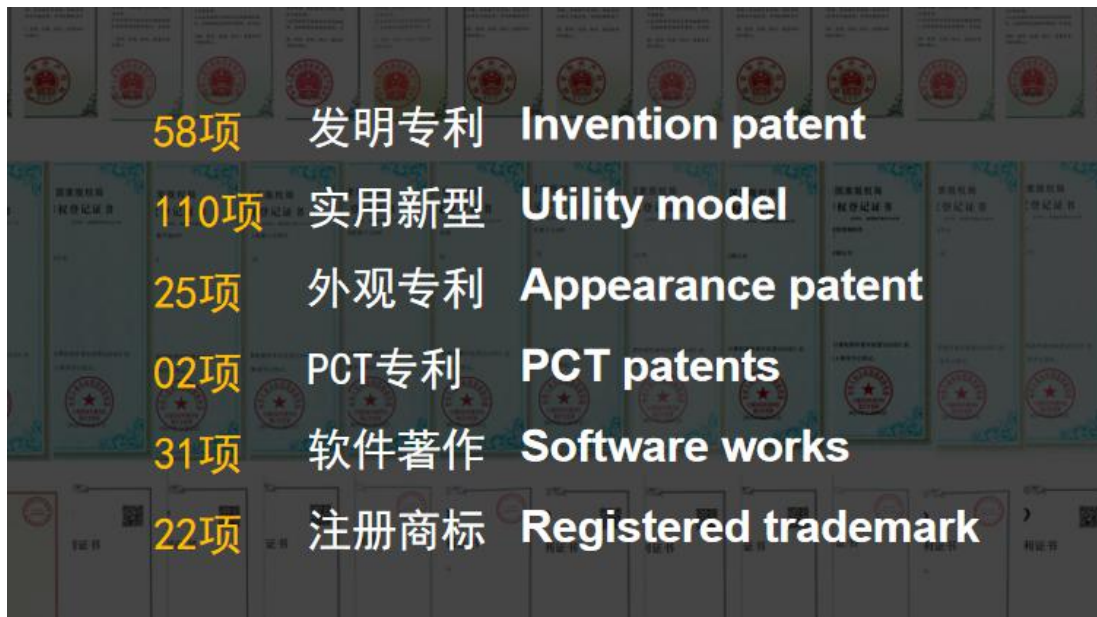
4. Product details



5. Factory and Qualification



第一类医疗器械生产备案凭证		
企业名称	杭州程天科技发展有限公司	
住所	浙江省杭州市余杭区良渚街道良渚文化遗址公园内1号	
生产地址	浙江省杭州市余杭区良渚街道良渚文化遗址公园内1号	
法定代表人	程天	
生产范围	I类6840、I类6845、I类6846	
生产产品目录	产品名称	产品名称
	规格型号	规格型号
	生产数量	生产数量
	生产日期	生产日期



6. After-sales service

- 1、 All the products produced by our company, our company can provide installation, debugging, and technical training.
- 2、 After installation and commissioning, the quality warranty is one year (except for wearing parts and man-made damage),We provide maintenance throughout the whole life cycle.
- 3、 Carry out field maintenance, field operation and technical training from time to time.
- 4、 After-sale contact information:+86-0571-89167832.
- 5、 Service content: If the equipment is out of order, first communicate by telephone. If the problem cannot be solved, our company will come to the site to solve the problem as soon as possible. After-sales service includes not only equipment maintenance but also technical support. Our technicians can conduct on-site technical training and provide a complete set of solutions. Professional technical



personnel at any time to follow the user's use of equipment.