



COMPANY BROCHURE

NEW BUSINESS BROCHURE 2023

企业宣传册

技术为王 创新为本

Create
Technology
Responsibility

河北义迪进出口贸易有限公司

HEBEI YIDI IMPORT AND EXPORT TRADING CO., LTD

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企业简介

COMPANY PROFILE

义迪传动集团成立于 2020 年。是一家专业生产滚珠丝杠、直线导轨、直线模组、滚珠花键，齿轮齿条、电机和轴承产品的综合性制造商。我们能够提供 OEM 和 ODM 定制服务。我们致力于为客户提供一站式选择服务以及“直线运动”部件的智能制造解决方案。我们拥有 山东济宁研磨丝杆制造基地，浙江丽水直线导轨制造基地，广东惠州模组和电机生产基地，我们有超过200 名员工的工厂团队，其中高级技术人员占比超过 30%。我们的使命是为客户提供优质的产品和服务。我们公司引进了来自德国和日本的先进设备，以确保生产过程的高效率和稳定质量。我们非常自豪拥有自己的使命，它代表了我们的核心价值观：创新、质量与可靠性。我们的产品出口到全球 30 多个国家，包括德国、美国、加拿大、法国等。并且因其卓越的质量和有竞争力的价格而广受认可。我们始终坚持以客户需求为导向，并不断努力提升产品性能和技术水平，以满足不同客户的需求。义迪传动集团以诚信和专业为根基，致力于成为全球领先的滚珠丝杠和直线导轨制造商。我们真诚期待与您合作，共同创造更美好的未来！

YIDI MOTION Group was established in 2020. It is a comprehensive manufacturer specializing in the production of ball screws, linear guides, linear modules, ball splines, gear racks, motors and bearings. We can provide OEM and ODM customization services. We are committed to providing customers with one-stop selection services and intelligent manufacturing solutions for "linear motion" components. We have ball screw manufacturing base in Jining, Shandong Province, linear guide manufacturing base in Lishui, Zhejiang, and linear module and motor production base in Huizhou, Guangdong Province. our team have over 200 employees, more than 30% of them being senior technicians. Our mission is to provide customers with high-quality products and services. Our company has introduced advanced equipment from Germany and Japan to ensure high efficiency and stable quality in the production process. We are very proud of our mission, which represents the core values of our company: innovation, quality and reliability. Our products are exported to more than 30 countries around the world, including Germany, the United States, Canada, France, etc. And they are widely recognized for their excellent quality and competitive prices. We always follow the customer's needs as the orientation and continuously strive to improve product performance and technical level to meet the needs of different customers. Yidi Motion Group is based on integrity and professionalism and is committed to becoming the world's leading manufacturer of ball screws and linear guides. We sincerely look forward to cooperating with you and jointly creating a better future!



Total area: 6,500
square meters

Annual transaction volume
of over 60 million yuan

20 years of
industry experience

26 automated
production lines

Monthly production
volume exceeds 300,000 units





YIDI MOTOR

专业提供精密电机，驱动及一站式服务解决方案

Specializing in providing precision motor, drive, and one-stop service solutions



YD 价值观

技术为王 创新为本

Technology is the king, innovation is the foundation

Yidi Vision

One Hundred Years of Yidi

Encourage the sincerity of employees

Achieve the kindness of the customers

The ambition to achieve great things

产品专利认证

我们的优势 OUR ADVANTAGE

20年专注生产电机经验

丰富的生产经验，可定制特殊电机

高新企业多项专利证书

多项电机，电动驱动器实用型专利

全新出厂，质量保证

质测把关IQC,PQC,OQC,OQA

源头跨境订单10000+

2000m²仓库备货，为加工定制保驾护航

完善的生产管理体系

ISO9001执行标准，交期质量有保障

自主研发，掌握核心技术

资深研发团队，针对行业特性开发产品

多领域发展 Multidisciplinary development



医疗设备
armarium



机械手臂
manipulator arm



安防系统
security and
protection system



雕刻机
carving machine



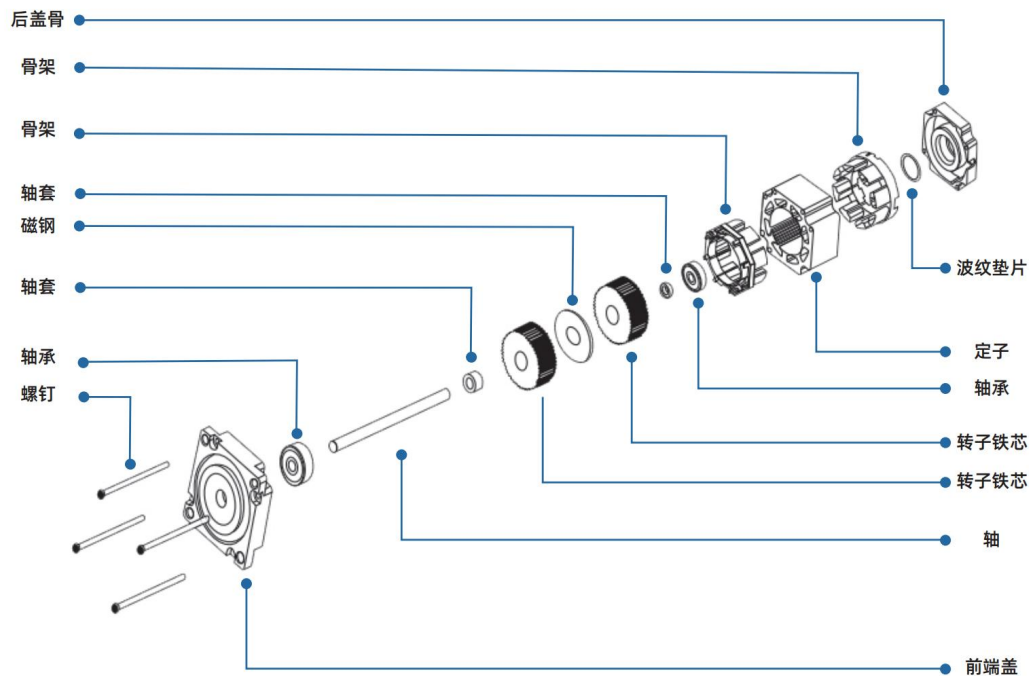
3D打印机
3D printer



舞台灯光

lighting





Catalogue

20 Series

10P

28 Series

11p

35 Series

12-14p

39 Series

15p

42 Series

16-23p

57 Series

24-27p

60 Series

28p

86 Series

29-30p

Drive Series

31-34p

20 series two-phase stepper motor Light axis motor 20BYGH30

性价比高/应用广泛/运行性能稳定

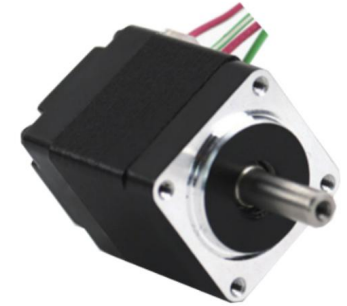
High cost performance wide application range stable operation performance

product model : Lead-in style

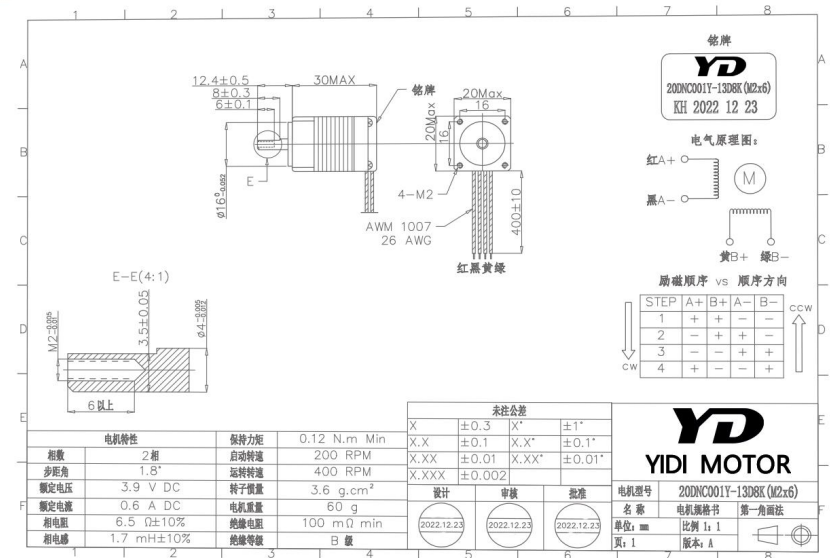
product size : 20mm*30mm

Axial length : custom-made

diameter of axle : 4mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm²)	(NO.)	(g)
20BYGH28-0204	1.8	28	0.2	24	8.2	0.014	0.2	2.5	4	50
20BYGH34-0204	1.8	34	0.2	25	8.4	0.018	0.3	3.2	4	70
20BYGH34-0604	1.8	34	0.6	6.5	1.7	0.018	0.3	3.2	4	70
20BYGH40-0604	1.8	40	0.6	5.8	1.6	0.024	0.5	4.5	4	80

28 series two-phase stepper motor

Light axis motor 28BYGH32

性价比高/应用广泛/运行性能稳定

High cost performance wide application range stable operation performance

product model : Lead-in style

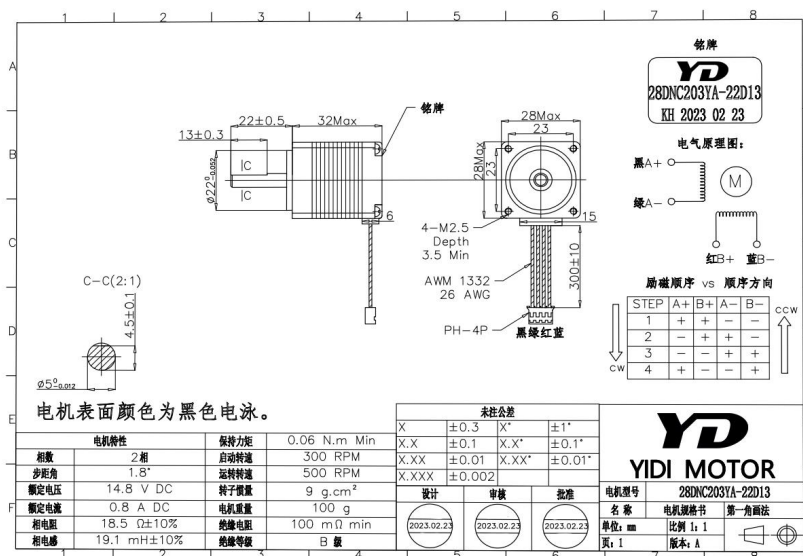
product size : 28mm*32mm

Axial length : 22mm

diameter of axle : 5mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
28BYGH28-0604	1.8	28	0.6	4.2	2.2	0.045	0.3	6	4	105
28BYGH33-0354	1.8	33	0.35	15	9.2	0.06	0.4	9	4	110
28BYGH33-0604	1.8	33	0.6	5.5	3.2	0.06	0.4	9	4	110
28BYGH45-0704	1.8	45	0.7	7	5	0.08	0.6	11	4	140
28BYGH45-0956	1.8	45	0.95	3.4	1.2	0.06	0.6	11	6	140
28BYGH51-0604	1.8	51	0.6	9	7.2	0.1	0.8	13	4	180
28BYGH51-0956	1.8	51	0.93	4.6	1.8	0.08	0.8	13	6	180

35 series two-phase stepper motor

lead screw motor 20BYGH30

性价比高/应用广泛/运行性能稳定

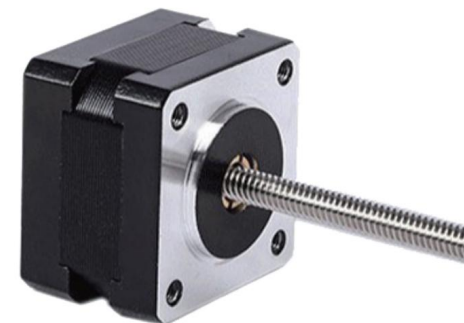
High cost performance wide application range stable operation performance

product model : Socket type screw motor

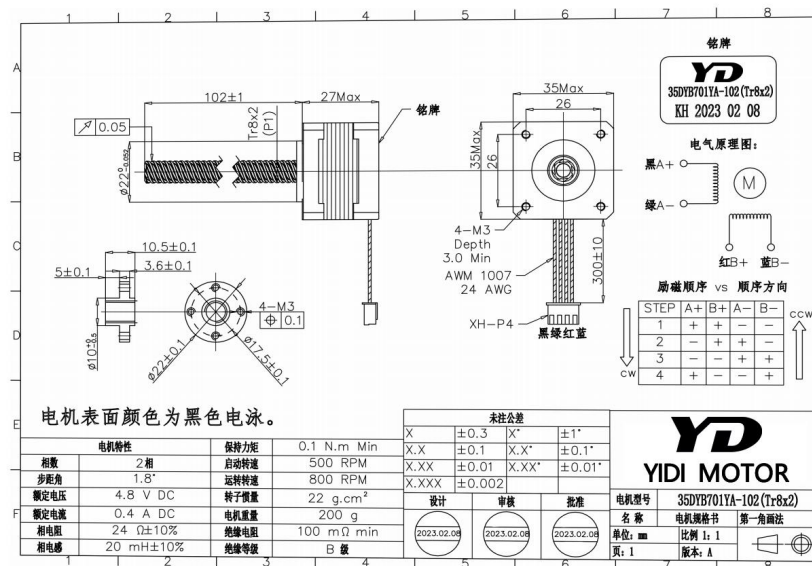
product size : 35mm*27mm

Axial length : 102mm

diameter of axle : 8mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
35BYGH20-0404	1.8	20	0.4	27	18	0.06	0.5	8	4	100
35BYGH20-0704	1.8	20	0.7	9	4	0.06	0.5	8	4	100
35BYGH28-0406	1.8	28	0.4	30	11	0.09	0.8	11	6	120
35BYGH28-0504	1.8	28	0.5	20	14	0.12	0.8	11	4	120
35BYGH28-0804	1.8	28	0.8	5	5	0.12	0.8	11	4	120
35BYGH34-0604	1.8	34	0.4	30	22	0.13	1	13	6	160
35BYGH34-0804	1.8	34	0.8	6.5	9.8	0.18	1	13	4	160

35 series two-phase stepper motor
Light axis motor 35BYH30

性价比高/应用广泛/运行性能稳定

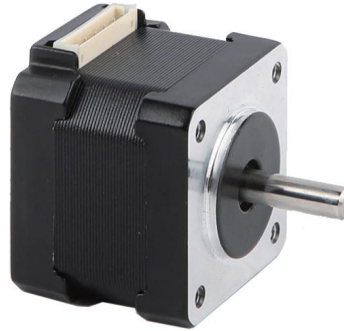
High cost performance wide application range stable operation performance

product model : Socket model

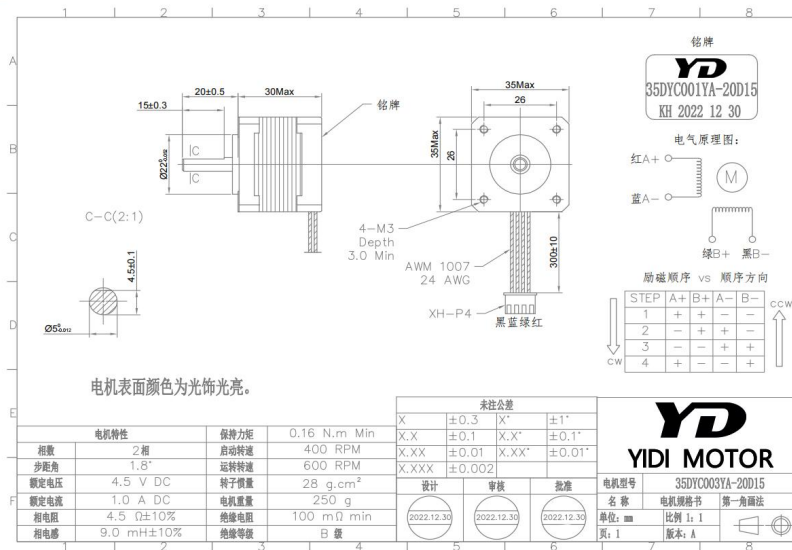
product size : 35mm*30mm

Axial length : 20mm

diameter of axle : 5mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
35BYGH20-0404	1.8	20	0.4	27	18	0.06	0.5	8	4	100
35BYGH20-0704	1.8	20	0.7	9	4	0.06	0.5	8	4	100
35BYGH28-0406	1.8	28	0.4	30	11	0.09	0.8	11	6	120
35BYGH28-0504	1.8	28	0.5	20	14	0.12	0.8	11	4	120
35BYGH28-0804	1.8	28	0.8	5	5	0.12	0.8	11	4	120
35BYGH34-0604	1.8	34	0.4	30	22	0.13	1	13	6	160
35BYGH34-0804	1.8	34	0.8	6.5	9.8	0.18	1	13	4	160

35 series two-phase stepper motor
lead screw motor 35BYG34

性价比高/应用广泛/运行性能稳定

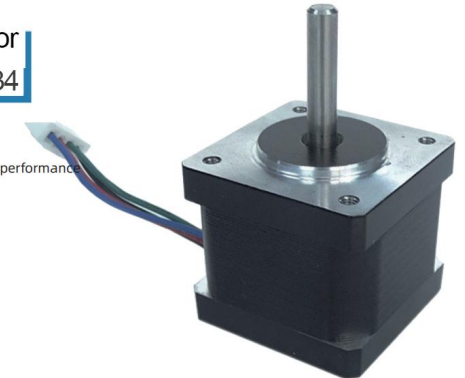
High cost performance wide application range stable operation performance

product model : Lead-in style

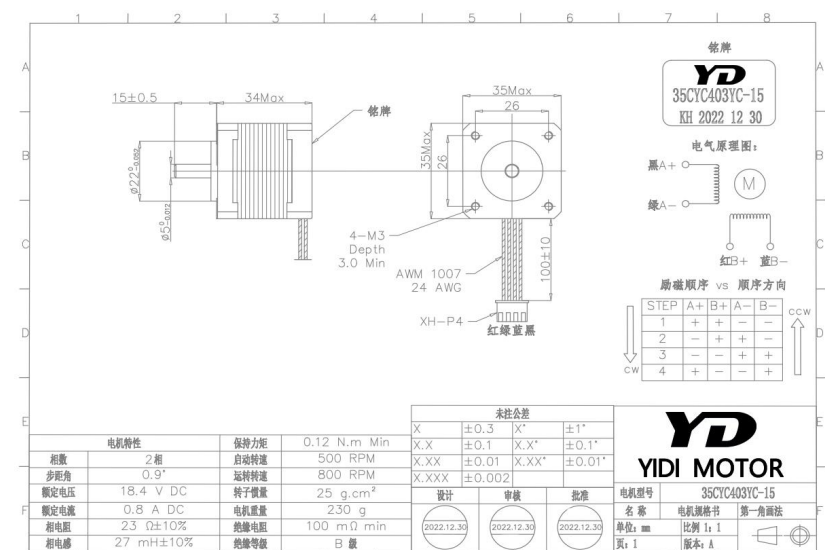
product size : 35mm*34mm

Axial length : 15mm

diameter of axle : 5mm



电机图纸 Motor drawings



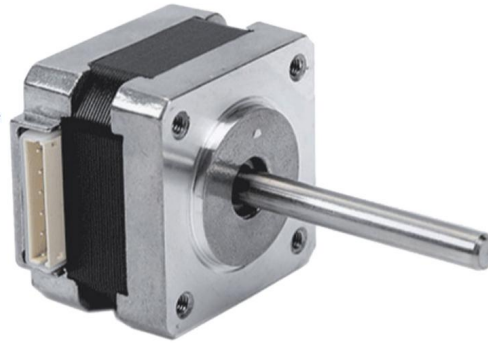
电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
35BYGH20-0404	1.8	20	0.4	27	18	0.06	0.5	8	4	100
35BYGH20-0704	1.8	20	0.7	9	4	0.06	0.5	8	4	100
35BYGH28-0406	1.8	28	0.4	30	11	0.09	0.8	11	6	120
35BYGH28-0504	1.8	28	0.5	20	14	0.12	0.8	11	4	120
35BYGH28-0804	1.8	28	0.8	5	5	0.12	0.8	11	4	120
35BYGH34-0604	1.8	34	0.4	30	22	0.13	1	13	6	160
35BYGH34-0804	1.8	34	0.8	6.5	9.8	0.18	1	13	4	160

39 series two-phase stepper motor
Light axis motor 39BYGH25

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Socket model
product size : 39mm*25mm
Axial length : 20mm
diameter of axle : 5mm



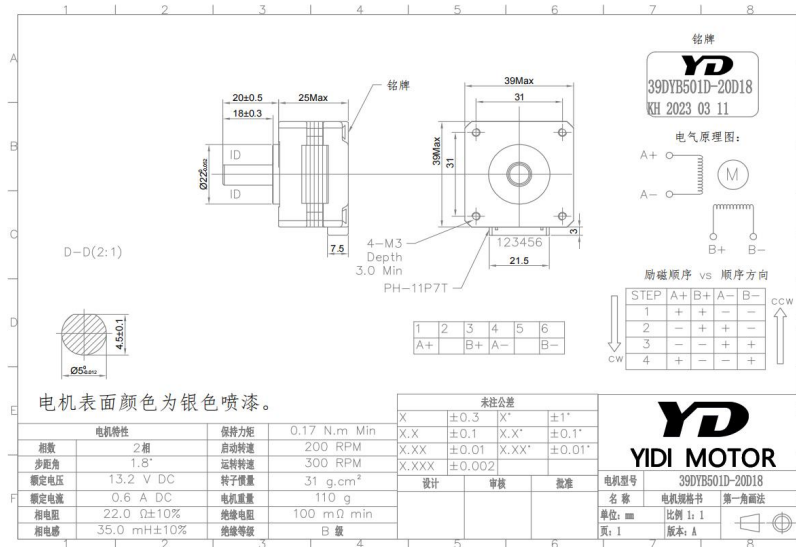
42 series two-phase stepper motor
Light axis motor 42BYGH33

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

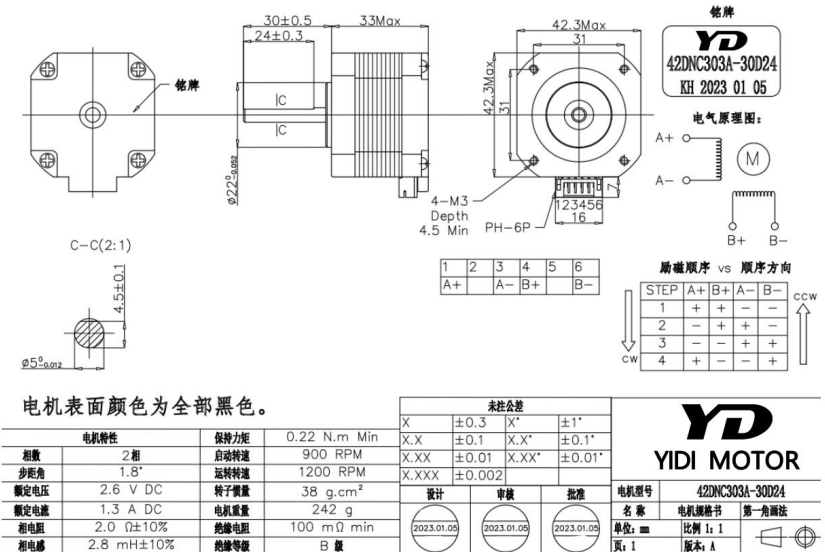
product model : Socket model
product size : 42mm*33mm
Axial length : 30mm
diameter of axle : 5mm



电机图纸 Motor drawings



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
39BYGH20-0404	1.8	20	0.4	6.6	6.2	0.12	0.6	11	4	120
39BYGH20-0506	1.8	20	0.5	15	6	0.1	0.6	11	6	120
39BYGH34-0404	1.8	34	0.4	30	32	0.18	1	20	4	180
39BYGH34-0604	1.8	34	0.6	15	16	0.18	1	20	4	180
39BYGH34-1004	1.8	34	1	5	3	0.18	1	20	4	180
39BYGH40-0406	1.8	40	0.4	30	22	0.18	1.2	24	6	220
39BYGH40-0604	1.8	40	0.6	12	20	0.24	1.2	24	4	220
39BYGH40-1204	1.8	40	1.2	3.8	6.5	0.24	1.2	24	4	220

电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

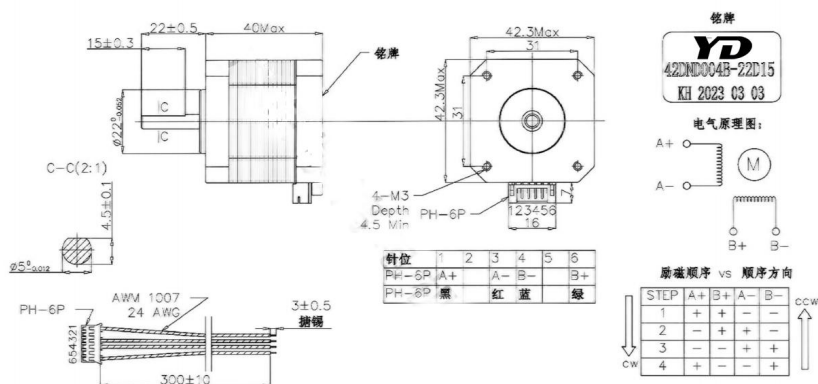
42 series two-phase stepper motor
Light axis motor 42BYGH40

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Lead wire style
product size : 42mm*40mm
Axial length : 22mm
diameter of axle : 5mm



电机图纸 Motor drawings



电机表面颜色为黑色电泳。

电机表面颜色为黑色电泳。			未注公差			YDI MOTOR		
电机特性			0.42 N.m Min			42ND040-22015		
相数	2相	启动转矩	800 RPM	X	±0.3	X'	±1°	 YIDI MOTOR
步距角	1.8°	启动转速	1000 RPM	X.X	±0.1	X.X'	±0.1°	
额定电压	3.4 V DC	运转转速	297 g.cm ²	X.XX	±0.01	X.XX'	±0.01°	
额定电流	1.7 A DC	电机重量	51 g	X.XXX	±0.002			
相电压	2.0 V ±10%	绝缘电阻	100 MΩ min	设计	审核	批准	电机型号	 YIDI MOTOR
相电阻	4.2 mΩ ±10%	绝缘等级	B 级	2023.03.03	2023.03.03	2023.03.03	名称	
							单位: mm	
							比例: 1:1	
							版本: A	
								

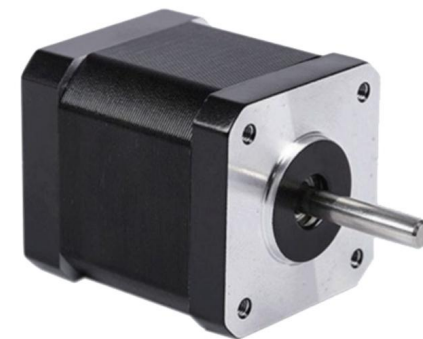
电机参数表 Motor parameter table

型 号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm²)	(NO.)	(g)
42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

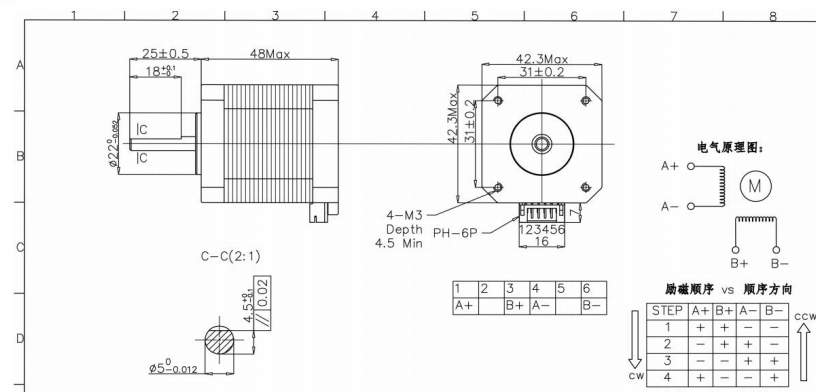
42 series two-phase stepper motor
Light axis motor 42BYGH48

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Socket model
product size : 42mm*48mm
Axial length : 25mm
diameter of axle : 5mm



电机图纸 Motor drawings



电机表面颜色为黑色电泳。

电机表面颜色为黑色电泳。				未注公差 <table><tr><td>X</td><td>±0.3</td><td>X'</td><td>±1'</td></tr><tr><td>X.X</td><td>±0.1</td><td>X.X'</td><td>±0.1'</td></tr><tr><td>X.XX</td><td>±0.01</td><td>X.XX'</td><td>±0.01'</td></tr><tr><td>X.XXX</td><td>±0.002</td><td></td><td></td></tr></table>				X	±0.3	X'	±1'	X.X	±0.1	X.X'	±0.1'	X.XX	±0.01	X.XX'	±0.01'	X.XXX	±0.002			 YIDI MOTOR																	
X	±0.3	X'	±1'																																						
X.X	±0.1	X.X'	±0.1'																																						
X.XX	±0.01	X.XX'	±0.01'																																						
X.XXX	±0.002																																								
电机特性 <table><tr><td>相数</td><td>2 相</td><td>保持力矩</td><td>0.6 N.m Min</td></tr><tr><td>步距角</td><td>1.8°</td><td>启动频率</td><td>600 pps</td></tr><tr><td>额定电压</td><td>2.9 V DC</td><td>运转频率</td><td>800 pps</td></tr><tr><td>额定电流</td><td>1.6 A DC</td><td>转矩重量</td><td>82 g.cm²</td></tr><tr><td>相电阻</td><td>1.8 Ω±10%</td><td>电机重量</td><td>365 g</td></tr><tr><td>相电感</td><td>3.1 mH±10%</td><td>绝缘电阻</td><td>100 mΩ min</td></tr><tr><td></td><td></td><td>绝缘等级</td><td>B 级</td></tr></table>				相数	2 相	保持力矩	0.6 N.m Min	步距角	1.8°	启动频率	600 pps	额定电压	2.9 V DC	运转频率	800 pps	额定电流	1.6 A DC	转矩重量	82 g.cm ²	相电阻	1.8 Ω±10%	电机重量	365 g	相电感	3.1 mH±10%	绝缘电阻	100 mΩ min			绝缘等级	B 级	<table><tr><td>设计</td><td>审核</td><td>批准</td></tr><tr><td>2022.12.15</td><td>2022.12.15</td><td>2022.12.15</td></tr></table>				设计	审核	批准	2022.12.15	2022.12.15	2022.12.15
相数	2 相	保持力矩	0.6 N.m Min																																						
步距角	1.8°	启动频率	600 pps																																						
额定电压	2.9 V DC	运转频率	800 pps																																						
额定电流	1.6 A DC	转矩重量	82 g.cm ²																																						
相电阻	1.8 Ω±10%	电机重量	365 g																																						
相电感	3.1 mH±10%	绝缘电阻	100 mΩ min																																						
		绝缘等级	B 级																																						
设计	审核	批准																																							
2022.12.15	2022.12.15	2022.12.15																																							
				<table><tr><td colspan="2">电机型号</td><td colspan="2">42ND0808C-25D18</td></tr><tr><td>名 称</td><td>电机规格书</td><td colspan="2">第一角画法</td></tr><tr><td>单位: mm</td><td>比例: 1:1</td><td colspan="2">版本: A</td></tr></table>				电机型号		42ND0808C-25D18		名 称	电机规格书	第一角画法		单位: mm	比例: 1:1	版本: A																							
电机型号		42ND0808C-25D18																																							
名 称	电机规格书	第一角画法																																							
单位: mm	比例: 1:1	版本: A																																							
																																									

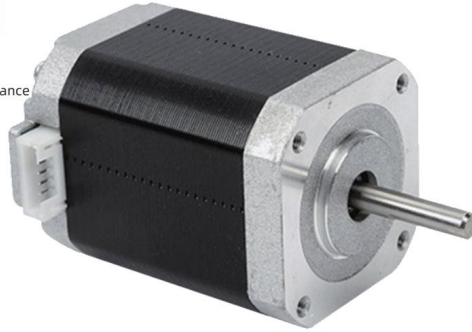
电机参数表 Motor parameter table

型 号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weigh
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N · m)	(N · cm)	(g · cm ²)	(NO.)	(g)
42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

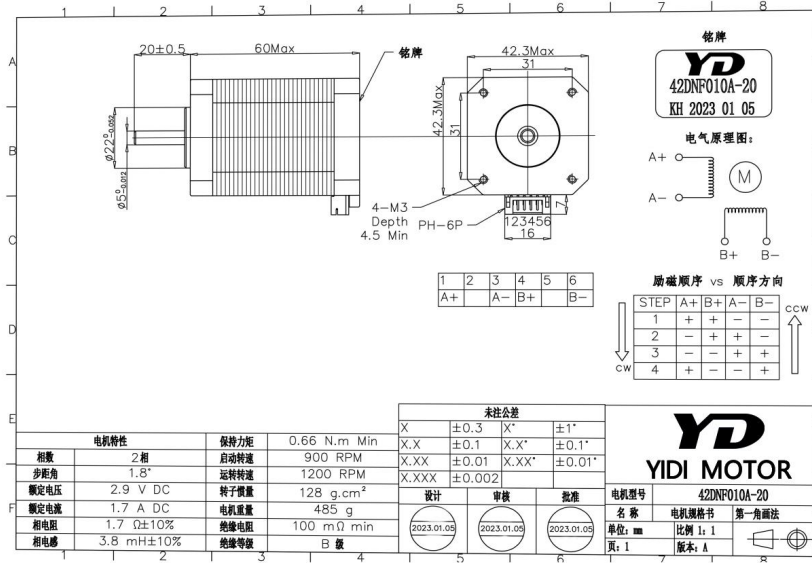
42 series two-phase stepper motor
Light axis motor 42BYGH60

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Socket model
product size : 42mm*60mm
Axial length : 20mm
diameter of axle : 5mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
42BYGH34-0406	42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

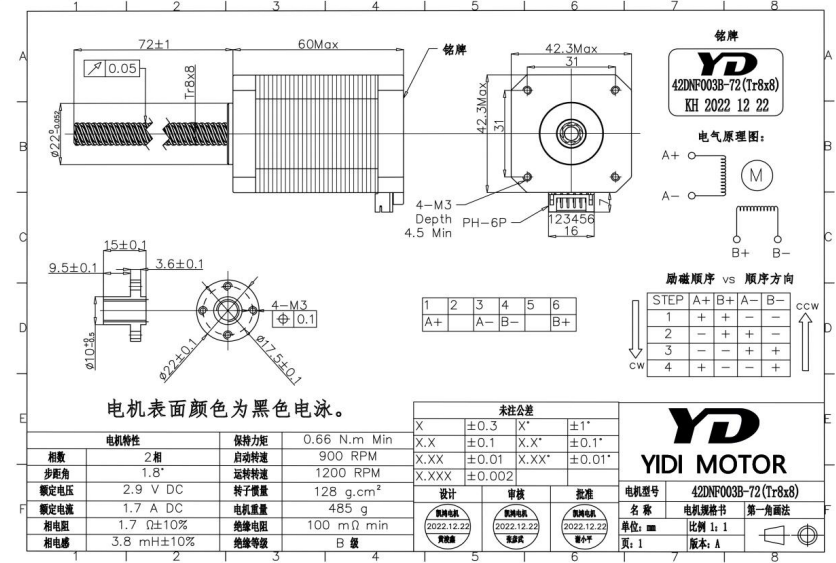
42 series two-phase stepper motor
lead screw motor 42BYGH60

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Socket type screw motor
product size : 42mm*60mm
Axial length : 72mm
diameter of axle : 8mm



电机图纸 Motor drawings



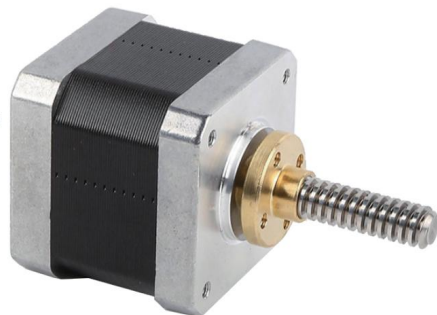
电机参数表 Motor parameter table

型号	Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
42BYGH34-0406	42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

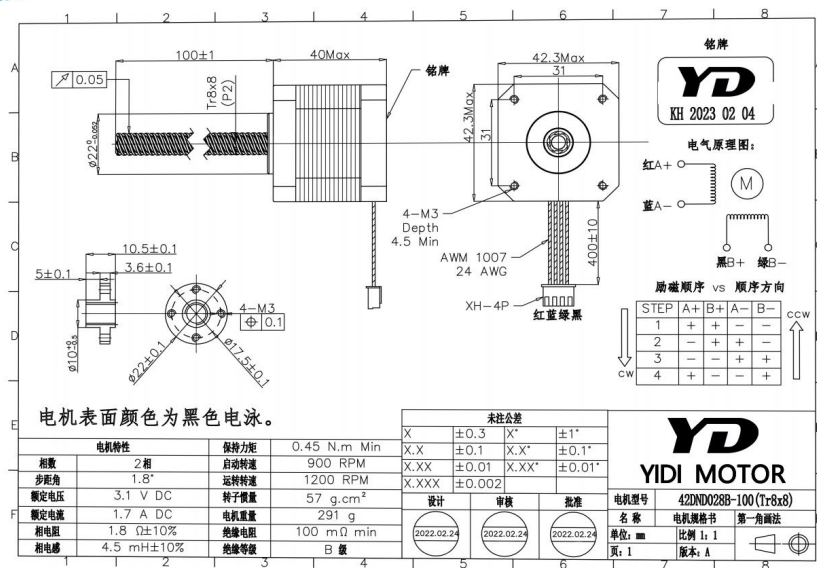
42 series two-phase stepper motor
lead screw motor 42BYGH40

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Plug-in type screw motor
product size : 42mm*40mm
Axial length : 100mm
diameter of axle : 8mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

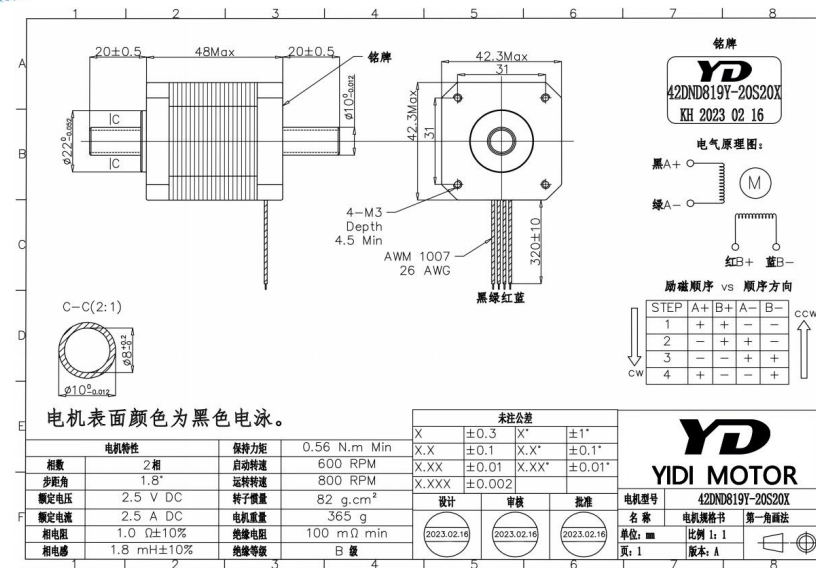
42 series two-phase stepper motor
Double-axis motor 42BYGH48

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Lead wire style
product size : 42mm*48mm
Axial length : 10mm
diameter of axle : 10mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

42 series two-phase stepper motor
Ball screw motor 42BYGH48

性价比高/应用广泛/运行性能稳定

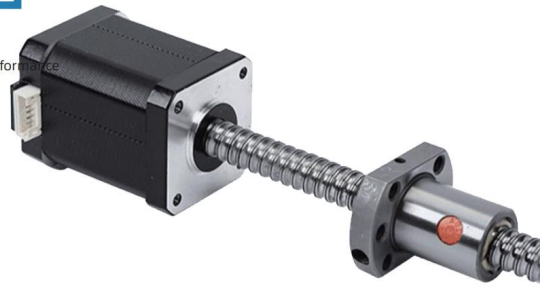
High cost performance wide application range stable operation performance

product model : Socket model

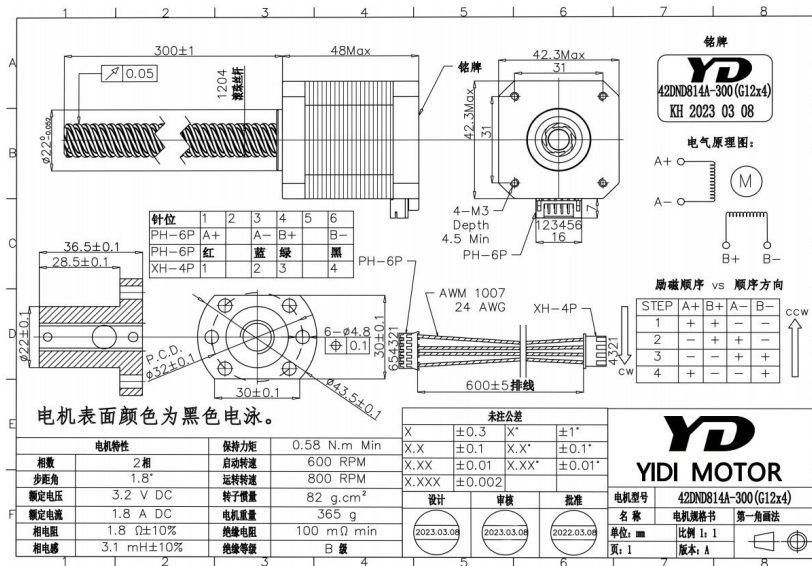
product size : 42mm*48mm

Axial length : 300mm

diameter of axle :12mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(g)
42BYGH34-0406	1.8	34	0.4	30	18	0.21	1.6	34	6	220
42BYGH34-1304	1.8	34	1.3	2.3	2.9	0.28	1.6	34	4	220
42BYGH34-1704	1.8	34	1.7	1.2	1.8	0.28	1.6	34	4	220
42BYGH40-0406	1.8	40	0.4	30	30	0.28	2.2	54	6	280
42BYGH40-1304	1.8	40	1.3	2.5	5	0.4	2.2	54	4	280
42BYGH40-1704	1.8	40	1.7	1.5	2.9	0.4	2.2	54	4	280
42BYGH48-0406	1.8	48	0.4	30	27	0.34	2.6	68	6	350
42BYGH48-1304	1.8	48	1.3	3.2	5.5	0.52	2.6	68	4	350
42BYGH48-2504	1.8	48	2.5	1.3	1.8	0.52	2.6	68	4	350
42BYGH60-1304	1.8	60	1.3	4.2	9.5	0.65	3.8	102	4	460

57 series two-phase stepper motor
Light axis motor 57BYGH4112

性价比高/应用广泛/运行性能稳定

High cost performance wide application range stable operation performance

product model : Socket model

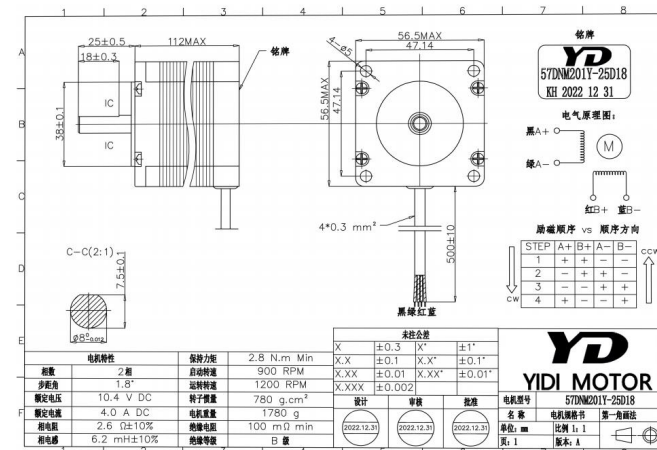
product size : 57mm*112mm

Axial length : 25mm

diameter of axle :8mm



电机图纸 Motor drawings



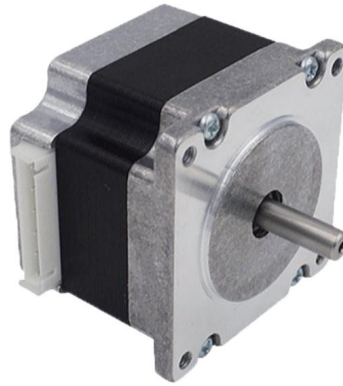
电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(Kg)
57BYGH41-0604	1.8	41	0.6	10	22	0.55	2.5	150	4	0.47
57BYGH41-2004	1.8	41	2.0	1.3	2.8	0.55	2.5	150	4	0.47
57BYGH45-0624	1.8	45	0.62	12	26	0.8	2.8	190	4	0.52
57BYGH51-0806	1.8	51	0.8	6.8	9.2	0.62	3	230	6	0.59
57BYGH51-2804	1.8	51	2.8	0.85	2.1	0.9	3	230	4	0.59
57BYGH56-1506	1.8	56	1.5	3.2	5.5	0.9	3.5	280	6	0.68
57BYGH56-2504	1.8	56	2.5	1.3	4.0	1.1	3.5	280	4	0.68
57BYGH56-4204	1.8	56	4.2	0.4	1.3	1.1	3.5	280	4	0.68
57BYGH64-1004	1.8	64	1	7.5	20	1.4	5	380	4	0.85
57BYGH64-3004	1.8	64	3.0	1.3	2.0	1.4	5	380	4	0.85
57BYGH76-2804	1.8	76	2.8	1.2	4.3	1.8	6	440	4	1.05
57BYGH76-4204	1.8	76	4.2	0.55	1.8	1.8	6	440	4	1.05
57BYGH80-4204	1.8	80	4.2	0.6	2.2	2.0	7	500	4	1.1
57BYGH83-4204	1.8	83	4.2	0.65	2.5	2.2	8	560	4	1.2
57BYGH100-4204	1.8	100	4.2	0.75	2.9	2.5	10	680	4	1.5
57BYGH112-3004	1.8	112	3	1.6	6.8	2.8	12	800	4	1.7
57BYGH112-4204	1.8	112	4.2	0.85	3.8	2.8	12	800	4	1.7

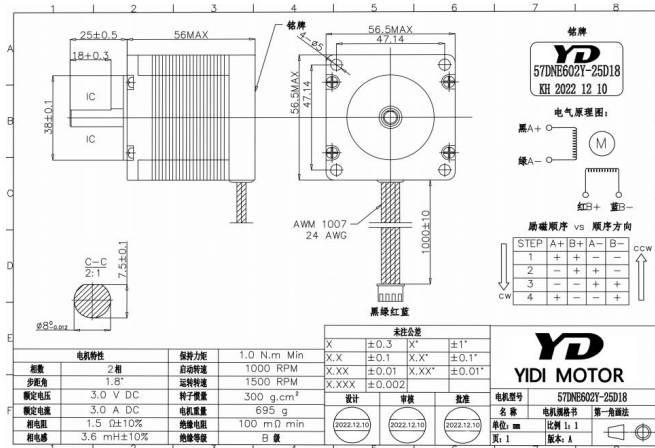
57 series two-phase stepper motor
Light axis motor 57BYGH56

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Socket model
product size : 57mm*56mm
Axial length : 25mm
diameter of axle :8mm



电机图纸 Motor drawings



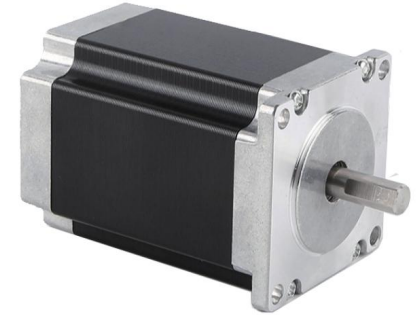
电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static torque	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(Kg)
57BYGH41-0604	1.8	41	0.6	10	22	0.55	2.5	150	4	0.47
57BYGH41-2004	1.8	41	2.0	1.3	2.8	0.55	2.5	150	4	0.47
57BYGH45-0624	1.8	45	0.62	12	26	0.8	2.8	190	4	0.52
57BYGH51-0806	1.8	51	0.8	6.8	9.2	0.62	3	230	6	0.59
57BYGH51-2804	1.8	51	2.8	0.85	2.1	0.9	3	230	4	0.59
57BYGH56-1506	1.8	56	1.5	3.2	5.5	0.9	3.5	280	6	0.68
57BYGH56-2504	1.8	56	2.5	1.3	4.0	1.1	3.5	280	4	0.68
57BYGH56-4204	1.8	56	4.2	0.4	1.3	1.1	3.5	280	4	0.68
57BYGH64-1004	1.8	64	1	7.5	20	1.4	5	380	4	0.85
57BYGH64-3004	1.8	64	3.0	1.3	2.0	1.4	5	380	4	0.85
57BYGH76-2804	1.8	76	2.8	1.2	4.3	1.8	6	440	4	1.05
57BYGH76-4204	1.8	76	4.2	0.55	1.8	1.8	6	440	4	1.05
57BYGH80-4204	1.8	80	4.2	0.6	2.2	2.0	7	500	4	1.1
57BYGH83-4204	1.8	83	4.2	0.65	2.5	2.2	8	560	4	1.2
57BYGH100-4204	1.8	100	4.2	0.75	2.9	2.5	10	680	4	1.5
57BYGH112-3004	1.8	112	3	1.6	6.8	2.8	12	800	4	1.7
57BYGH112-4204	1.8	112	4.2	0.85	3.8	2.8	12	800	4	1.7

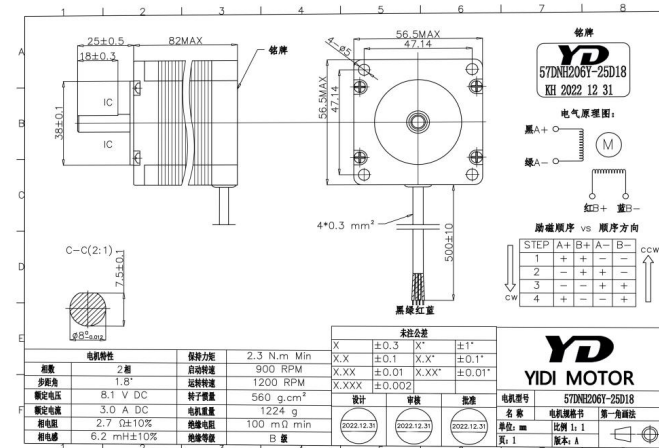
57 series two-phase stepper motor
Light axis motor 57BYGH82

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Lead wire style
product size : 57mm*82mm
Axial length : 25mm
diameter of axle :8mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static torque	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(Kg)
57BYGH41-0604	1.8	41	0.6	10	22	0.55	2.5	150	4	0.47
57BYGH41-2004	1.8	41	2.0	1.3	2.8	0.55	2.5	150	4	0.47
57BYGH45-0624	1.8	45	0.62	12	26	0.8	2.8	190	4	0.52
57BYGH51-0806	1.8	51	0.8	6.8	9.2	0.62	3	230	6	0.59
57BYGH51-2804	1.8	51	2.8	0.85	2.1	0.9	3	230	4	0.59
57BYGH56-1506	1.8	56	1.5	3.2	5.5	0.9	3.5	280	6	0.68
57BYGH56-2504	1.8	56	2.5	1.3	4.0	1.1	3.5	280	4	0.68
57BYGH56-4204	1.8	56	4.2	0.4	1.3	1.1	3.5	280	4	0.68
57BYGH64-1004	1.8	64	1	7.5	20	1.4	5	380	4	0.85
57BYGH64-3004	1.8	64	3.0	1.3	2.0	1.4	5	380	4	0.85
57BYGH76-2804	1.8	76	2.8	1.2	4.3	1.8	6	440	4	1.05
57BYGH76-4204	1.8	76	4.2	0.55	1.8	1.8	6	440	4	1.05
57BYGH80-4204	1.8	80	4.2	0.6	2.2	2.0	7	500	4	1.1
57BYGH83-4204	1.8	83	4.2	0.65	2.5	2.2	8	560	4	1.2
57BYGH100-4204	1.8	100	4.2	0.75	2.9	2.5	10	680	4	1.5
57BYGH112-3004	1.8	112	3	1.6	6.8	2.8	12	800	4	1.7
57BYGH112-4204	1.8	112	4.2	0.85	3.8	2.8	12	800	4	1.7

57 series two-phase stepper motor
Light axis motor 57BYGH112

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

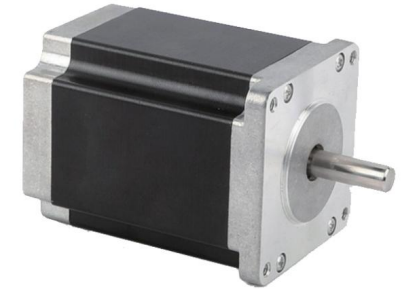
product model : Socket model
product size : 57mm*112mm
Axial length : 25mm
diameter of axle :8mm



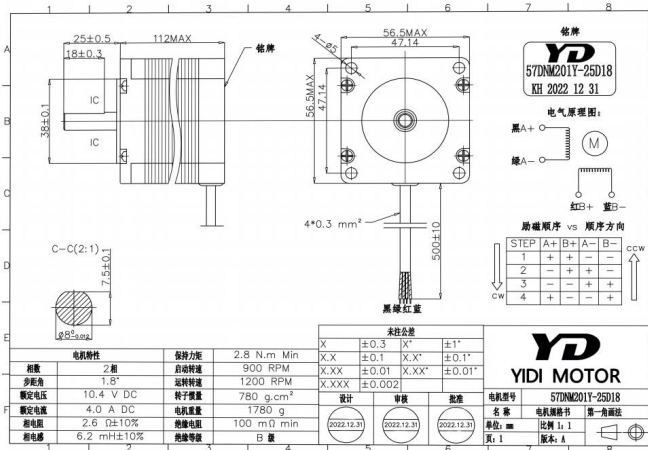
60 series two-phase stepper motor
Light axis motor 60BYGH85

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Socket model with gears
product size : 60mm*85mm
Axial length : 21mm
diameter of axle :8mm



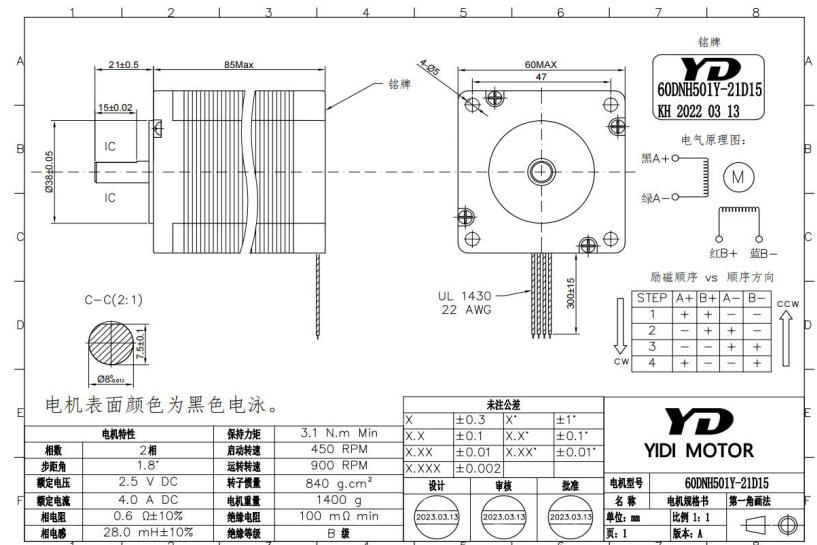
电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm²)	(NO.)	(Kg)
57BYGH41-0604	1.8	41	0.6	10	22	0.55	2.5	150	4	0.47
57BYGH41-2004	1.8	41	2.0	1.3	2.8	0.55	2.5	150	4	0.47
57BYGH45-0624	1.8	45	0.62	12	26	0.8	2.8	190	4	0.52
57BYGH51-0806	1.8	51	0.8	6.8	9.2	0.62	3	230	6	0.59
57BYGH51-2804	1.8	51	2.8	0.85	2.1	0.9	3	230	4	0.59
57BYGH56-1506	1.8	56	1.5	3.2	5.5	0.9	3.5	280	6	0.68
57BYGH56-2504	1.8	56	2.5	1.3	4.0	1.1	3.5	280	4	0.68
57BYGH56-4204	1.8	56	4.2	0.4	1.3	1.1	3.5	280	4	0.68
57BYGH64-1004	1.8	64	1	7.5	20	1.4	5	380	4	0.85
57BYGH64-3004	1.8	64	3.0	1.3	2.0	1.4	5	380	4	0.85
57BYGH76-2804	1.8	76	2.8	1.2	4.3	1.8	6	440	4	1.05
57BYGH76-4204	1.8	76	4.2	0.55	1.8	1.8	6	440	4	1.05
57BYGH80-4204	1.8	80	4.2	0.6	2.2	2.0	7	500	4	1.1
57BYGH83-4204	1.8	83	4.2	0.65	2.5	2.2	8	560	4	1.2
57BYGH100-4204	1.8	100	4.2	0.75	2.9	2.5	10	680	4	1.5
57BYGH112-3004	1.8	112	3	1.6	6.8	2.8	12	800	4	1.7
57BYGH112-4204	1.8	112	4.2	0.85	3.8	2.8	12	800	4	1.7

电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm²)	(NO.)	(g)
60BYGH45-2504	1.8	45	2.5	1	2.2	0.85	3	200	4	0.55
60BYGH56-2504	1.8	56	2.5	1.3	4.2	1.6	4	350	4	0.7
60BYGH56-4204	1.8	56	4.2	0.4	1.2	1.6	4	350	4	0.7
60BYGH65-3004	1.8	65	3.0	0.8	2.3	1.8	5	450	4	0.85
60BYGH65-4204	1.8	65	4.2	0.55	1.2	1.8	5	450	4	0.85
60BYGH76-2504	1.8	76	2.5	1.8	6.5	2.2	7	550	4	1.15
60BYGH76-3004	1.8	76	3.0	1	3.5	2.2	7	550	4	1.15
60BYGH76-4204	1.8	76	4.2	0.6	1.8	2.2	7	550	4	1.15
60BYGH89-3004	1.8	89	3.0	1.4	5.5	2.6	12	780	4	1.4
60BYGH89-4204	1.8	89	4.2	0.7	2.8	2.6	12	780	4	1.4
60BYGH100-4204	1.8	100	4.2	0.7	3	3.0	16	900	4	1.6
60BYGH112-4204	1.8	112	4.2	0.85	3.5	3.6	16	900	4	1.8

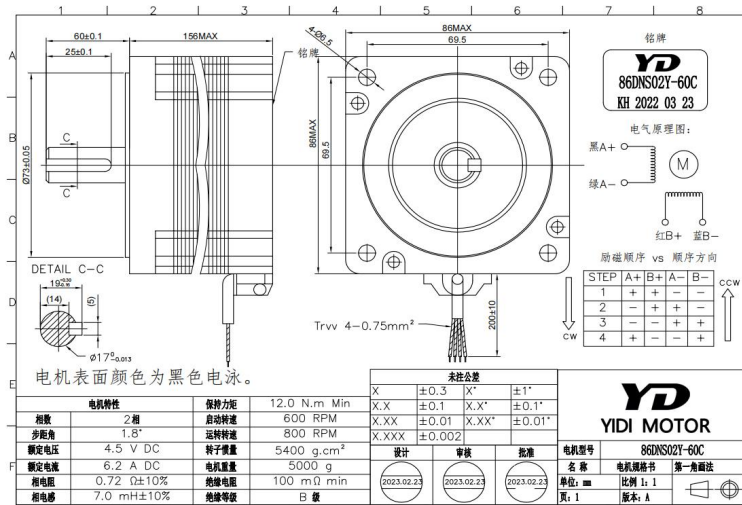
86 series two-phase stepper motor
Light axis motor 86BYGH156

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : circular shaft
product size : 86mm*156mm
Axial length : 60mm
diameter of axle :14mm
card slot : 25mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(Kg)
86BYGH68-3004	1.8	68	3	1.2	6.8	3.3	5.5	1000	4	2
86BYGH68-4206	1.8	68	4.2	0.6	1.6	3.3	5.5	1000	6	2
86BYGH68-6004	1.8	68	6	0.3	1.7	3.3	5.5	1000	4	2
86BYGH78-2008	1.8	78	2	2.2	10	4	6.5	1400	8	2.5
86BYGH78-4208	1.8	78	4.2	0.7	2.8	4	6.5	1400	8	2.5
86BYGH78-6004	1.8	78	6	0.35	2.8	4	6.5	1400	4	2.5
86BYGH98-4208	1.8	98	4.2	0.8	4.2	6.2	9.5	2000	8	3
86BYGH98-6004	1.8	98	6	0.4	4.2	6.2	9.5	2000	4	3
86BYGH114-4208	1.8	114	4.2	1.1	5.8	8	12.5	2700	8	3.7
86BYGH114-6004	1.8	114	6	0.6	5.8	8	12.5	2700	4	3.7
86BYGH126-4208	1.8	126	4.2	1.2	6.2	10.5	18.5	3300	8	4.2
86BYGH126-6004	1.8	126	6	0.6	6.2	10.5	18.5	3300	4	4.2
86BYGH150-4208	1.8	150	4.2	1.5	8.6	12	24.5	4000	8	5
86BYGH150-6004	1.8	150	6	0.75	8.6	12	24.5	4000	4	5

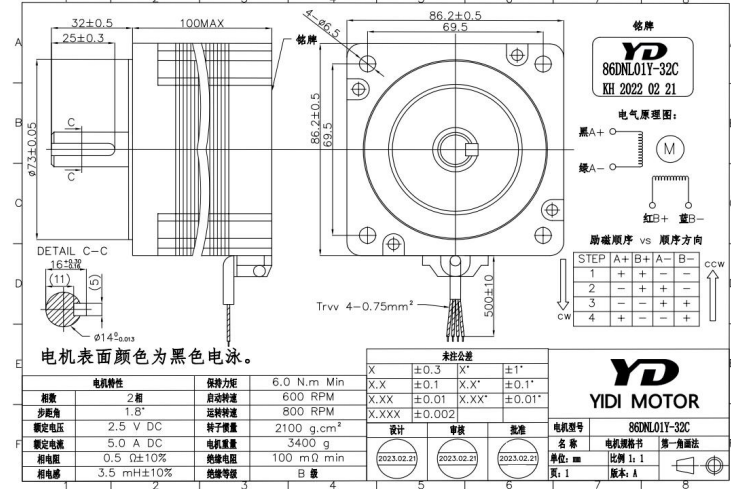
86 series two-phase stepper motor
Light axis motor 86BYGH100

性价比高/应用广泛/运行性能稳定
High cost performance wide application range stable operation performance

product model : Lead wire style
product size : 86mm*100mm
Axial length : 32mm
diameter of axle :14mm



电机图纸 Motor drawings



电机参数表 Motor parameter table

型号	step angle	fuselage length	electric current	resistance	inductance	static moment	location torque	rotational inertia	pin count	weight
Model	(°)	L(mm)	(A)	(Ω)	(mH)	(N·m)	(N·cm)	(g·cm ²)	(NO.)	(Kg)
86BYGH68-3004	1.8	68	3	1.2	6.8	3.3	5.5	1000	4	2
86BYGH68-4206	1.8	68	4.2	0.6	1.6	3.3	5.5	1000	6	2
86BYGH68-6004	1.8	68	6	0.3	1.7	3.3	5.5	1000	4	2
86BYGH78-2008	1.8	78	2	2.2	10	4	6.5	1400	8	2.5
86BYGH78-4208	1.8	78	4.2	0.7	2.8	4	6.5	1400	8	2.5
86BYGH78-6004	1.8	78	6	0.35	2.8	4	6.5	1400	4	2.5
86BYGH98-4208	1.8	98	4.2	0.8	4.2	6.2	9.5	2000	8	3
86BYGH98-6004	1.8	98	6	0.4	4.2	6.2	9.5	2000	4	3
86BYGH114-4208	1.8	114	4.2	1.1	5.8	8	12.5	2700	8	3.7
86BYGH114-6004	1.8	114	6	0.6	5.8	8	12.5	2700	4	3.7
86BYGH126-4208	1.8	126	4.2	1.2	6.2	10.5	18.5	3300	8	4.2
86BYGH126-6004	1.8	126	6	0.6	6.2	10.5	18.5	3300	4	4.2
86BYGH150-4208	1.8	150	4.2	1.5	8.6	12	24.5	4000	8	5
86BYGH150-6004	1.8	150	6	0.75	8.6	12	24.5	4000	4	5

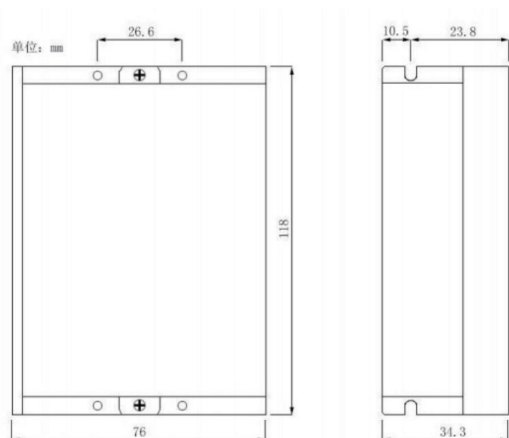
DM556 driver

性能优良/安全稳定/质量放心
Excellent performance, strong practicality, reliable quality

product model : DM556 driver



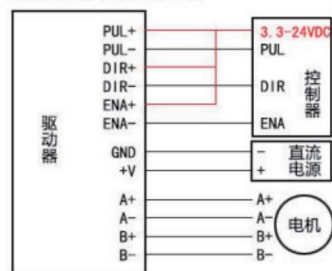
驱动器尺寸 Driver size



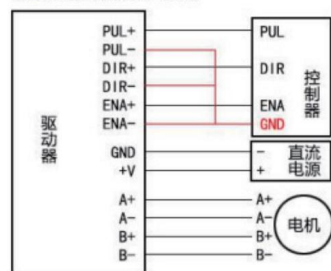
驱动器接线图 Driver Wiring Diagram

接线图

共阳极接法 (低电平有效)



共阴极接法 (高电平有效)



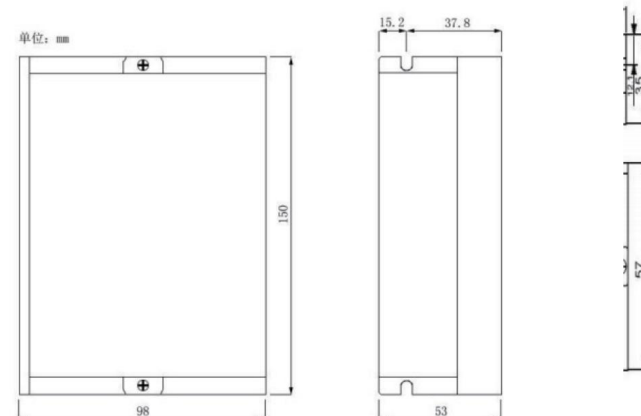
DM860H driver

性能优良/安全稳定/质量放心
Excellent performance, strong practicality, reliable quality

product model : DM860H driver



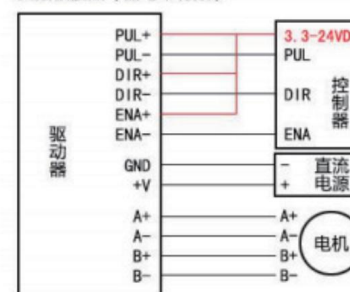
驱动器尺寸 Driver size



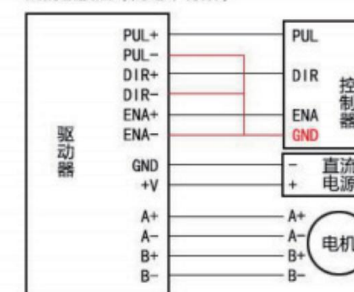
驱动器接线图 Driver Wiring Diagram

接线图

共阳极接法 (低电平有效)



共阴极接法 (高电平有效)

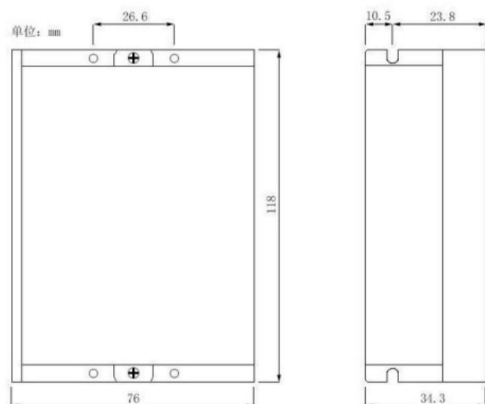


DM542 driver

性能优良/安全稳定/质量放心
Excellent performance, strong practicality, reliable quality

product model : DM542 driver

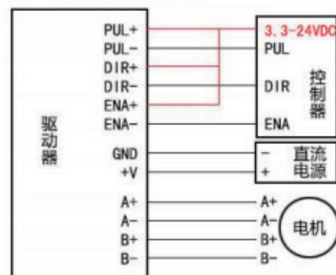
驱动器尺寸 Driver size



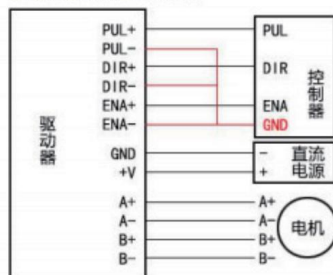
驱动器接线图 Driver Wiring Diagram

接线图

共阳极接法（低电平有效）



共阴极接法（高电平有效）



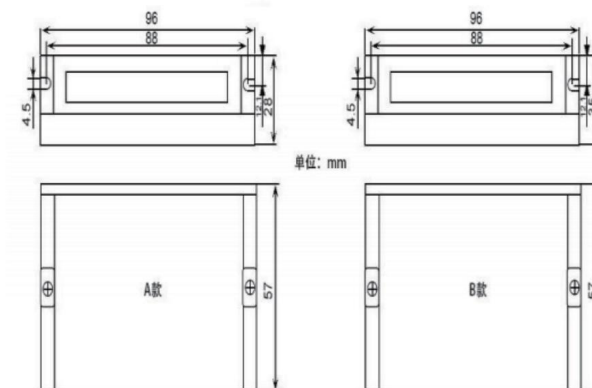
TB6600 driver

性能优良/安全稳定/质量放心
Excellent performance, strong practicality, reliable quality

product model : TB6600 driver

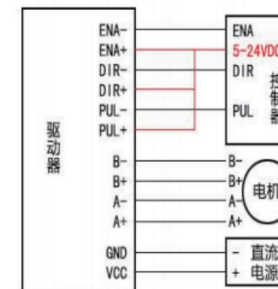


驱动器尺寸 Driver size



驱动器接线图 Driver Wiring Diagram

共阳极接法（低电平有效）



共阴极接法（高电平有效）

