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嘉昱通用伺服产品选型手册
Jiayu Universal Servo Product Selection Manual
2023版

PRODUCT CATALOGUE

产品目录

公司介绍 Company Profile	3
通用伺服驱动器产品介绍 Universal Servo Drive	7
L10 系列 L10 Series	11
H100 系列 H100 Series	13
L11-10612 系列 L11-10612 Series	15
L11EtherCAT 系列 L11EtherCAT Series	17
L11-20305 系列 L11-20305 Series	19
L12-10612 系列 L12-10612 series	21
L12-20612 系列 L12-20612 series	23
L12-20620 系列 L12-20620 series	25
L12-10660 系列 L12-10660 series	27
AL400 系列 AL400 Series	29
AL750 系列 AL750 Series	31
HL200 系列 HL200 Series	33
通用伺服电机产品介绍 Universal Servo Motor	35
EBS40F 系列 EBS40F Series	37
EBS60F 系列 EBS60F Series	39
EBS80F 系列 EBS80F Series	43
EBS130F 系列 EBS130F Series	47
减速机产品介绍 Product introduction of reducer	49
JYPNE40 系列 JYPNE40 Series	51
JYPNE60/80/120 系列 JYPNE60/80/120 Series	53
JYPNF60/80/120 系列 JYPNF 60/80/120Series	55
JYPZF60/80/120 系列 JYPZF 60/80/120Series	57
JYPNX78/90 系列 JYPNX 78/90 Series	59
减速机斜齿系列 Reducer helical gear series	61
JYMNE70/90/120/155 系列 JYMNE 70/90/120/155 Series	63
JYMNH64/90/115 系列 JYMNH 64/90/115 Series	65
JYMNE60/90/142 系列 JYMNE 60/90/142 Series	67

轮毂电机产品介绍 Hub wheel motor product introduction	69
4 英寸伺服轮毂电机 4-inch servo hub wheel motor	71
4.5 英寸伺服轮毂电机 4.5-inch servo hub wheel motor	73
5.5 英寸伺服轮毂电机 5.5-inch servo hub wheel motor	75
6.5 英寸伺服轮毂电机 6.5-inch servo hub wheel motor	77
8 英寸伺服轮毂电机 8-inch servo hub wheel motor	79
10 英寸伺服轮毂电机 10-inch servo hub wheel motor	81
12.5 英寸伺服轮毂电机 12.5-inch servo hub wheel motor	83
14 英寸伺服轮毂电机 14-inch servo hub wheel motor	85



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全球自动化设备都有我们的电控

伺服减速电机产品介绍 Servo geared motor product introduction	87
EBS50R-75W 伺服减速电机 EBS50R-75W Servo Geared Motor	89
EBS60R-60W 伺服减速电机 EBS60R-60W Servo Geared Motor	91
EBS60R-100W 伺服减速电机 EBS60R-100W Servo Geared Motor	93
EBS60R-200W 伺服减速电机 EBS60R-200W Servo Geared Motor	95
EBS60R-400W 伺服减速电机 EBS60R-400W Servo Geared Motor	97
市场案例分享 Market cases sharing	99





嘉昱机电
JIA YU MECHATRONIC

公司简介

COMPANY PROFILE



设计
Design



研发
R&D



生产
Production



销售
Sell

深圳市嘉昱机电有限公司，是一家拥有核心伺服驱动技术，40多项发明专利、50多项实用新型，120多项软件著作的国家高新技术企业，是国家工信部速通门行业标准主编单位。嘉昱机电致力于自动化设备的伺服电机、伺服驱动器、减速机核心部件的研发、生产、和销售。嘉昱机电提供自动化行业的伺服配套解决方案，特别是在国内通道电控行业已经处于行业领先，享誉全球的品牌。

为保持技术的持续领先和产品可靠，公司引进德国、瑞士先进的控制技术和制造工艺，从2018年开始，公司陆续和华中科技大学、华南理工大学、深圳大学等高校结成校企联盟，深度合作，经常进行学术交流，有效提升我司研发整体学术水平。公司拥有行业经验丰富的研发制造团队，在全球自动化领域深耕细作，将伺服控制技术应用到智能制造和工业4.0场景。

本公司自成立以来，凭借“客户第一，合作共赢，品质为本，持续创新”赢得了广大客户的认可及支持，现工厂面积2000多平方米，已通过ISO9001:2015质量管理体系认证。东莞制造工厂6000平米计划投入生产。在自动化设备行业，嘉昱机电研发制造的电控产品累计出货数10万套，配置在合作客户的整机设备上，遍布祖国大江南北，以及欧洲、中东、南美、东南亚等海内外地区。

Shenzhen Jiayu Mechatronic Co., Ltd, it's a national high-tech enterprise with core servo drive technology, more than 40 invention patents, more than 50 utility patents, and more than 120 software copyrights, which is the national Ministry of Industry and Information Technology speed gate Industry standard editor-in-chief unit. Jiayu Mechatronic is committed to R&D&sell the core components of automation equipment. Such as, servo motor, servo drive, reducer, etc. Jiayu Mechatronic provides servo supporting solutions for automation industry. Especially in the domestic turnstile electric control industry has been in the industry leader and become the well-known brands around the world.

In order to maintain the continuous leading technology and produce the reliable products, the company introduces advanced control technology and manufacturing process from Germany and Switzerland. From 2018, the company has alliance between colleges, such as Huazhong University of Science and Technology, South China University of Technology and Shenzhen University in order to maintain the leading technology and produce the reliable products. The company has an industry experienced R & D manufacturing team, in the field of global automation keep developing, and We apply servo control technology to intelligent manufacturing and Industry 4.0 .

Since its establishment, our company has won the recognition and support of our customers by virtue of "customer first, win-win cooperation, quality-oriented and continuous innovation". The factory area is more than 2000 square meters, and has passed the ISO9001:2015 quality management system certification. The Dongguan factory area more than 6000 square meters is planned to be put into production. In the automation equipment industry, Jiayu Mechatronic R&D and manufacturing of electronic control products accumulated delivery about 100,000 sets, configured in the cooperation of the customer's complete equipment, the products are distributed throughout the motherland, as well as Europe, the Middle East, South America, Southeast Asia and other regions home and abroad.

公司资质 Company Qualification

公司所有产品均基于自有发明专利及软件著作权研发，较同类产品具有显著性能和成本优势。每年积极地推陈出新，并对新产品申请外观专利和软件著作权、硬件设计等相关专利，为客户设备产品保驾护航。

每一次的耕耘都会带来收获，荣誉是我们一贯精益求精对待品质和持之以恒、执着创新的最大回馈。

All of our products are developed based on our own invention patents and software copyrights, and have significant performance and cost advantages over similar products. Every year, we actively push out new products and apply for appearance patents and software copyrights and hardware design patents for new products. We also apply for appearance patents and software copyrights, hardware designs and other related patents for new products to protect the products of our cooperative customers.

Each plowing will bring harvest, and the honor is the greatest return of our consistent excellence in quality and perseverance, persistent innovation.



ISO9001认证证书
ISO9001 Certificate



30多项CE认证证书
More than 30 CE certificates



国家高新技术企业
National High-tech Enterprise



40多项发明专利
More than 40 invention patents



120多项软件著作权登记证书
More than 120 certificates of software copyrights



50多项实用新型专利
More than 50 utility patents

嘉昱电控国际化
Jiayu Electric Control Internationalization

选择嘉昱机电 Choose Jiayu Mechatronic

1

MARKET-ORIENTED · 以市场需求为导向

自有软、硬件产品研发团队，为合作伙伴提供最合适的产品和服务；

Owning software and hardware product development team to provide partners with the most suitable products and services.



AGV舵轮
AGV steering wheel

2

SOLUTIONS-BASED · 以解决方案为载体

以伺服电机、伺服驱动器+控制器为核心模块，提供行业领先的自动化电控解决方案；

With servo motor, servo driver + controller as the core module, providing industry-leading automation electronic control solutions.



送餐机器人
Food delivery robot

3

WITH SELF-DEVELOPED SERVO CONTROL AS THE CORE TECHNOLOGY · 以伺服控制技术为核心

以自主研发的伺服控制为核心技术，面向自动化行业推出了各种专用伺服驱动、伺服电机等电控产品；

With self-developed servo control as the core technology, the automation industry has launched a variety of special servo drives, servo motors and other electronic control products.



巡检机器人
Inspection robots

4

APPLICATIONS · 以市场应用案例为最佳口碑

与整机设备制造商通力合作，拥有大量的配套应用案例，备受广大客户的认可。

Cooperate with the whole equipment manufacturers, and have a large number of application cases, and is highly recognized by our customers.



服务机器人
Service Robot

嘉昱电控国际化
Jiayu Electric Control Internationalization

通用类系列产品介绍

Universal PRODUCT SERIES

通用类系列 Universal Series

<p>L10系列/L10 Series</p> 	<p>低压伺服驱动器/Low voltage servo driver</p> <ul style="list-style-type: none"> ● 位置/速度/转矩控制模式 Position/speed/torque control mode ● 单轴PR控制模式 (回零,定位,限位,急停...) Single axis PR control mode (zero return, positioning, limit, emergency stop...) ● L10伺服驱动模块,按照6A,10A,20A形成不同的功率段区分, L10 servo drive module, according 6A, 10A, 20A form a different power band for distinguish. ● 支持增量式或绝对值编码器; Support incremental or absolute encoders.
<p>H100系列/H100 Series</p> 	<p>高压交流伺服驱动器/High Voltage AC Servo Driver</p> <ul style="list-style-type: none"> ● 适配不大于750W交流伺服电机,支持增量式或绝对值编码器; Adaptable to AC servo motors not more than 750W, supporting incremental or absolute encoders. ● 支持位置控制,速度控制,转矩控制及单轴控制模式; Support position control, speed control, torque control and single-axis control mode. ● RS485/CANOPEN总线通讯,可用于多轴设备控制; RS485/CANopen bus communication, which can be used for multi-axis device control.
<p>L11系列/L11 Series</p> 	<p>低压伺服驱动器/Low voltage servo driver</p> <ul style="list-style-type: none"> ● 适配400W/1000W低压伺服电机,支持增量式或绝对值编码器; 400W/1000W low voltage servo motor, support-incremental or absolute encoder. ● 支持位置控制,速度控制,转矩控制及单轴控制模式; Support position control, speed control, torque control and single-axis control mode. ● RS485/CANopen总线通讯,可用于多轴设备控制; RS485/CANopen bus communication, which can be used for multi-axis device control. ● EtherCAT通信协议可选 EtherCAT communication protocol optional
<p>L11-20305系列/L11-20305 Series</p> 	<p>双轴低压伺服驱动系统/Dual-axis low-voltage servo driver system</p> <ul style="list-style-type: none"> ● 适配不大于100W 直流伺服电机,支持增量式或绝对值编码器; DC servo motors not more than 100W, supporting incremental or absolute encoder. ● 支持位置控制,速度控制,转矩控制及单轴控制模式; Support position control, speed control, torque control and single-axis control mode. ● RS485/CANopen总线通讯,可用于多轴设备控制; RS485/CANopen bus communication, which can be used for multi-axis device control. ● 带示波器功能的上位机软件,可修改参数和监控调试; Upper computer software with oscilloscope function, which can modify parameters and monitor debugging.

嘉昱电控国际化
Jiayu Electric Control Internationalization

L12-10612系列/L12-10612 Series



低压伺服驱动器/Low voltage servo driver

- 适配不大于400W DC20-80V直流伺服电机,支持增量式或绝对值编码器;
Suitable for DC20-80V DC servo motors not more than 400W, supporting incremental or absolute encoders.
- 支持位置控制,速度控制,转矩控制及单轴控制模式;
Support position control, speed control, torque control and single-axis control mode.
- RS485/CANopen/EtherCAT总线通讯,可用于多轴设备控制;
RS485/CANopen/EtherCAT bus communication, can be used for multi-axis device control.
- 带示波器功能的上位机软件,可修改参数和监控调试;
Upper computer software with oscilloscope function for parameter modification and monitoring and debugging.

L12-20612系列/L12-20612 Series



双轴低压伺服驱动器/Dual-axis Low voltage servo driver

- 适配不大于400W DC20-80V直流伺服电机,支持增量式编码器;
Suitable for DC20-80V DC servo motors not more than 400W, supporting incremental.
- 支持位置控制,速度控制,转矩控制及单轴控制模式;
Support position control, speed control, torque control and single-axis control mode.
- RS485/CANopen/总线通讯,可用于多轴设备控制;
RS485/CANopen/bus communication, can be used for multi-axis device control.
- 带示波器功能的上位机软件,可修改参数和监控调试;
Upper computer software with oscilloscope function for parameter modification and monitoring and debugging.

L12-20620系列/L12-20620 Series



双轴低压伺服驱动器/Dual-axis Low voltage servo driver

- 适配不大于750W的48V直流伺服电机,支持增量式或绝对值编码器;
Suitable for DC48V servo motors not more than 750W, supporting incremental or absolute encoders.
- 支持位置控制,速度控制,转矩控制及单轴控制模式;
Support position control, speed control, torque control and single-axis control mode.
- RS485/CANopen总线通讯,可用于多轴设备控制;
RS485/CANopen/bus communication, can be used for multi-axis device control.
- 带示波器功能的上位机软件,可修改参数和监控调试;
Upper computer software with oscilloscope function for parameter modification and monitoring and debugging.

L12-10660系列/L12-10660 Series



低压伺服驱动器/Low voltage servo driver

- 适配1.5KW至2.5KW的48V直流伺服电机,支持增量式或绝对值编码器;
Suitable for DC48V servo motors 1.5KW-2.5KW, supporting incremental or absolute encoders.
- 支持位置控制,速度控制,转矩控制及单轴控制模式;
Support position control, speed control, torque control and single-axis control mode.
- RS485/CANopen总线通讯,可用于多轴设备控制;
RS485/CANopen/bus communication, can be used for multi-axis device control.
- 带示波器功能的上位机软件,可修改参数和监控调试;
Upper computer software with oscilloscope function for parameter modification and monitoring and debugging.

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Jiayu Electric Control Internationalization

通用类系列产品介绍

Universal PRODUCT SERIES

通用类系列 Universal Series

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速电机
Servo Geared Motors

市场案例分享
Market Case Sharing

AL400系列/AL400 Series	驱动器与电机集成一体化/Integrated driver and motor integration
	<ul style="list-style-type: none"> ● 供电范围宽：支持24~60VDC宽电压； Wide power supply range: support 24 to 60VDC wide voltage. ● 功率选择多：200~400W 功率可选； Multiple power options: 200 to 400W power options. ● 过载能力强：具有3倍过载能力； High overload capacity: with 3 times overload capacity. ● 脉冲+RS485,CAN/CANopen，结构空间更紧凑； Pulse + RS485, CAN/CANopen, more compact structure space.
AL750系列/AL750 Series	驱动器与电机集成一体化/Integrated driver and motor integration
	<ul style="list-style-type: none"> ● 供电范围宽：支持20~72VDC宽电压； Wide power supply range: support 20~72VDC wide voltage. ● 额定功率750W Rated power 750W ● 过载能力强：具有3倍过载能力； High overload capacity: with 3 times overload capacity. ● 脉冲+RS485,CAN/CANopen，结构空间更紧凑； Pulse + RS485, CAN/CANopen, more compact structure space. ● 单圈18位或多圈17位绝对值编码器可选，可选配制动器； Single-turn 18bit or multi-turn 17bit absolute encoders with optional brakes are available;

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Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速电机
Servo Geared Motors

市场案例分享
Market Case Sharing

HL200系列/HL200 Series	驱动器与电机集成一体化/Integrated driver and motor integration
	<ul style="list-style-type: none"> ● 电机功率200W, DC24-48V Motor power 200W, DC24-48V ● 过载能力强：具有3倍过载能力； High overload capacity: with 3 times overload capacity. ● 18位单圈绝对值编码器版本； 18-bit single-turn absolute encoder version. ● 电机法兰60机座 Motor flange 60 mm ● 驱动器与电机集成一体化，结构空间更紧凑； Integrated drive and motor for more compact structure space.

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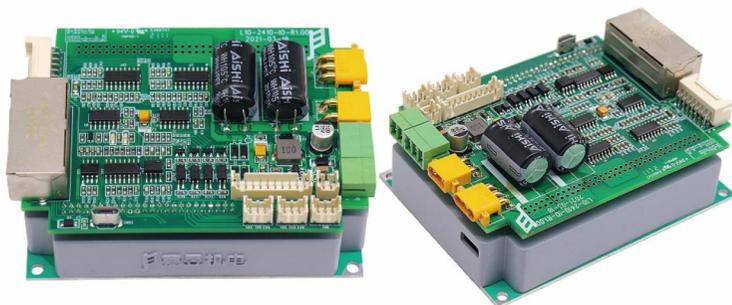
L10系列通用低压伺服驱动器

L10 series universal low voltage servo driver

公司介绍
Company Profile

L10系列低压伺服驱动器 L10 Series Low Voltage Servo Drive

通用伺服驱动器
Universal Servo Drives



通用伺服电机
Universal servo motors

功能特点

Product advantages



欠压保护
Under-voltage protection



过流保护
Over-current protection



过压保护
Over-voltage protection



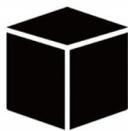
新一代自主研发
伺服控制算法
New generation of self-developed
Servo control algorithm



4路输入
4路输出
4 inputs
4 outputs



超强过载
Super Overload capacity



体积小
Small size



高速响应
High speed response

嘉昱电控国际化
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公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

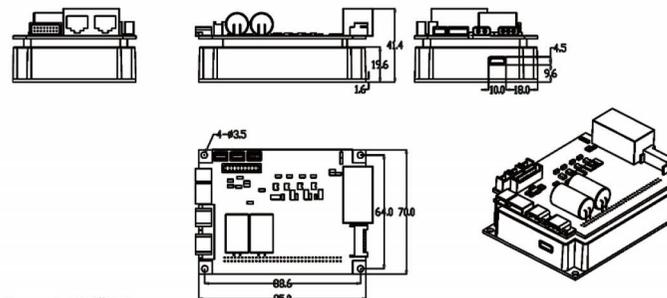
市场案例分享
Market Case Sharing

规格参数 Specification

Model Name/型号	L10-06	L10-10	L10-20
Maximum continuous current/最大连续电流	6A	10A	20A
Peak current/峰值电流	18A	30A	60A
Control circuit power supply/控制回路电源	DC24V-80V		
Encoder feedback/编码器反馈	ABZ增量式编码器+数字霍尔, 17位绝对值编码器 (多摩川协议) ABZ incremental encoder + digital Hall, 17-bit absolute encoder (Tamaqawa protocol)		
Analog input/模拟量输入	1路 ±10V模拟量输入 / 1 x ±10V analog input		
High-speed pulse input/高速脉冲输入	脉冲+方向/Pulse + Direction		
Frequency division output/分频输出	增量式ABZ脉冲输出/Incremental ABZ pulse output		
Communication type/通讯类型	RS232、RS485、CAN (CANOPEN)、EtherCAT		
Protective function/保护功能	过流、过压、欠压、过温等 Overcurrent, overvoltage, undervoltage, overtemperature, etc.		
DIDO	4路输入, 4路输出/4 inputs, 4 outputs		
Brake/制动	外接制动电阻/ External braking resistor		

尺寸和重量

Dimensions and Weight



净重(net weight): 146g(±5g)

Order code/订货号

型号Model	信息Information	型号Model	信息Information	型号Model	信息Information
L10-06-RC	100W 6A RS485+CAN +RS232 (servo drive)	L10-10-RC	200W / 400W 10A RS485 +CAN+RS232 (servo drive)	L10-20-RC	750W 20A RS485+ CAN+RS232 (servo drive)
L10-06-CO	100W 6A RS485 +CANopen (servo drive)	L10-10-CO	200W/400W 10A RS485 +CANopen (servo drive)	L10-20-CO	750W 20A RS485 +CANopen (servo drive)
L10-06-EC	100W 6A RS485 +EtherCAT (servo drive)	L10-10-EC	200W/400W 10A RS485 +EtherCAT (servo drive)	L10-20-EC	750W 20A RS485+ EtherCAT (servo drive)

嘉昱电控国际化
Jiayu Electric Control Internationalization

H100系列通用高压交流伺服驱动器

H100 series universal high voltage AC servo driver

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

H100系列高压交流伺服驱动器

H100 Series High Voltage AC Servo Drive



功能特点

Product advantages



脉冲最高频率500KHZ
Maximum pulse frequency Rate 500KHZ



兼容增量式或绝对值编码器
Compatible with incremental or absolute encoders



支持RS485或CANopen协议
Support RS485 or CANopen protocol



小型化
compact design



高速响应
High speed response



可快速调试
Fast Debugging

嘉昱电控国际化
Jiayu Electric Control Internationalization

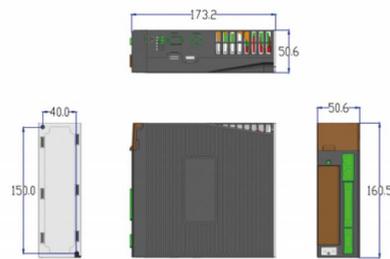
规格参数

Specification

Model Name/型号	H100-05/H100-03
Master power supply/主电源输入	单相/三相 220 VAC, ±10%, 50Hz Single-phase/three-phase 220 VAC, ±10%, 50Hz
Rated current/额定电流	5A/3A
Control power input /控制电源输入	单相 220 VAC ±10%, 50Hz Single-phase 220 VAC ±10%, 50Hz
Overload/过载	负载=300%, 过载时间≤10s Load = 300%, overload time ≤ 10s
Brake unit/制动单元	可选内置或外接制动电阻 Optional internal or external braking resistor
Encoder feedback/编码器反馈	增量式编码器(标准增量式,省线式,仅ABZ无Hall)绝对值编码器(单圈/多圈,RS485协议)
Pulse input/脉冲量输入	5V差分输入0~500kHz; 24V单端输入0~200kHz; 5V differential input 0~500kHz; 24V single-ended input 0~200kHz.
DIDO/数字量输入输出	9路PNP/NPN型信号输入, 支持参数选择通用输入功能 5路PNP/NPN型信号输出, 支持参数选择通用输出功能
Analog input/模拟量输入	2路模拟信号输入, ±10VDC, 阻抗9kΩ 2-way analog signal input, ±10VDC, impedance 9kΩ
Analog output/模拟量输出	2路模拟信号输出, ±10V 2-way analog signal output, ±10V
Encoder output/编码器输出	ABZ 分频输出, 可选单端或差分类型 ABZ crossover output, selectable single-ended or differential type
Communication/通讯	RS232, RS485, CAN接口; 支持Modbus和CANopen两种协议; RS232, RS485, CAN interfaces; support for both Modbus and CANopen protocols.
Protection/防护	电源输入反接, 相间短路, 5V短路 母线过压保护, 过流保护, 过温保护, 编码器断线保护 Power input reversal, phase to phase short circuit, 5V short circuit Bus over voltage protection, over current protection, encoder disconnect protection Over current protection, over temperature protection, encoder disconnection protection
Working temperature/使用环境温度	-20~55℃ (不冻结), 平均负载请勿超过额定的80%; 40℃以上请降额使用, 最高温度60℃ (常温额定运行) -20~55℃ (not freezing), please do not exceed 80% of the rated average load. 40℃ or more please reduce the rated use, the maximum temperature of 60℃
Use ambient humidity/使用环境温度	90% RH 以下 (不结露)/90% RH or less (no condensation)

尺寸和重量

Dimensions and Weight



单位 (Unit): mm

Order code/订货号 净重(net weight): 1070g(±5g)

型号Model	信息Information
H100-05 750W	AC220V,脉冲(Pulse)+RS485+CANOPEN(AC Servo Drive)
H100-03 400W	AC220V,脉冲(Pulse)+RS485+CANOPEN (servo drive)

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

L11系列通用低压伺服驱动器

L11 series universal low voltage servo driver

L11通用低压伺服驱动器

L11 Universal Low Voltage Servo Drive



功能特点

Product advantages



电机绕组对
电源短路保护
Motor winding to
power short circuit
protection



电机绕组
相间短路保护
Motor winding
phase to phase
short circuit protection



编码器断线保护
Encoder wire
break protection



过压保护
Over-voltage
protection



过流保护
Over-current
protection



CAN、CANopen
采用隔离电路
CAN、CANopen
Using isolated circuit



远程升级
Remote Upgrade



CE认证
CE certification

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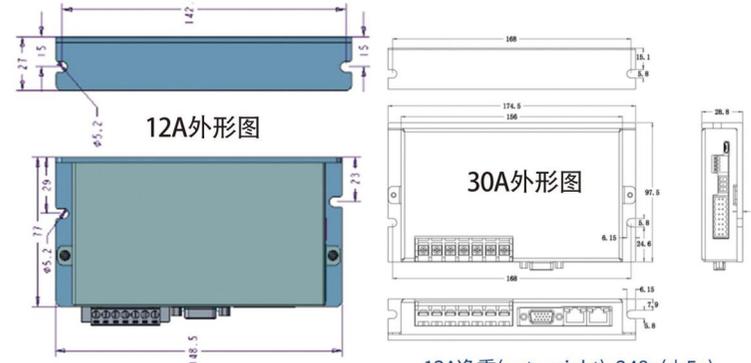
规格参数

Specification

Power input/电源输入	DC24~80V
Overload/过载	负载=100-300%, load = 100-300%.
Rated current/额定电流	12A/30A
Dedicated interface/专用接口	1路抱闸输出/1 way brake output
Pulse input/脉冲量输入	5V差分输入0~500 kHz; 24V单端输入0~200 kHz; 5V differential input 0 to 500 kHz; 24V single-ended input 0 to 200 kHz.
Digital input and output/数字量输入输出	4路PNP/NPN型信号输入, 2路PNP/NPN型信号输出; 4-channel PNP/NPN type signal input, 2-channel PNP/NPN type signal output;
Communication type/通讯类型	RS232, RS485, CAN接口; 支持Modbus, 和CANopen两种协议(-CO版本) RS232, RS485, CAN interface; support Modbus, and CANopen two kinds of protocols (-CO version)
Ambient temperature/使用环境温度	-25~55°C (不冻结), -25~55°C (not freezing)
Use environment humidity/使用环境湿度	90%RH以下(不结露)90%RH or less (no condensation)
Hardware protection/硬件保护	欠压, 过压, 过流, 过温 Undervoltage, overvoltage, overcurrent, overtemperature protection
Control mode/控制模式	位置模式/内部位置/Position mode/internal position
Encoder feedback/编码器反馈	增量式编码器(标准增量式、省线式、仅ABZ无Hall) 多摩川绝对值编码器(单面/多面, RS 485协议)(AT硬件版本才支持) Incremental encoder (standard incremental, wire-saving, ABZ only without Hall) Tamagawa Absolute encoder (single/multi-turn, RS 485 protocol) (only supported by AT hardware version)

尺寸和重量

Dimensions and Weight



12A净重(net weight): 248g(±5g)
30A净重(net weight): 505g(±5g)

Order code/订货号

Model 型号	Information 信息	Model 型号	Information 信息
L11-10612-ST-RC-00	增量式 RS232/RS485/CAN/脉冲 12A Incremental RS232/RS485/CAN/Pulse 12A	L11-10630-ST-RC-00	增量式 RS232/RS485/CAN/脉冲 30A Incremental RS232/RS485/CAN/Pulse 30A
L11-10612-ST-CO-00	增量式 RS232/CANopen 12A Incremental RS232/CANopen 12A	L11-10630-ST-CO-00	增量式 RS232/CANopen 30A Incremental RS232/CANopen 30A
L11-10612-AT-RC-00	绝对值 RS232/RS485/CAN/脉冲 12A Absolute RS232/RS485/CAN/Pulse 12A	L11-10630-AT-RC-00	绝对值 RS485/CANopen 30A Absolute value RS485/CANopen 30A
L11-10612-AT-CO-00	绝对值 RS485/CANopen 12A Absolute value RS485/CANopen 12A	L11-10630-AT-CO-00	绝对值 RS232/RS485/CAN/脉冲 30A Absolute RS232/RS485/CAN/Pulse 30A

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Jiayu Electric Control Internationalization

L11 EtherCAT通用低压伺服驱动器

L11 EtherCAT Universal Low Voltage Servo Drive

L11 EtherCAT通用低压伺服驱动器

L11 EtherCAT Universal Low Voltage Servo Drive



功能特点 Product advantages



速度快,数据刷新周期可达500微秒
High speed, data refresh cycle up to 500 microseconds



同步性好,各从站节点的时钟同步精度可达50微秒
Good synchronization, each slave node clock synchronization accuracy of up to 50 microseconds



通讯数据量大,波特率为100Mbps
The communication data volume is large, baud rate of 100Mbps



从站节点数多,最大可有65535个
High number of slave nodes. Up to 65535



通讯距离长,节点间最大距离可达80米
Long communication distance. Maximum distance between nodes up to 80 meters



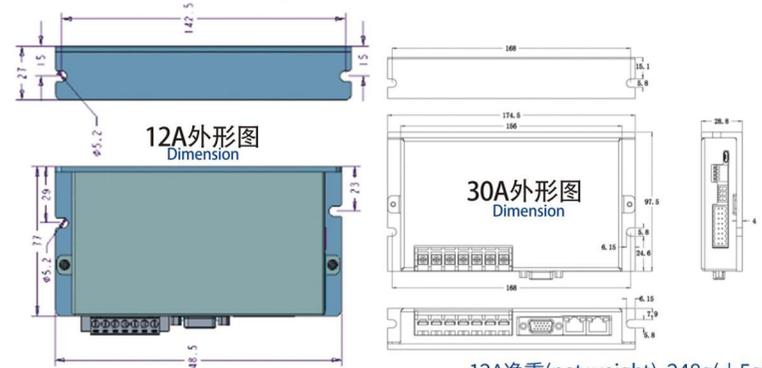
完全符合工业以太网标准
Fully compliant with industrial EtherCAT standards

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Power input/电源输入	DC24~80V
Overload/过载	负载=100-300%, load = 100-300%.
Rated current/额定电流	12A/30A
Dedicated interface/专用接口	1路抱闸输出/1 way brake output
Pulse input/脉冲量输入	5V差分输入0~500 kHz; 24V单端输入0~200 kHz; 5V differential input 0 to 500 kHz; 24V single-ended input 0 to 200 kHz.
Digital input and output/数字量输入输出	4路PNP/NPN型信号输入, 2路PNP/NPN型信号输出; 4-channel PNP/NPN type signal input, 2-channel PNP/NPN type signal output.
Communication type/通讯类型	EtherCAT总线; Modbus通讯 EtherCAT bus; Modbus communication
Ambient temperature/使用环境温度	-25~55°C(不冻结), -25~55°C(not freezing)
Use environment humidity/使用环境湿度	90%RH以下(不结露)90%RH or less (no condensation)
Hardware protection/硬件保护	欠压,过压,过流,过温 Undervoltage, overvoltage, overcurrent, overtemperature protection
Control mode/控制模式	位置模式/内部位置/Position mode/internal position
Encoder feedback/编码器反馈	增量式编码器(标准增量式、省线式、仅ABZ无Hall) 多摩川绝对值编码器(单圈/多圈, RS-485协议) Incremental encoder (standard incremental, wire-saving, ABZ only without Hall) Tamagawa Absolute encoders (single/multi-turn, RS 485 protocol)

尺寸和重量 Dimensions and Weight



12A净重(net weight): 248g(±5g)
30A净重(net weight): 505g(±5g)

Order code/订货号

型号/Model	信息/Information
L11-10612-AT-EC-00	增量式/绝对值 RS232/ EtherCAT 12A Incremental/absolute RS232/ EtherCAT 12A

型号/Model	信息/Information
L11-10630-AT-EC-00	绝对值/增量式 RS232/ EtherCAT 30A*开发中 Absolute/Incremental RS232/ EtherCAT 30A *Cunder Development

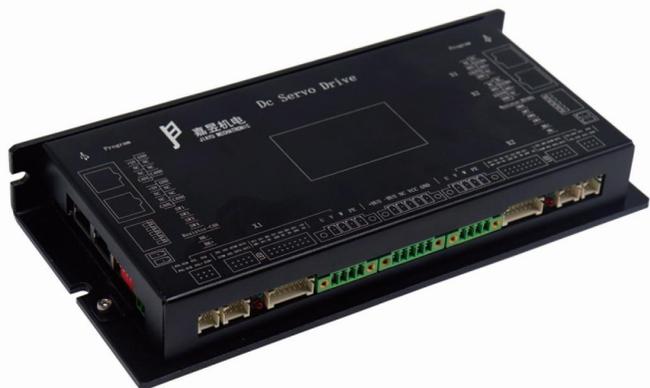
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L11-20305二合一通用伺服驱动器

L11-20305 two-in-one universal servo driver

L11-20305通用伺服驱动器

L11-20305 Universal Servo Drive



功能特点

Product advantages



编码器断线保护
Encoder wire disconnect protection



过压保护
Overvoltage protection



欠压保护
Undervoltage protection



高速响应
High speed response



过载能力强
High overload capacity



过流保护
Overcurrent protection



远程升级
Remote Upgrade



适配不大于100W
直流伺服电机
Suitable for not more than 100W DC servo motor

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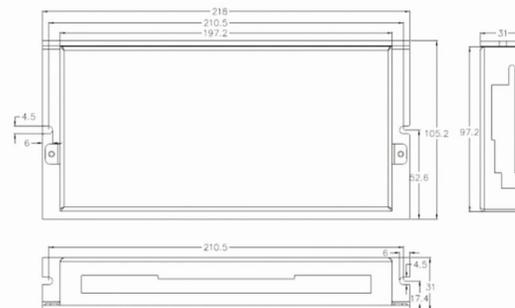
规格参数

Specification

Power/功率	100W
Main circuit power supply/主回路电源	12~30VDC
Control circuit power supply/控制回路电源	24VDC
Output/输出	额定电流5A, 分辨率40mV/A Rated current 5A, resolution 40mV/A
Drive/驱动	双驱动回路, 每个驱动回路皆为独立回路(双轴) Dual drive circuits, each drive circuit is a separate circuit (dual axis)
Discharge/泄放	内置泄放 Built-in discharge
Encoder feedback/编码器反馈	线性霍尔或ABZ差分增量式编码器*2(双轴) Linear Hall or ABZ differential incremental encoder*2 (dual axis)
Hardware protection/硬件保护	过流保护、过/欠压保护、断线检测保护 Overcurrent protection, over/under voltage protection, wire break detection protection
structure/结构	铝质结构 Aluminum construction
Input port/输入端口	4路光耦隔离输入,极性可选*2(双轴) 脉冲方向接收(5V@500KHz,24V@100KHz)*2(双轴) 4-channel optocoupler isolated input, polarity selectable*2 (biaxial) Pulse direction reception (5V@500KHz,24V@100KHz)*2(dual axis)
Output port/输出端口	2路光耦隔离输出,极性可选;(DO1~DO2)*2(双轴) 1路抱闸接口功率输出,24V@1.5A (DO4)*2(双轴) 2-way optocoupler isolated output, polarity selectable; 1 power output for holding brake interface, 24V@1.5A

尺寸和重量

Dimensions and Weight



Order code/订货号

净重(Net weight): 500g(±5g)

型号/Model	信息/Information
L11-20305-ST-CO	100W 24VDC 增量式版本,RS485+CANopen 100W 24VDC incremental version,RS485+CANopen

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L12通用低压伺服驱动器

L12 series universal low voltage servo driver

L12低压伺服驱动器 L12 low voltage servo driver



订货号带*EtherCAT版本外观
Order code with*EtherCAT version picture

功能特点 Product advantages



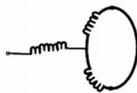
过压保护
Overvoltage protection



过流保护
Overcurrent protection



体积小
Small size



相间短路
Phase-to-phase short circuit protection



RS485/CANopen
总线通讯

RS485/CANopen
Bus communication



支持增量式或
绝对值编码器

Supports incremental
or absolute encoders



过载能力强

High overload
capacity



适配不大于400W
直流伺服电机

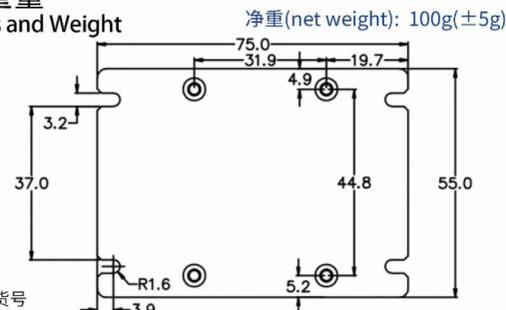
Suitable for no more
than 400W DC servo motor

规格参数 Specification

Power input/电源输入	DC18V~80V
Overload/过载	负载 ≤200%, 过载时间 < 120S 200% < 负载 < 300%, 过载时间 < 5S Load ≤200%, overload time < 120S 200% < load < 300%, overload time < 5S
Rated current/额定电流	12A
Pulse input/脉冲量输入	5V差分输入0~4MHz; 24V单端输入0~200kHz; 5V differential input 0~4MHz; 24V single-ended input 0~200kHz
Digital input and output/数字量输入输出	4路数字信号输入, 12~24V, 极性可选(隔离) 2路数字信号输出, 12~24V, 50mA, 极性可选(隔离), 压降 ≤0.8V 4 digital signal inputs, 12~24V, polarity selectable (isolated) 2 digital signal outputs, 12~24V, 50mA, polarity selectable (isolated), voltage drop ≤0.8V
Communication type/通讯类型	RS485、CAN接口; 支持Modbus和CANopen两种协议 RS485, CAN interface; supports both Modbus and CANopen protocols
Ambient temperature/使用环境温度	-25~55°C(不冻结), -25~55°C(not freezing)
Use environment humidity/使用环境湿度	90%RH以下(不结露) 90%RH or less (no condensation)
Hardware protection/硬件保护	相间短路, 5V短路 母线过压保护, 过流保护, 过温保护 Phase-to-phase short circuit, 5V short circuit bus over-voltage protection, over-current protection, over-temperature protection
Encoder feedback/编码器反馈	增量式编码器(标准增量式, 省线式, 仅ABZ无Hall) 或多摩川绝对值编码器(单圈/多圈, RS 485协议) Incremental encoder (standard incremental, wire-saving, ABZ without Hall only) or Tamagawa Absolute Encoder

尺寸和重量

Dimensions and Weight



Order code/订货号

型号/Model	信息/Information
L12-10612-ST-RC-00	12A RS485+脉冲, CAN版本, 增量式编码器 12A RS485+pulse, CAN version, incremental encoder
L12-10612-ST-CO-00	12A CANopen版本, 增量式编码器 12A CANopen version, incremental encoder
*L12-10612-ST-EC-00	12A EtherCAT, 增量编码器 12A EtherCAT, Incremental Encoders
L12-10612-AT-RC-00	12A RS485+脉冲, CAN版本, 绝对值编码器 12A RS485+pulse, CAN version, absolute encoder
L12-10612-AT-CO-00	12A CANopen版本, 绝对值编码器 12A CANopen version, absolute encoder
*L12-10612-AT-EC-00	12A EtherCAT, 绝对值编码器 12A EtherCAT, absolute encoders

带* EtherCAT版本, 外观尺寸是95*55mm
With* EtherCAT version, external dimensions are 95*55 mm

L12-20612二合一伺服轮毂驱动器

L12-20612 Two-in-one Servo Wheel Drive

L12-20612伺服轮毂驱动器 L12-20612 Servo hub Wheel Driver



功能特点

Product advantages



过压保护
Overvoltage protection



过流保护
Overcurrent protection



欠压保护
Undervoltage protection



电机过温保护
Motor over-temperature protection



过载能力强
High overload capacity



驱动器二合一
Driver Two-in-one



CPU主频
160兆HZ
CPU main frequency 160 MHz



编码器输出接口
Encoder output interface

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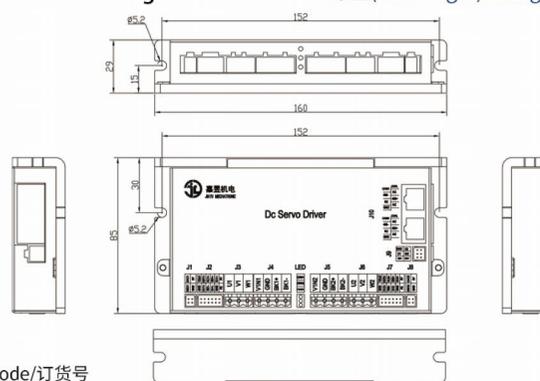
规格参数 Specification

Main circuit power supply/主回路电源	20~80VDC*2
Control circuit power supply/控制回路电源	20~80VDC*2
Maximum continuous current/最大连续电流	12A*2, 驱动器二合一, 12A*2, driver two-in-one.
Peak current/峰值电流	瞬时3倍过载 Instantaneous 3 times overload
Feedback Type/反馈类型	AB增量式编码器(差分输入,无Z信号),UVW单端输入 AB incremental encoder (differential input, no Z signal), UVW single-ended input
Encoder feedback/编码器输出	AB*2(左右两轴), 经过硬件转换输出 AB*2 (left and right axis), output by hardware conversion
Digital input/数字量输入	2路光耦不隔离输入, 自定义, 高电平有效 2-way optocoupler non-isolated input, custom, active high
Digital output/数字量输出	2路光耦不隔离输出, 自定义50mA(12V供电,不隔离), 有效时高电平 2-way optocoupler non-isolated output, custom 50mA (12V supply, non-isolated), High level when active
Clutch/离合	2路(左右两轴)抱闸接口功率输出,24V内置,1.5A(电池取电) 2-way (left and right axis) power output of brake interface, 24V built-in, 1.5A (battery power)
Temperature detection/温度检测	2路, 检测电机温度, 端子在编码器端子中 2-way, detects motor temperature, terminal in encoder terminal
通讯, RJ45-2双网口不带灯	RS485 CAN/CANopen (非隔离) RS485 CAN/CANopen (non-isolated)
Hardware Protection/硬件保护	过流、过压、欠压、电机过温保护 Over-current, over-voltage, under-voltage, motor over-temperature protection
Indicator light/指示灯	1个绿色电源指示灯、2个红色故障指示灯 1 green power indicator, 2 red fault indicators

尺寸和重量

Dimensions and Weight

净重(Net weight): 500g(±5g)



Order code/订货号

型号/Model	信息/Information
L12-20612-ST-RC-20	400W 12A 轮毂专用, RS485+CAN, CAN版本, 增量编码器 400W 12A Hub wheel-specific, RS485+CAN, CAN version, incremental encoder

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L12-20620二合一伺服驱动器

L12-20620 Two-in-one Servo Drive

L12-20620伺服驱动器 L12-20612 Servo Driver



功能特点

Product advantages



过压保护
Overvoltage protection



过流保护
Overcurrent protection



欠压保护
Undervoltage protection



电机过温保护
Motor over-temperature protection



过载能力强
High overload capacity



驱动器二合一
Driver Two-in-one



支持增量式或绝对值编码器
Supports incremental or absolute encoders



适配不大于750W直流伺服电机
Suitable for not more than 750W DC servo motor

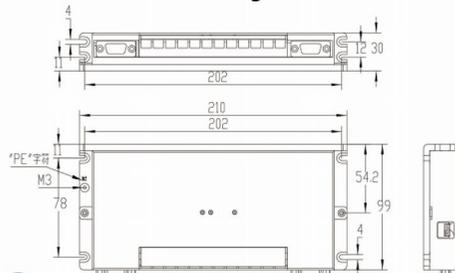
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规格参数 Specification

Main circuit power supply/主回路电源	20V ~ 60VDC (最大耐压80V DC) 20V ~ 60VDC Maximum withstand voltage 80V DC
Maximum continuous current/最大连续电流	20A*2, 驱动器二合一, 20A*2, driver two-in-one.
Overload/过载	负载 ≤ 200%, 过载时间 < 120S 200% < 负载 < 300%, 过载时间 < 5S 瞬时3倍过载 Load ≤ 200%, overload time < 120S 200% < load < 300%, overload time < 5S Instantaneous 3 times overload
Encoder/编码器	增量式编码器/多摩川绝对值编码器 Incremental encoder/ Tamagawa Absolute encoder
Emergency stop input/急停输入	1路光耦不隔离输入, 低电平有效(高电平24V截止) 1 way optocoupler non-isolated input, low level effective (high level end is 24V)
Digital input/数字量输入	2路光耦不隔离输入, 自定义, 高电平有效 2-way optocoupler non-isolated input, custom, active high
Digital output/数字量输出	2路光耦不隔离输出, 自定义50mA(24V供电, 不隔离), 有效时高电平 2-way optocoupler non-isolated output, standard is 50mA (24V supply, not isolated), high level when effective
Temperature detection/温度检测	2路检测电机温度, 端子在编码器端子中 2路检测驱动器温度, 内置 2-way detection of motor temperature, terminal in encoder terminal 2-way detection of drive temperature, built-in
Communication/通讯	CAN/CANopen/RS485非隔离(Non-isolated)
Hardware Protection/硬件保护	过流保护, 过压保护, 欠压保护, 电机过温保护 Over-current protection, over-voltage protection, under-voltage protection, motor over-temperature protection
Indicator light/指示灯	1个绿色电源指示灯, 2个红色故障指示灯 1 green power indicator, 2 red fault indicators

尺寸和重量 Dimensions and Weight



Order code/订货号

净重(Net weight): 635g(±5g)

型号/Model	信息/Information
L12-20620-ST-RC-00	DC 24-48V, 2*20A 增量式编码器 RS485+CAN
L12-20620-ST-CO-00	DC 24-48V, 2*20A 增量式编码器 RS485+CANopen
L12-20620-AT-RC-00	DC 24-48V, 2*20A 绝对值版本 RS485+CANopen
L12-20620-AT-CO-00	DC 24-48V, 2*20A 绝对值版本 RS485+CAN

嘉昱电控国际化
Jiayu Electric Control Internationalization

L12-10660低压伺服驱动器

L12-10660 low voltage servo driver

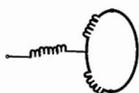
L12-10660低压伺服驱动器 L12-10660 low voltage servo driver



功能特点 Product advantages



泄放短路保护
Drainage short circuit protection



相间短路
Phase-to-phase short circuit protection



过载能力强
High overload capacity



RS485/RS232/CANopen
总线通讯
RS485/RS232/CANopen
Bus communication



适配1.5KW至2.5KW
直流伺服电机
Suitable for 1.5KW to
2.5KW DC servo motor



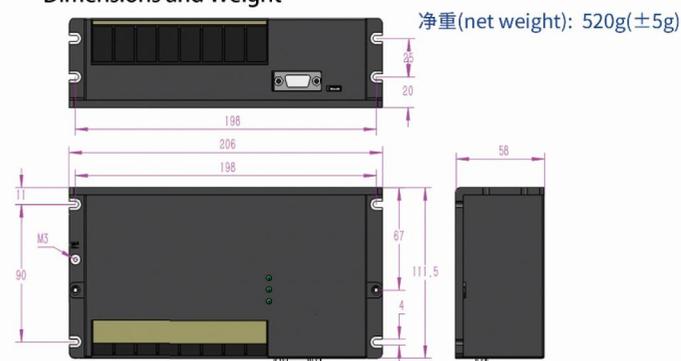
支持增量式或
绝对值编码器
Supports incremental
or absolute encoders

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Power input/电源输入	24~60V
Output/输出	额定60A, 峰值180A Rated 60A, peak 180A
Overload/过载	100% < 负载 < 150%, 过载时间 < 5min 150% < 负载 < 200%, 过载时间 < 2min 200% < 负载 < 300%, 过载时间 < 5S 100% < load < 150%, overload time < 5min. 150% < load < 200%, overload time < 2min. 200% < load < 300%, overload time < 5S.
Encoder/编码器	增量式或多摩川绝对值编码器 Incremental or Tamagawa Absolute encoders
Input and Output/输入输出	4路数字信号输入, 12~24V, 极性可选 2路数字信号输出, 12~24V, 50mA, 极性可选, 压降 < 1.5V 2路高速数字信号输入, 5V/24V, 500kHz/100kHz 1路功率输出, 1.5A, NPN型 4-channel digital signal input, 12~24V, polarity selectable. 2-channel digital signal output, 12~24V, 50mA, polarity optional. Voltage drop < 1.5V. 2 high speed digital signal input, 5V/24V, 500kHz/100kHz. 1 way power output, 1.5A, NPN type.
Communication/通讯	RS485+RS232+CAN; 通讯隔离, RS485+RS232+CAN; communication isolation,
Protection/防护	泄放短路保护、相间短路保护 Drainage short circuit protection, phase to phase short circuit protection

尺寸和重量 Dimensions and Weight



Order code/订货号

型号/Model	信息/Information
L12-10660-ST-CO-00	增量式编码器, RS485/CANopen, Incremental encoder, RS485/CANopen,
L12-10660-AT-CO-00	绝对值编码器, RS485/CANopen, Absolute encoder, RS485/CANopen,

嘉昱电控国际化
Jiayu Electric Control Internationalization

AL400一体机通用伺服驱动器

AL400 All-in-One Universal Servo Driver

AL400一体机 AL400 All-in-One



功能特点 Product advantages



短路保护

Short circuit protection



过压保护

Overvoltage protection



驱动电机
一体化
Drive Motor
All-in-one



驱动器过热保护

Drive overheating protection



过载能力强
High overload capacity



体积小
Small size



安全性能高
High safety performance



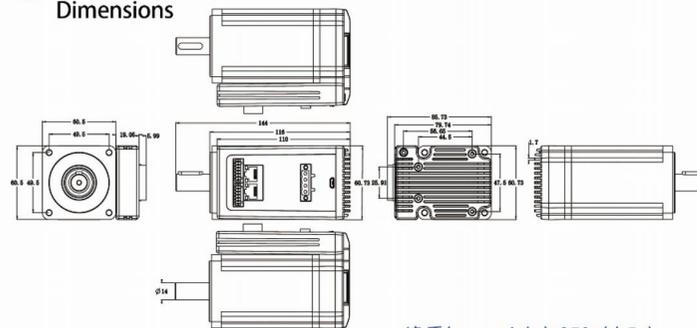
CE认证
CE certification

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Power/功率	200W/400W
Main circuit power supply/主回路电源	20-52VDC/10A
Torque/扭矩	额定扭矩1.27Nm, 峰值扭矩3.81Nm, Rated torque 1.27Nm, peak torque 3.81Nm,
Output/输出	额定电流10A, 峰值电流30A (33mV/A) Rated current 10A, peak current 30A (33mV/A)
Digital input/output数字输出/输入	4路数字信号输入, 12~24V 2路数字信号输出, 12~24V, 50mA 4-channel digital signal input, 12~24V 2-channel digital signal output, 12~24V, 50mA
Dedicated interface/专用接口	1路抱闸输出 1 way holding brake output
Communication type/通讯类型	RS485/CAN/脉冲pulse/CANopen
Hardware protection/硬件保护	过流保护、过/欠压保护、过载保护 Overcurrent protection, over/under voltage protection, overload protection
Ambient temperature/使用环境温度	-25°C~55°C
Control mode/控制模式	脉冲(Pulse)+RS485,CAN/CANopen
Use environment humidity/使用环境湿度	90%RH以下(不结露) 90%RH or less (no condensation)
Encoder feedback/编码器反馈	增量式2500线 Incremental 2500 lines

尺寸 Dimensions



净重(net weight): 950g(±5g)

Order code/订货号

型号/Model	信息/Information
AL400-RC	400W CAN RS485+脉冲(Pulse)
AL400-CO	400W CANopen RS485
AL200-RC	200W CAN RS485 脉冲(Pulse)
AL200-CO	200W CANopen RS485

嘉昱电控国际化
Jiayu Electric Control Internationalization

AL750一体机通用伺服驱动器

AL750 All-in-One Universal Servo Driver

AL750一体机 AL750 All-in-One



功能特点 Product advantages



驱动电机
一体化
Drive Motor
All-in-one



RS485,CAN/
CANopen协议可选
RS485,CAN/ CANopen
protocol optional



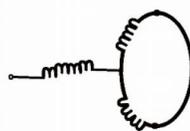
母线过压保护
Busbar overvoltage
protection



过流保护
Overcurrent
protection



体积小巧
Compact size



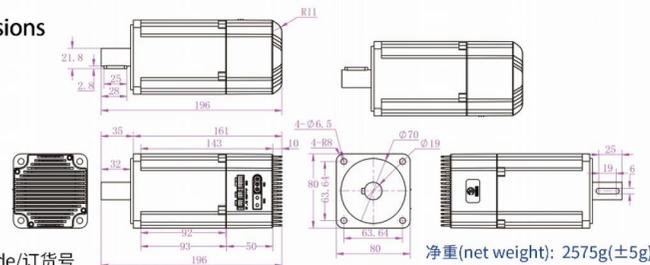
相间短路
Phase-to-phase
short circuit

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Master power supply/主电源输入	DC20 ~ 72V
Rated Current/额定电流	19A
Torque/扭矩	额定扭矩2.5Nm 峰值扭矩5Nm Rated torque 2.5Nm Peak torque 5Nm
Rated power/额定功率	750W
Pulse input/脉冲量输入	5V差分输入0~500kHz; 24V单端输入0~200kHz; 5V differential input 0~500kHz; 24V single-ended input 0~200kHz
Rated speed/额定转速	3000rpm
Protection/防护	相间短路, 5V短路, 母线过压保护, 过流保护, Phase to phase short circuit, 5V short circuit, busbar over-voltage protection, ove-current protection
Ambient temperature/使用环境温度	-20~55℃ (不冻结), 平均负载请勿超过额定的80%; 40℃以上请降额使用, 最高温度60℃ (常温版空载运行) -20~55℃ (not freezing), please do not exceed 80% of the rated average load. Above 40℃, please reduce the amount of use, the maximum temperature of 60℃ (room temperature version of no-load operation)
Digital input/output数字输出/输入	4路PNP/NPN型信号输入, 支持参数选择通用输入功能 2路PNP/NPN型信号输出, 支持参数选择通用输出功能 4-channel PNP/NPN type signal input, support parameter selection universal input function 2-channel PNP/NPN type signal output, support parameter selection universal output function
Encoder feedback/编码器反馈	绝对值编码器 (17位多圈 18位单圈 RS485协议) Absolute encoder (multi-turn 18-bit/ single-turn 17-bit,RS485 protocol)
Communication type/通讯类型	RS485, CAN接口; 支持Modbus和CANopen两种协议(-CO 版本) RS485, CAN interface; supports both Modbus and CANopen protocols (-CO version)
Use environment humidity/使用环境湿度	90% RH 以下 (不结露) 90% RH or less (no condensation)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information	机身长度 (L) Fuselage length (L)
AL750-AT-RC-G-00	RS485+脉冲 CAN版本, 单圈18位, 750W, 无制动器 RS485+pulse CAN version, single-turn 18-bit, 750W, no brake	160mm
AL750-AT-CO-G-00	RS485, CANopen版本, 单圈18位, 750W, 无制动器 RS485, CANopen version, single-turn 18-bit, 750W, no brake	160mm
AL750-AT-RC-H-00	RS485+脉冲 CAN版本, 单圈18位, 750W, 带制动器 RS485+pulse CAN version, single-turn 18-bit, 750W, with brake	200mm
AL750-AT-CO-H-00	RS485, CANopen版本, 单圈18位, 750W, 带制动器 RS485, CANopen version, single-turn 18-bit, 750W, with brake	200mm
AL750-T2-RC-G-00	脉冲+RS485+CAN版本, 多圈17位绝对值编码器, 750W, 无制动器 pulse+RS485+CAN version, single-turn 17-bit absolute encoder, 750W, no brake	196mm
AL750-T2-CO-G-00	CANopen版本, 多圈17位绝对值编码器, 750W, 无制动器 CANopen version, single-turn 17-bit absolute encoder, 750W, no brake	196mm
AL750-T2-RC-H-00	脉冲+RS485+CAN版本, 多圈17位绝对值编码器, 带制动器 pulse+RS485+CAN version, single-turn 17-bit absolute encoder, 750W, with brake	233mm
AL750-T2-CO-H-00	CANopen版本, 多圈17位绝对值编码器, 带制动器 CANopen version, single-turn 17-bit absolute encoder, 750W, with brake	233mm

嘉昱电控国际化
Jiayu Electric Control Internationalization

HL200一体机通用伺服驱动器

HL200 All-in-One Universal Servo Driver

HL200伺服一体机 HL200 Servo All-in-One Machine



功能特点 Product advantages



低噪音
Low noise



低振动
Low vibration



高速定位
High-speed positioning



体积小
Compact size



驱动和电机一体
Drive motor all-in-one



过流保护
Overcurrent protection



过压保护
Overvoltage protection



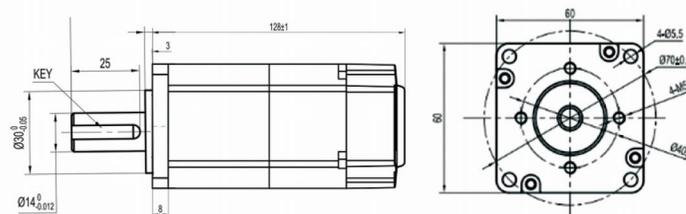
18位绝对值编码器
18-bit absolute encoder

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	HL200
Master power supply/主电源输入	24VDC
Control power input /控制电源输入	24VDC
Maximum continuous current/最大连续电流	10A
Peak current/峰值电流	瞬时3倍过载 Instantaneous 3 times overload
Feedback type/反馈类型	标准18位单圈绝对值, 15位多圈绝对值选配 Standard 18-digit single-turn absolute value, 15-digit multi-turn absolute value option
Torque/扭矩	额定扭矩0.64Nm, 峰值扭矩1.91Nm, Rated torque 0.64Nm, peak torque 1.91Nm,
Maximum input pulse frequency/ 最大输入脉冲频率	500KHz
Communication Interface/ 通讯控制	RS485,CAN通讯 RS485,CAN communication
Pulse command mode/脉冲指令模式	脉冲+方向, A向+B向 Pulse + direction, A direction + B direction
Electronic gear ratio/电子齿轮比	设置范围1~65535比1~65535 (默认16:1) Setting range 1~65535 than 1~65535 (default 16:1)
Location sampling frequency/位置采样频率	2KHz
Protection/保护	过流、过压、欠压、堵转 Over-current, over-voltage, under-voltage, blocking
Indicate light, brake/指示灯,刹车	内部 Internal

尺寸 Dimensions



净重(net weight): 864g(±5g)

Order code/订货号

型号/Model	信息/Information
HL200	24V/10A/200W,0.64Nm,3000RPM通用伺服一体机 24V/10A/200W,0.64Nm,3000RPM universal servo integrated machine

嘉昱电控国际化
Jiayu Electric Control Internationalization

低压伺服电机系列

Low voltage servo motor series

通用类电机系列

General Motors Series

EBS40F	低压伺服电机/ Low voltage servo motor
	<ul style="list-style-type: none"> ● DC24V 3000转;100W DC24V 3000rpm;100W ● 带有伺服过载特性, 能实现3倍电流过载, 强推阻力比无刷力大 With servo overload feature, able to achieve 3 times Over-current protection strong push resistance than brushless force ● 电机安装尺寸兼容松下, 台达同系列电机, 能实现快速互换; Motor Installing size is compatible with Panasonic and Delta motors of the same series, able to achieve rapid interchangeability. ● 配合伺服矢量算法, 能实现精密定位; The ability to achieve precision positioning in conjunction with servo-vector algorithms.
EBS60F	低压伺服电机/ Low voltage servo motor
	<ul style="list-style-type: none"> ● DC48V 3000转; 200W~400W; DC48V 3000RPM; 200W~400W; ● 通用伺服电机, 转子采用强磁材料; General purpose servo motors with rotors made of strong magnetic materials. ● 低速抖动小; Low-speed shaking is small; ● 耐高低温, -25度到55度; High and low temperature resistance, -25 degrees to 55 degrees. ● 噪音低至30分贝; Noise levels as low as 30 dB;

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Jiayu Electric Control Internationalization

EBS80F	低压伺服电机/ Low voltage servo motor
	<ul style="list-style-type: none"> ● DC48V 3000转; 750W~1000W; DC48V 3000rpm; 750W~1000W; ● 通用伺服电机, 转子采用强磁材料; General purpose servo motors with rotors made of strong magnetic materials. ● 低速抖动小 Low speed shaking is small ● 耐高低温, -25度到55度; High and low temperature resistance, -25 degrees to 55 degrees. ● 噪音低至30分贝; Noise levels as low as 30 dB; ● 可选装制动器。 Optional brakes are available.
EBS130F	低压伺服电机/ Low voltage servo motor
	<ul style="list-style-type: none"> ● DC48V 3000转; 1500W~2500W; DC48V 3000rpm; 1500W~2500W; ● 通用伺服电机, 转子采用强磁材料; General purpose servo motors with rotors made of strong magnetic materials. ● 低速抖动小 Low speed shaking is small ● 耐高低温, -25度到55度; High and low temperature resistance, -25 degrees to 55 degrees. ● IP67防护等级; IP67 protection class

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Jiayu Electric Control Internationalization

EBS40F通用低压伺服电机

EBS40F Universal Low Voltage Servo Motor

EBS40F低压伺服电机 EBS40F low voltage servo motor



功能特点 Product advantages



使用寿命长
Long service life



机身体积小
Compact size



IP65防水等级
IP65



超强过载
Super Overload



耐高温和低温
Resistant to high and low temperatures



高效率
High efficiency



抗退磁
Anti-demagnetization



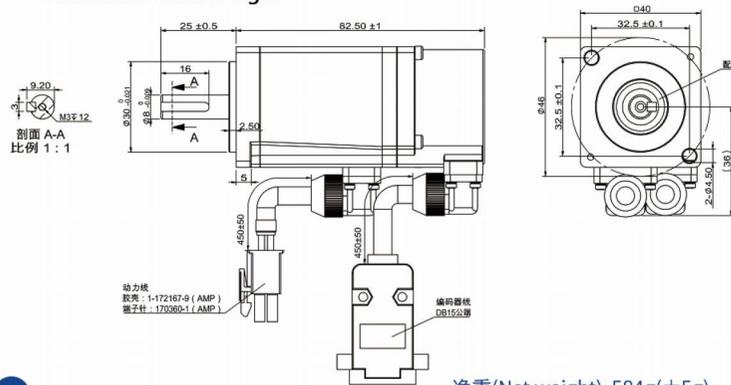
低噪音
Low noise

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS40F-100A-30DR5Z-B7ET-ST-00	EBS40F-100A-30T2R4Z-B3RT-ST-00
Rated Power/额定功率	100W	100W
Rated voltage/额定电压	DC24V	DC24V
Rated Current/额定电流	5.2A	5.6A
Peak Current/峰值电流	15.6A	16A
Rated torque/额定扭矩	0.318Nm	0.32Nm
Peak torque/峰值扭矩	0.954Nm	0.96Nm
Rated speed/额定转速	3000rpm	3000rpm
brake/制动器	无 (Without)	无 (Without)
Encoder type/编码器类型	增量2500线 Incremental 2500 lines	多摩川绝对值编码器 Tamagawa Absolute absolutely encoder
Use environment/使用环境	-25°C~55°C	-25°C~55°C

尺寸和重量 Dimensions and Weight



Order code/订货号

型号/Model	信息/Information
EBS40F-100A-30DR5Z-B7ET-ST-00	100W 5.2A 增量式编码器伺服电机
EBS40F-100A-30T2R4Z-B3RT-ST-00	100W 5.6A 多圈绝对值伺服电机

嘉昱电控国际化
Jiayu Electric Control Internationalization

EBS60F通用低压伺服电机

EBS60F Universal Low Voltage Servo Motor

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

EBS60F-200C低压伺服电机 EBS60F-200C low-voltage servo motor



功能特点 Product advantages



使用寿命长
Long service life



机身体积小
Compact size



IP65防水等级
IP65



DC48V
直流电压
DC48V



耐高低温
-25度~55度
High and low
temperature resistance
-25 degrees~55 degrees



增量式或多圈
绝对值反馈可选
Incremental or
multi-turn Absolute
feedback optional



温升低
Low temperature
rise



噪音低至30dB
Noise level
down to 30dB

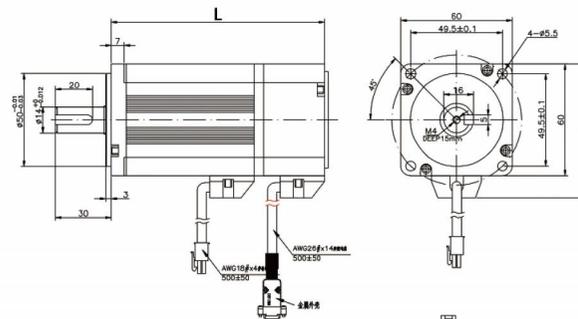
嘉昱电控国际化

Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS60F-200C-30DG5Z-BEEL-ST-00	EBS60F-200C-30DH5Z-BEEL-ST-00	EBS60F-200C-30T2G5Z-BEEL-ST-00	EBS60F-200C-30T2H5Z-BEEL-ST-00
Rated Power/额定功率	200W	200W	200W	200W
Rated voltage/额定电压	DC48V	DC48V	DC48V	DC48V
Rated Current/额定电流	5.6A	5.6A	5.6A	5.6A
Peak Current/峰值电流	16.8A	16.8A	16.8A	16.8A
Rated torque/额定转矩	0.64Nm	0.64Nm	0.64Nm	0.64Nm
Peak torque/峰值转矩	1.92Nm	1.92Nm	1.92Nm	1.92Nm
Rated speed/额定转速	3000rpm	3000rpm	3000rpm	3000rpm
brake/制动器	无 (Without)	有 (with)	无 (Without)	有 (with)
Encoder type/编码器类型	增量2500线 Incremental 2500 lines	增量2500线 Incremental 2500 lines	多摩川17位多圈绝对值 Tomagawa 17-bit multi-turn absolutely encoder	多摩川17位多圈绝对值 Tomagawa 17-bit multi-turn absolutely encoder
Use environment/使用环境	-25°C~55°C	-25°C~55°C	-25°C~55°C	-25°C~55°C
size/尺寸 L	78±1mm	112±1mm	71.5±1mm	105.5±1mm

尺寸 Dimensions



* 调试方式: 被控电机逆时针UV对U 172167-1A0PM

Order code/订货号

净重 (net weight): 555(±5g)

型号/Model	信息/Information
EBS60F-200C-30DG5Z-BEEL-ST-00	DC48V 200W无制动器 增量式2500线 DC48V 200W Without brake, Incremental 2500 line
EBS60F-200C-30DH5Z-BEEL-ST-00	DC48V 200W有制动器 增量式2500线 DC48V 200W With brake, Incremental 2500 line
EBS60F-200C-30T2G5Z-BEEL-ST-00	DC48V 200W无制动器 17多圈绝对值 DC48V 200W Without brake, 17-bit multi-turn absolute
EBS60F-200C-30T2H5Z-BEEL-ST-00	DC48V 200W有制动器 17多圈绝对值 DC48V 200W With brake, 17-bit multi-turn absolute

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

EBS80F通用低压伺服电机

EBS80F Universal Low Voltage Servo Motor

EBS80F-750C



功能特点 Product advantages



使用寿命长

Long service life



温升低

Low temperature rise



IP65防水等级

IP65



DC48V
直流电压

DC48V



耐高低温
-25度~55度

High and low temperature resistance
-25 degrees~55 degrees



高效率

High efficiency



大扭矩

High torque



增量式或多圈
绝对值编码器反馈

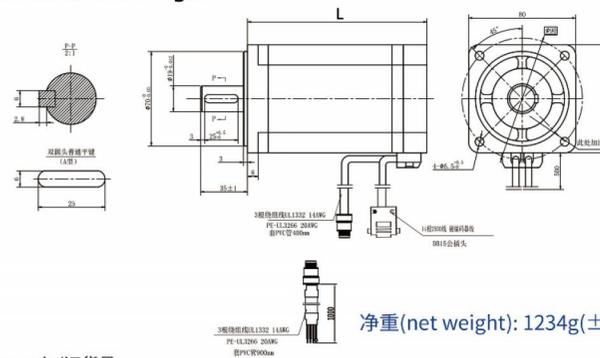
Incremental or multi-turn
Absolute encoder feedback

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS80F-750C-30DG5Z-BEEL-ST-00	EBS80F-750C-30DH5Z-BEEL-ST-00	EBS80F-750C-30T2G5Z-BEEL-ST-00	EBS80F-750C-30T2H5Z-BEEL-ST-00
Rated Power/额定功率	750W	750W	750W	750W
Rated voltage/额定电压	DC48V	DC48V	DC48V	DC48V
Rated Current/额定电流	20A	20A	20A	20A
Peak Current/峰值电流	40A	40A	40A	40A
Rated torque/额定转矩	2.4Nm	2.4Nm	2.4Nm	2.4Nm
Peak torque/峰值扭矩	4.8Nm	4.8Nm	4.8Nm	4.8Nm
Rated speed/额定转速	3000rpm	3000rpm	3000rpm	3000rpm
brake/制动器	无 (Without)	有 (With)	无 (Without)	有 (With)
Encoder type/编码器类型	增量2500线 Incremental 2500 lines	增量2500线 Incremental 2500 lines	多摩川17位多圈绝对值 Tamagawa 17-bit multi-turn absolutely encoder	多摩川17位多圈绝对值 Tamagawa 17-bit multi-turn absolutely encoder
Use environment/使用环境	-25°C~55°C	-25°C~55°C	-25°C~55°C	-25°C~55°C
size/尺寸L	122±1mm	168±1mm	143±1mm	189±1mm

尺寸和重量 Dimensions and Weight



Order code/订货号

型号/Model	信息/Information
EBS80F-750C-30DG5Z-BEEL-ST-00	DC48V 750W 无制动器 增量式2500线 DC48V 750W Without brake ,Incremental 2500 line
EBS80F-750C-30DH5Z-BEEL-ST-00	DC48V 750W 有制动器 增量式2500线 DC48V 750W With brake Incremental 2500 line
EBS80F-750C-30T2G5Z-BEEL-ST-00	DC48V 750W 无制动器 17多圈绝对值 DC48V 750W Without brake 17-bit multi-turn absolute encoder
EBS80F-750C-30T2H5Z-BEEL-ST-00	DC48V 750W 有制动器 17多圈绝对值 DC48V 750W With brake, 17-bit multi-turn absolute encoder

嘉昱电控国际化
Jiayu Electric Control Internationalization

EBS80F通用低压伺服电机

EBS80F Universal Low Voltage Servo Motor

EBS80F-1K0C



功能特点 Product advantages



使用寿命长

Long service life



温升低

Low temperature rise



IP65防水等级

IP65



DC48V
直流电压

DC48V



耐高低温
-25度~55度
High and low
temperature resistance
-25 degrees~55 degrees



高效率
High efficiency



大扭矩
High torque



增量式或多圈
绝对值编码器反馈
Incremental or multi-turn
Absolute feedback optional

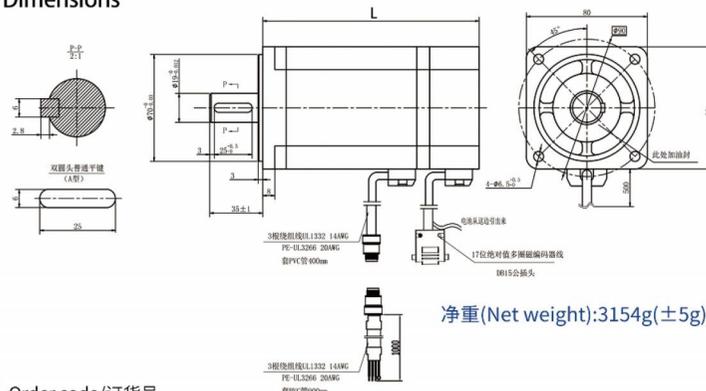
嘉昱电控国际化

Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS80F-1K0C-30DG5Z-BEET-ST-00	EBS80F-1K0C-30DH5Z-BEEL-ST-00	EBS80F-1K0C-30T2G5Z-BEET-ST-00	EBS80F-1K0C-30T2H5Z-BEEL-ST-00
Rated Power/额定功率	1000W	1000W	1000W	1000W
Rated voltage/额定电压	DC48V	DC48V	DC48V	DC48V
Rated Current/额定电流	28A	28A	28A	28A
Peak Current/峰值电流	56A	56A	56A	56A
Rated torque/额定转矩	3.18Nm	3.18Nm	3.18Nm	3.18Nm
Peak torque/峰值转矩	6.36Nm	6.36Nm	6.36Nm	6.36Nm
Rated speed/额定转速	3000rpm	3000rpm	3000rpm	3000rpm
brake/制动器	无 (Without)	有 (With)	无 (Without)	有 (With)
Encoder type/编码器类型	增量2500线 Incremental 2500 lines	增量2500线 Incremental 2500 lines	多摩川17位多圈绝对值 Tama-gawa 17-bit multi-turn absolutely encoder	多摩川17位多圈绝对值 Tama-gawa 17-bit multi-turn absolutely encoder
Use environment/使用环境	-25°C~55°C	-25°C~55°C	-25°C~55°C	-25°C~55°C
size/尺寸L	137±1mm	183±1mm	143±1mm	189±1mm

尺寸 Dimensions



Order code/订货号

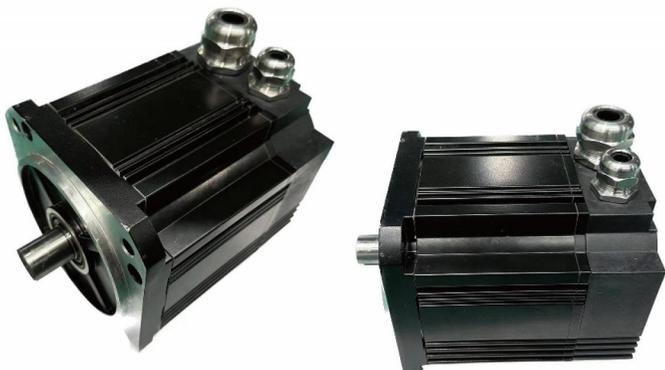
型号/Model	信息/Information
EBS80F-1K0C-30DG5Z-BEET-ST-00	DC48V 1000W无制动器 增量式2500线 DC48V 1000W Without brake, Incremental 2500 line
EBS80F-1K0C-30DH5Z-BEEL-ST-00	DC48V 1000W 有制动器 增量式2500线 DC48V 1000W With brake, Incremental 2500 line
EBS80F-1K0C-30T2G5Z-BEET-ST-00	DC48V 1000W无制动器 17多圈绝对值 DC48V 1000W Without brake, 17-bit multi-turn absolute encoder
EBS80F-1K0C-30T2H5Z-BEEL-ST-00	DC48V 1000W 有制动器 17多圈绝对值 DC48V 1000W With brake, 17-bit multi-turn absolute encoder

嘉昱电控国际化
Jiayu Electric Control Internationalization

EBS130F通用低压伺服电机

EBS130F Universal Low Voltage Servo Motor

EBS130F



功能特点 Product advantages



使用寿命长

Long service life



温升高

Low temperature rise



IP67防水等级

IP67



DC48V
直流电压

DC48V



耐高低温
-25度~55度
High and low
temperature resistance
-25 degrees~55 degrees



高效率
High efficiency



大扭矩
High torque



增量式或多圈
绝对值编码器反馈
Incremental or multi-turn
Absolute feedback optional

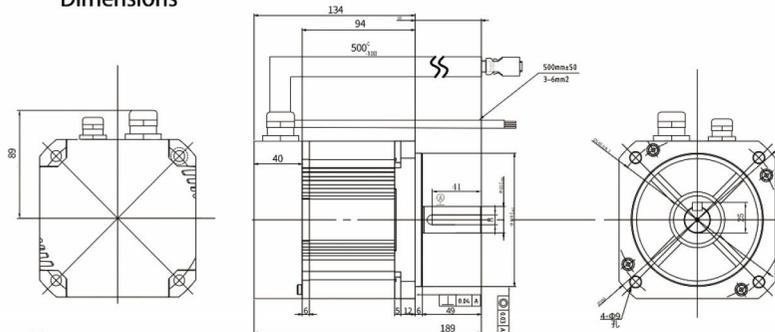
嘉昱电控国际化

Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS130F-1K5C-30DE5Z-BDEL-ST-00	EBS130F-2K5C-30DE5Z-BDEL-ST-00	EBS130F-2K5C-30DE5Z-BDEL-ST-00
Rated Power/额定功率	1500W	2000W	2500W
Rated voltage/额定电压	48V	48V	48V
Rated Current/额定电流	37.5A	50A	62.5A
Peak Current/峰值电流	75A	100A	125A
Rated torque/额定扭矩	4.78Nm	6.36Nm	6.36Nm
Peak torque/峰值扭矩	9.5Nm	12.8Nm	12.8Nm
Rated speed/额定转速	3000rpm	3000rpm	3000rpm
brake/制动器	无	无	无
Encoder type/编码器类型	增量式2500线 Incremental 2500 line	增量式2500线 Incremental 2500 line	增量式2500线 Incremental 2500 line
Use environment/使用环境	-25~55°C	-25~55°C	-25~55°C

尺寸 Dimensions



Order code/订货号

净重(Net weight):

型号/Model	信息/Information
EBS130F-1K5C-30DE5Z-BDEL-ST-00	48V 1500W 无制动器 增量式2500线 48V 1500W Without brake, Incremental 2500 line
EBS130F-1K5C-30T2E5Z-BDEL-ST-00	48V 1500W 无制动器 多摩川17位多圈绝对值 48V 1500W Without brake, Tamagawa 17-bit multi-turn absolutely encoder
EBS130F-2K5C-30DE5Z-BDEL-ST-00	48V 2000W 无制动器 增量式2500线 48V 2000W Without brake, Incremental 2500 line
EBS130F-2K5C-30T2E5Z-BDEL-ST-00	48V 2000W 无制动器 多摩川17位多圈绝对值 48V 2000W Without brake, Tamagawa 17-bit multi-turn absolutely encoder
EBS130F-2K5C-30DE5Z-BDEL-ST-00	48V 2500W 无制动器 增量式2500线 48V 2500W Without brake, Incremental 2500 line
EBS130F-2K5C-30T2E5Z-BDEL-ST-00	48V 2500W 无制动器 多摩川17位多圈绝对值 48V 2500W Without brake, Tamagawa 17-bit multi-turn absolutely encoder

嘉昱电控国际化

Jiayu Electric Control Internationalization

行星减速机直齿系列

Planetary Straight Gear Reducer

直齿系列 Straight Gear Reducer series

<p>JYPNE40</p> 	<p>行星减速机直齿/Planetary Straight Gear Reducer</p> <ul style="list-style-type: none"> ● 低间隙：齿间隙低于3弧分，定位精准。 Low clearance: gear backlash is less than 3 arc minutes, accurate positioning. ● 高效率：满载效率96%以上。 High efficiency: over 96% of full-load efficiency ● 寿命长：额定转速下寿命>20000小时。 Long life : >20,000 hours at rated speed ● 回程间隙：12arc-min~18arc-min Backlash: 12arc-min~18arc-min
<p>JYPNE60/80/120</p> 	<p>行星减速机直齿/Planetary Straight Gear Reducer</p> <ul style="list-style-type: none"> ● 静音:噪音低于58db,实现顺畅安静运转。 Noise: noise below 58db, to achieve smooth and quiet operation. ● 低间隙:齿间隙低于3弧分,定位精准。 Low clearance: the gear backlash is less than 3 arc minutes, and the positioning is precise. ● 额定输出力矩：8.5Nm~680.0Nm Rated output torque: 8.5Nm~680.0Nm ● 拥有60mm,80mm,120mm尺寸选择 With 60mm, 80mm, 120mm size options
<p>JYPNF60/80/120</p> 	<p>行星减速机直齿/Planetary Straight Gear Reducer</p> <ul style="list-style-type: none"> ● 额定输出力矩：8.5Nm~680.0Nm Rated output torque: 8.5Nm~680.0Nm ● 高刚性高扭矩：使用整体式滚珠轴承，大大提高刚性和扭矩。 High rigidity and high torque: using integral roller ball bearings, greatly improving rigidity and torque. ● 低间隙：齿间隙低于3弧分,定位精准。 Low clearance: the gear backlash is less than 3 arc minutes, accurate positioning. ● 寿命长：额定转速下寿命>20000小时。 Long life : >20,000 hours at rated speed

<p>JYPZF60/80/120</p> 	<p>行星减速机直齿/Planetary Straight Gear Reducer</p> <ul style="list-style-type: none"> ● 低间隙：齿间隙低于3弧分，定位精准。 Low clearance: gear backlash is less than 3 arc minutes for accurate positioning. ● 额定输出力矩：8.5Nm~680.0Nm Rated output torque: 8.5Nm~680.0Nm ● 寿命长：额定转速下寿命>20000小时。 Long life : >20,000 hours at rated speed ● 回程间隙：12arc-min~18arc-min Backlash: 12arc/min~18arc/min
<p>JYPNX78/90</p> 	<p>行星减速机直齿/Planetary Straight Gear Reducer</p> <ul style="list-style-type: none"> ● 静音:噪音低于58db,实现顺畅安静运转。 Noise: the noise level is less than 58db, achieving smooth and quiet operation. ● 低间隙:齿间隙低于3弧分,定位精准。 Low clearance: the gear backlash is less than 3 arc minutes for precise positioning. ● 额定输出力矩：41Nm~1840Nm Rated output torque: 41Nm~1840Nm ● 拥有78mm、90mm尺寸选择 With 78mm, 90mm size options

行星减速机直齿系列JYPNE

Planetary Straight Gear Reducer Series JYPNE

JYPNE40



功能特点 Product advantages



使用寿命长
额定转速下寿命 > 20000h
Long service life
Life expectancy under rated speed > 20,000h



高效率
满载效率96%以上
High efficiency Over 96% full load efficiency



噪音低至55dB
Noise level as low as 55dB



耐高低温
-25°C~90°C
High and low temperature resistance -25°C~90°C



回程精度
15弧分
Return accuracy 15 arc minutes



高输入转速
输入转速高达4500RPM
High input speed Input speed up to 4500RPM

嘉昱电控国际化
Jiayu Electric Control Internationalization

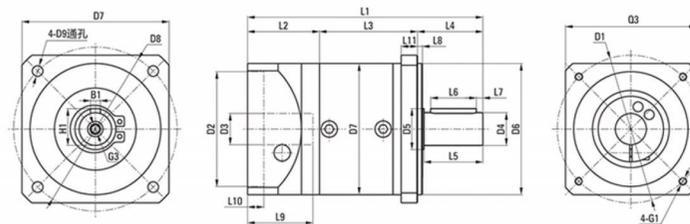
规格参数 Specification

Stages/级数	单级Single stage(i:3,4,5,8,10)	双级Two stages (i:9,12,15,16,20,25,32,40,64)	三级Three stages(i:60,80,120,160,200,256,320,512)
Full load efficiency/满载效率	96%	94%	90%
Backlash/回程间隙	< 15arc-min	< 15arc-min	< 15arc-min
Weight/重量	0.4kg	0.5kg	0.6kg

Reduction ratio/减速比 (i)	3	4	5	8	10	12	15	16	20	25	32	40	64	60
Rated output torque/额定输出力矩(Nm)	4.5	6	6	5	4	16.5	16.5	20	20	18	20	18	7.5	16.5
Maximum output torque/最大输出力矩(Nm)	9	12	12	10	8	33	33	40	40	36	40	36	15	33
Rotational inertia/转动惯量 (Kgcm ²)	0.031	0.022	0.019	0.017	0.015	0.022	0.019	0.022	0.019	0.019	0.017	0.016	0.016	0.019

Reduction ratio/减速比 (i)	80	100	120	160	200	256	320	512
Rated output torque/额定输出力矩(Nm)	44	44	16.5	20	18	20	18	7.5
Maximum output torque/最大输出力矩(Nm)	88	88	33	40	36	40	36	15
Rotational inertia/转动惯量(Kgcm ²)	0.019	0.019	0.016	0.016	0.016	0.016	0.016	0.016

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
JYPNE40-XX-F-XX-01	12arc-min~18arc-min 参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

行星减速机直齿系列JYPNE

Planetary Straight Gear Reducer Series JYPNE

JYPNE60-03-A-B1-01



功能特点 Product advantages



使用寿命长额定转速
下寿命>20000h
Long service life
Life expectancy
under rated speed >20,000h



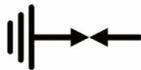
高效率
满载效率96%以上
High efficiency Over
96% full load efficiency



噪音低至58dB
Noise level
as low as 58dB



耐高低温
-25°C~120°C
High and low temperature
resistance -25°C~120°C



低间隙齿间隙
低于3弧分, 定位精准。
Low backlash
Less than 3 arc minutes
precise positioning.



高输入转速
输入转速高达10000RPM
High input speed Input
speed up to 10000RPM

嘉昱电控国际化
Jiayu Electric Control Internationalization

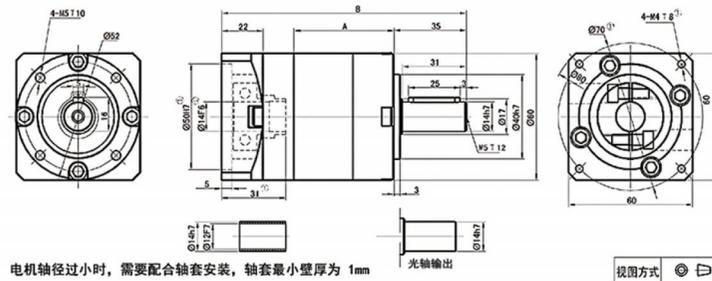
规格参数 Specification

Series/级数	单级Single stage(i:3,4,5,7,10)	双级Two stages(i:12,16,20,25,28,35,40,50,70)	三级Three stages(i:64,80,100,125,140,175,200,250,350,400,500,700,1000)
Full load efficiency/满载效率	96%	94%	90%
Backlash/回程间隙	<12arc-min	<15arc-min	<18arc-min
Weight/重量	1kg	1.3kg	1.6kg
length/长度	A: 46mm B:118mm	A: 62mm B:134mm	A: 78mm B:150mm

Reduction ratio/减速比 (i)	3	4	5	7	10	12	16	20	25	28	35	40	50	70
Rated output torque/额定输出力矩(Nm)	16.5	27	29.5	19.5	8.5	30	30	30	33	30	33	30	33	21.5
Maximum output torque/最大输出力矩(Nm)	33	54	59	39	17	60	60	60	66	60	66	60	66	43
Rotational inertia/转动惯量 (Kgcm ²)	0.107	0.094	0.092	0.091	0.091	0.107	0.094	0.092	0.092	0.091	0.091	0.091	0.091	0.091

Reduction ratio/减速比 (i)	64	80	100	125	140	175	200	250	280	350	400	500	700	1000
Rated output torque/额定输出力矩(Nm)	37.5	37.5	37.5	41	37.5	41	37.5	41	37.5	41	37.5	41	27	11.5
Maximum output torque/最大输出力矩(Nm)	75	75	75	82	75	82	75	82	75	82	75	82	54	23
Rotational inertia/转动惯量(Kgcm ²)	0.092	0.092	0.092	0.092	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
JYPNE60-XX-XX-B1-01	12arc-min~18arc-min 参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

行星减速机直齿系列JYPNF

Planetary Straight Gear Reducer Series JYPNF

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

JYPNF60-03-F-B1-01



功能特点 Product advantages



使用寿命长额定转速
下寿命 > 20000h
Long service life
Life expectancy
under rated speed > 20,000h



高效率
满载效率96%以上
High efficiency Over
96% full load efficiency



噪音低至58dB
Noise level as
low as 58dB



耐高低温
-25°C~120°C
High and low temperature
resistance -25°C~120°C



回程精度
15弧分
Return accuracy
15 arc minutes



高刚性高扭矩
High rigidity and
high torque

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Stages/级数	单级Single Stage(i:3,4,5,7,10)	双级Two Stages (i:12,16,20,25,28,35,40,50,70)	三级Three Stages(i:64,80,100,125,140, 175,200,250,350,400,500,700,1000)
Full load efficiency/满载效率	96%	94%	90%
Backlash/回程间隙	<12arc-min	<15arc-min	<18arc-min
Weight/重量	1kg	1.3kg	1.6kg
length/长度	A: 46mm B:118mm	A: 62mm B:134mm	A: 78mm B:150mm

Reduction ratio/减速比 (i)	3	4	5	7	10	12	16	20	25	28	35	40	50	70
Rated output torque/额定输出力矩(Nm)	16.5	27	29.5	19.5	8.5	30	30	30	33	30	33	30	33	21.5
Maximum output torque/最大输出力矩(Nm)	33	54	59	39	17	60	60	60	66	60	66	60	66	43
Rotational inertia/转动惯量 (Kgcm ²)	0.107	0.094	0.092	0.091	0.091	0.107	0.094	0.092	0.092	0.091	0.091	0.091	0.091	0.091

Reduction ratio/减速比 (i)	64	80	100	125	140	175	200	250	280	350	400	500	700	1000
Rated output torque/额定输出力矩(Nm)	37.5	37.5	37.5	41	37.5	41	37.5	41	37.5	41	37.5	41	27	11.5
Maximum output torque/最大输出力矩(Nm)	75	75	75	82	75	82	75	82	75	82	75	82	54	23
Rotational inertia/转动惯量(Kgcm ²)	0.092	0.092	0.092	0.092	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091

尺寸 Dimensions

JYPNF60-03-F-B1-01



电机轴径过小时，需要配合轴套安装，轴套最小壁厚为 1mm

光轴输出

视图方式

Order code/订货号

型号/Model	信息/Information
JYPNF60-XX-X-B1-01	12arc-min~18arc-min 参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

行星减速机直齿系列JYPZF

Planetary Straight Gear Reducer Series JYPZF

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

JYPZF60-03-F-B1-01



功能特点 Product advantages



使用寿命长额定转速
下寿命>20000h
Long service life
Life expectancy
under rated speed >20,000h



高效率
满载效率96%以上
High efficiency Over
96% full load efficiency



噪音低至58dB
Noise level as
low as 58dB



耐高低温
-25°C~120°C
High and low temperature
resistance -25°C~120°C



回程精度
15弧分
Return accuracy
15 arc minutes



高刚性高扭矩
High rigidity and
high torque

嘉昱电控国际化
Jiayu Electric Control Internationalization

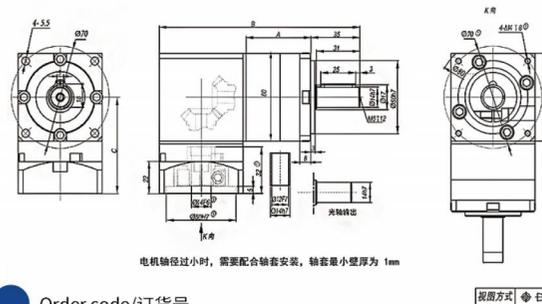
规格参数 Specification

Stages/级数	单级Single Stage(i:3,4,5,7,10)	双级Two Stages (i:12,16,20,25,28,35,40,50,70)	三级Three Stages(i:64,80,100,125,140, 175,200,250,350,400,500,700,1000)
Full load efficiency/满载效率	95%	93%	90%
Backlash/回程间隙	<12arc-min	<15arc-min	<18arc-min
Weight/重量	2.2kg	2.5kg	2.8kg
length/长度	A: 46.5mm B:143mm C:66mm	A: 63mm B:160mm C:66mm	A: 79mm B:176.5mm C:66mm

Reduction ratio/减速比 (i)	3	4	5	7	10	12	16	20	25	28	35	40	50	70
Rated output torque/额定输出力矩(Nm)	16.5	27	29.5	19.5	8.5	30	30	30	33	30	33	30	33	21.5
Maximum output torque/最大输出力矩(Nm)	33	54	59	39	17	60	60	60	66	60	66	60	66	43
Rotational inertia/转动惯量 (Kgcm ²)	0.107	0.094	0.092	0.091	0.091	0.107	0.094	0.092	0.092	0.091	0.091	0.091	0.091	0.091

Reduction ratio/减速比 (i)	64	80	100	125	140	175	200	250	280	350	400	500	700	1000
Rated output torque/额定输出力矩(Nm)	37.5	37.5	37.5	41	37.5	41	37.5	41	37.5	41	37.5	41	27	11.5
Maximum output torque/最大输出力矩(Nm)	75	75	75	82	75	82	75	82	75	82	75	82	54	23
Rotational inertia/转动惯量(Kgcm ²)	0.092	0.092	0.092	0.092	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
JYPZF60-XX-X-B1-01	12arc-min~18arc-min 参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

行星减速机直齿系列JYPNX

Planetary Straight Gear Reducer Series JYPNX

JYPNX78-05-F-B1-01



功能特点 Product advantages



使用寿命长额定转速
下寿命 > 20000h
Long service life
Life expectancy
under rated speed > 20,000h



高效率
满载效率96%以上
High efficiency Over
96% full load efficiency



噪音低至58dB

Noise level as
low as 58dB



耐高低温
-25°C~120°C
High and low temperature
resistance -25°C~120°C



回程精度
3弧分
Return accuracy
3 arc minutes



高刚性高扭矩
High rigidity and
high torque

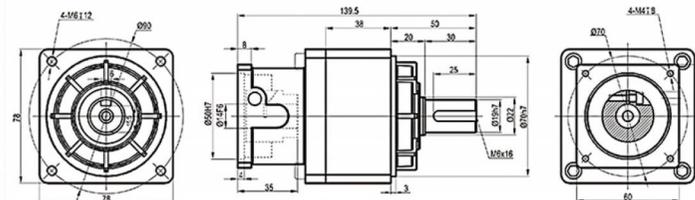
嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Stages/级数	单级Single Stage (5,9)
Full load efficiency/满载效率	96%
Backlash/回程间隙	4arc-min~10arc-min
Weight/重量	1.95kg
Reduction ratio/减速比	5:1 9:1

Reduction ratio/减速比 (i)	5
Rated output torque/额定输出力矩(Nm)	92
Maximum output torque/最大输出力矩(Nm)	184
Rotational inertia/转动惯量 (Kgcm ²)	0.291

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
JYPNX78-XX-F-XX-01	4arc-min~10arc-min 参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

行星减速机斜齿系列

Planetary Reducer Helical Gear Series

斜齿系列 Helical Gear Series

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

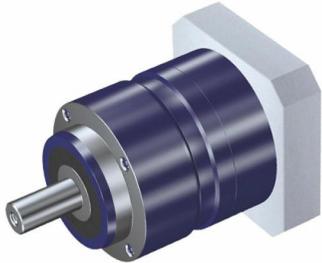
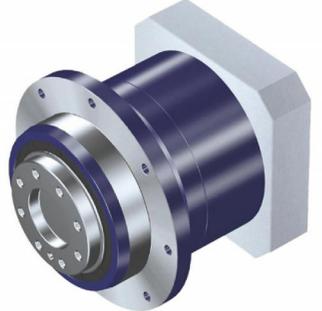
通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

	<p>JYMNE70/90/120/155 行星减速机斜齿/Planetary reducer helical gear</p> <ul style="list-style-type: none"> ● 静音：使用斜齿轮实现顺畅安静地运转 Quiet: Smooth and quiet operation with helical gears ● 高精度：齿隙低于3弧分，定位精确 High precision: tooth gap less than 3 arc minutes, accurate positioning ● 高刚性，高扭矩：使用整体式滚珠轴承，大大提高刚性和扭矩 High rigidity, high torque: using integral ball bearings. Greatly improve rigidity and torque ● 无润滑油脂泄漏：使用高粘度、不易分离的润滑油脂，有效防止润滑油脂泄漏 No grease leakage: use high viscosity, not easy to separate grease, effectively preventing grease leakage ● 拥有70mm 90mm 120mm 155mm 尺寸选择 With 70mm, 90mm, 120mm and 155mm Size options ● 回程间隙3-5弧分 Backlash 3-5 arc minutes
	<p>JYMNH64/90/115 行星减速机斜齿/Planetary reducer helical gear</p> <ul style="list-style-type: none"> ● 高精度：齿隙低于3弧分，定位精确 High precision: tooth gap less than 3 arc minutes, accurate positioning ● 高刚性，高扭矩：使用整体式滚珠轴承，大大提高刚性和扭矩 High rigidity, high torque: using integral ball bearings Greatly improve rigidity and torque ● 高负载：主轴承采用锥形滚柱轴承，实现提高负载容量 High load: main bearing adopts tapered roller bearing to achieve increased load capacity ● 无润滑油脂泄漏：使用高粘度、不易分离的润滑油脂，有效防止润滑油脂泄漏 No grease leakage: Use high viscosity, not easy to separate grease, effectively preventing grease leakage ● 回程间隙3-5弧分 Backlash 3-5 arc minutes ● 拥有64mm 90mm 115mm 尺寸选择 With 64mm, 90mm, 115mm size options

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

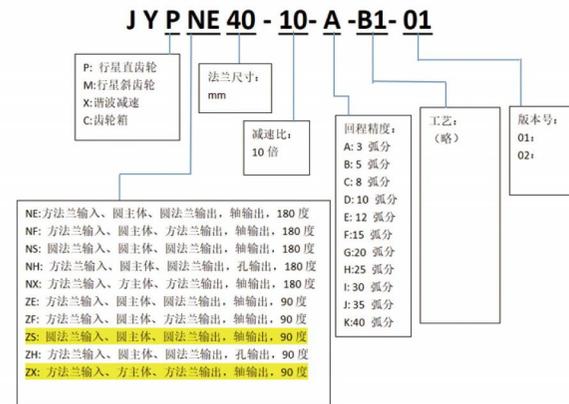
轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

	<p>JYMNE60/90/142 行星减速机斜齿/Planetary reducer helical gear</p> <ul style="list-style-type: none"> ● 静音：使用斜齿轮实现顺畅安静地运转 Quiet: smooth and quiet operation with helical gears ● 高精度：齿隙低于1-2弧分，定位精确 High precision: backlash less than 1-2 arc minutes, accurate positioning ● 使用寿命至少20000小时 Service life at least 20,000 hours ● 高刚性，高扭矩：使用整体式滚珠轴承，大大提高刚性和扭矩 High rigidity, high torque: using integral ball bearings Greatly improve rigidity and torque ● 拥有60mm 90mm 142mm 尺寸选择 With 60mm, 90mm, 142mm size options
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减速机命名规则 Naming rules for speed reducers



行星减速机斜齿系列JYMNE

Planetary Reducer Helical Gear Series JYMNE

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

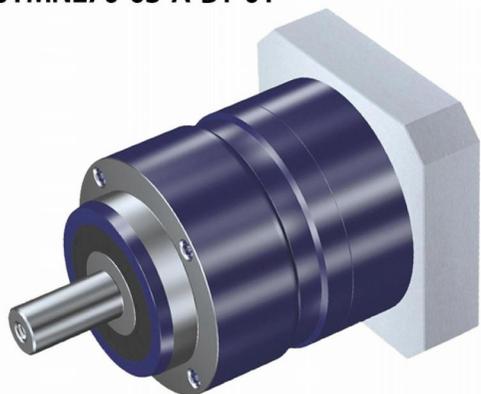
行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

● JYMNE70-03-A-B1-01



● 功能特点 Product advantages



使用寿命长额定转速
下寿命 > 20000h
Long service life
Life expectancy
under rated speed > 20,000h



无润滑油脂泄漏
No lubricant
grease leakage



噪音低
Low noise level



耐高低温
-25°C~120°C
High and low temperature
resistance -25°C~120°C



高精度齿隙
低于3弧分，定位精准。
High precision tooth
clearance. Less than 3 arc
minutes, accurate positioning.



高刚性高扭矩
High rigidity and
high torque

嘉昱电控国际化
Jiayu Electric Control Internationalization

● 规格参数 Specification

Sections/段数	1段/One section(i :3,4,5,6,7,8,9,10)	2段/Two sections(15,16,20,25,28,30,35,40,45,50,60,70,80,90,100)
Full load efficiency/满载效率	95%	93%
Backlash/回程间隙	3 或 5 (arc/min)	3 或 5 (arc/min)
Weight/重量	1.5kg	1.7kg

Reduction ratio/减速比 (i)	3	4	5	6	7	8	9	10	15	16	20	25	28	30
Rated output torque/额定输出力矩(Nm)	18	27	27	27	27	27	18	18	18	27	27	27	27	18
Maximum output torque/最大输出力矩(Nm)	33	50	50	50	50	50	35	35	35	50	50	50	50	35
Rotational inertia/转动惯量 (Kgcm ²)	0.14	0.095	0.077	0.068	0.062	0.059	0.057	0.056	0.055	0.057	0.054	0.053	0.055	0.049

Reduction ratio/减速比 (i)	35	40	45	50	60	70	80	90	100
Rated output torque/额定输出力矩(Nm)	27	27	18	27	27	27	27	18	18
Maximum output torque/最大输出力矩(Nm)	50	50	35	50	50	50	50	35	35
Rotational inertia/转动惯量 (Kgcm ²)	0.053	0.049	0.053	0.049	0.049	0.049	0.049	0.049	0.049

● Order code/订货号

型号/Model	信息/Information
JYMNE70-XX-X-B1-01	参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

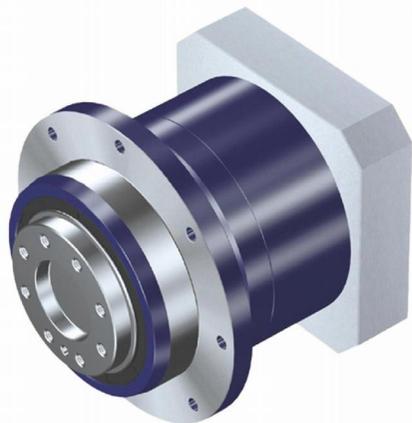
伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

行星减速机斜齿系列JYMNH

Planetary Reducer Helical Gear Series JYMNH

JYMNH64-04-A-B1-01



功能特点 Product advantages



使用寿命长额定转速
下寿命 > 20000h
Long service life
Life expectancy
under rated speed > 20,000h



无润滑油脂泄漏
No lubricant
grease leakage



高负载
High load



在产品寿命期内
无需更换润滑脂,
安装更便捷
During the life of the
product. No grease change
required. Easier installation



高精度齿隙
低于3弧分, 定位精准。
High precision tooth
clearance. Less than 3 arc
minutes, accurate positioning.



高刚性高扭矩
High rigidity and
high torque

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Sections/段数	1段 One section (i: 4, 5, 6, 7, 8, 9, 10)	2段 Two sections (i: 16, 20, 25, 28, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100)
Full load efficiency/满载效率	95%	93%
Backlash/回程间隙	3 或 5 (arc/min)	3 或 5 (arc/min)
Weight/重量	1.4kg	1.6kg

Reduction ratio/减速比 (i)	4	5	6	7	8	9	10	16	20	25	28	30
Rated output torque/额定输出力矩(Nm)	27	27	27	27	27	18	18	27	27	27	27	27
Maximum output torque/最大输出力矩(Nm)	50	50	50	50	50	35	35	50	50	50	50	50
Rotational inertia/转动惯量 (Kgcm ²)	0.13	0.10	0.085	0.075	0.068	0.064	0.062	0.059	0.055	0.054	0.056	0.056

Reduction ratio/减速比 (i)	35	40	45	50	60	70	80	90	100
Rated output torque/额定输出力矩(Nm)	27	27	18	27	27	27	27	18	18
Maximum output torque/最大输出力矩(Nm)	50	50	35	50	50	50	50	35	35
Rotational inertia/转动惯量 (Kgcm ²)	0.053	0.049	0.053	0.049	0.049	0.049	0.049	0.049	0.049

Order code/订货号

型号/Model	信息/Information
JYMNH64-XX-X-B1-01	参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

行星减速机斜齿系列JYMNE

Planetary Reducer Helical Gear Series JYMNE

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

JYMNE60-03-A-B1-01



功能特点 Product advantages



使用寿命长额定转速
下寿命 > 20000h

Long service life
Life expectancy
under rated speed > 20,000h



在产品寿命期内
无需更换润滑脂,
安装更便捷
During the life of the
product. No grease change
required. Easier installation



高效率
满载效率96%以上

High efficiency Over
96% full load efficiency



回程精度
1-2弧分

Return accuracy
1-2 arc minutes



噪音低

Low noise level



高刚性高扭矩

High rigidity and
high torque

嘉昱电控国际化
Jiayu Electric Control Internationalization

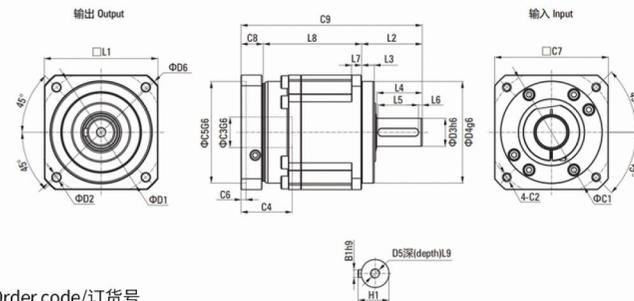
规格参数 Specification

Sections/段数	1段 One section (i: 3, 4, 5, 6, 7, 8, 9, 10)	2段 Two section (i: 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100)
Full load efficiency/满载效率	97%	94%
Backlash/回程间隙	1 或 2 (arc/min)	1 或 2 (arc/min)
Weight/重量	1.3kg	1.5kg

Reduction ratio/减速比 (i)	3	4	5	6	7	8	9	10	15	20	25	30
Rated output torque/额定输出力矩(Nm)	55	50	60	55	50	45	40	40	55	50	60	55
Maximum output torque/最大输出力矩(Nm)	165	150	180	165	150	135	120	120	165	150	180	165
Rotational inertia/转动惯量 (Kgcm ²)	0.16	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.03	0.03	0.03	0.03

Reduction ratio/减速比 (i)	35	40	45	50	60	70	80	90	100
Rated output torque/额定输出力矩(Nm)	50	45	40	50	60	50	45	40	40
Maximum output torque/最大输出力矩(Nm)	150	135	120	150	180	150	135	120	120
Rotational inertia/转动惯量 (Kgcm ²)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
JYMNE60-XX-X-B1-01	参见62页(Refer to page 62)

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

轮毂伺服电机产品介绍

Product Introduction of Hub Wheel Servo Motor

● 轮毂伺服电机系列 Hub Wheel Servo Motor Series

<p>4英寸/4-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压24V,额定功率100W Rated voltage 24V, rated power 100W ● 1024编码器, 聚氨酯包胶材质 1024 encoder, polyurethane covered material ● 建议负载: 单轮20KG 双轮50KG Recommended load: 20kg for one wheel, 50kg for two wheels ● 外径尺寸107MM 单边出轴 Outer diameter size 107mm Single side exit shaft
<p>4.5英寸/4.5-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压24V,额定功率75W Rated voltage 24V, rated power 75W ● 1024编码器, 聚氨酯包胶材质 1024 encoder, polyurethane covered material ● 建议负载: 单轮50KG 双轮150KG Recommended load: 50kg for one wheel, 150kg for two wheels ● 外径尺寸118MM 单边出轴 Outer diameter size 118mm. Single side exit shaft
<p>5.5英寸/5.5-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压24V,额定功率75W/150W Rated voltage 24V, rated power 75W/150W ● 1024编码器, 聚氨酯包胶, 橡胶材质 1024 encoder, polyurethane encapsulated, rubber material ● 建议负载: 单轮50KG 双轮150KG Recommended load: 50kg for one wheel 150kg for two wheels ● 外径尺寸138MM 单边出轴 Outer diameter size 138mm Single side exit shaft
<p>6.5英寸/6.5-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压36V,额定功率300W Rated voltage 36V, rated power 300W ● 1024编码器, 橡胶材质 1024 encoder, rubberized ● 建议负载: 单轮50KG 双轮150KG Recommended load: 50kg for one wheel, 150kg for two wheels ● 外径尺寸169MM 单边出轴 Outer diameter size 169mm, Single side exit shaft

嘉昱电控国际化
Jiayu Electric Control Internationalization

<p>8英寸/8-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压36V,额定功率200W Rated voltage 36V, rated power 200W ● 1024编码器, 橡胶实心胎材质 1024 encoder, rubber solid tire material ● 建议负载: 单轮50KG 双轮150KG Recommended load: 50kg for one wheel, 150kg for two wheels ● 外径尺寸200MM 单边出轴 Outer diameter size 200mm, Single side exit shaft
<p>10英寸/10-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压48V,额定功率450W Rated voltage 48V, rated power 450W ● 1024编码器, 橡胶材质 1024 encoder, rubber material ● 建议负载: 单轮70KG 双轮150KG Recommended load: 70kg for one wheel, 150kg for two wheels ● 外径尺寸255MM 单边出轴 Outer diameter size 255mm, Single side exit shaft
<p>12.5英寸/12.5-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压48V,额定功率600W Rotational inertia rated voltage 48V, rated power 600W ● 1024编码器, 橡胶带减速孔材质 1024 encoder, rubber belt reduction hole material ● 建议负载: 单轮150KG 双轮300KG Recommended load: 150kg for one wheel, 300kg for two wheels ● 外径尺寸322MM 单边或者双边出轴 Outer diameter size 322mm Single or double side exit shaft
<p>14英寸/14-inch</p> 	<p>轮毂伺服电机/Hub wheel servo motor</p> <ul style="list-style-type: none"> ● 额定电压24V,额定功率200W Rated voltage 24V, rated power 180W ● 1024编码器, 橡胶材质 1024 encoder, rubber material ● 建议负载: 单轮70KG 双轮150KG Recommended load: 70kg for one wheel, 150kg for two wheels ● 外径尺寸340MM 单边出轴 Outer diameter size 340mm, Single side exit shaft

嘉昱电控国际化
Jiayu Electric Control Internationalization

4英寸轮毂伺服电机

4 inch Hub Wheel Servo Motor

4英寸轮毂伺服电机 4-inch hub wheel servo motor



功能特点 Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压24V
Rated voltage 24V



额定功率100W
Rated power 100W



单边轴
Single-sided shaft



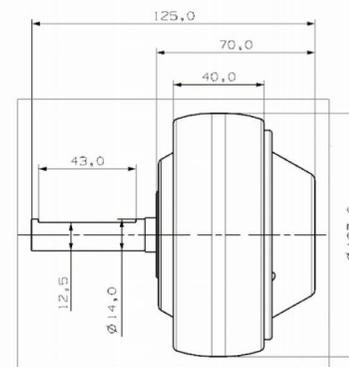
单轮负载20kg
双轮负载50kg
Single wheel load 20kg
Double wheel load 50kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM40-100A-65140A1DE
Diameter size/外径尺寸	107mm
weight/重量	1.7Kg
Rated voltage/额定电压	24V
Rated power/额定功率	100W
Rated torque/额定转矩	2Nm
Instantaneous maximum torque 瞬间最大转矩	5Nm
Recommended load/建议负载	单轮(Single Wheel): 20kg 双轮(Two Wheels): 50kg
Rated speed/额定转速	650RPM
Rated phase current/额定相电流	7A
Poles/极对数	10对极 (10 pairs of poles)
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	聚氨酯包胶材质(Polyurethane cover material)
Protection class/防护等级	IP53
Whether there's a single and double axis 是否有单双轴	单边出轴(Single side exit shaft)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM40-100A-65140A1DE	24V 100W 2Nm 轮毂伺服电机 24V 100W 2Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

4.5英寸轮毂伺服电机

4.5 inch Hub Wheel Servo Motor

4.5英寸伺服轮毂电机

4.5 inch hub wheel servo motor



功能特点

Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压24V
Rated voltage DC24V



额定功率75W
Rated power 75W



单边轴
Single-sided shaft



单轮负载50kg
双轮负载150kg
Single wheel load 50kg
Double wheel load 150kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

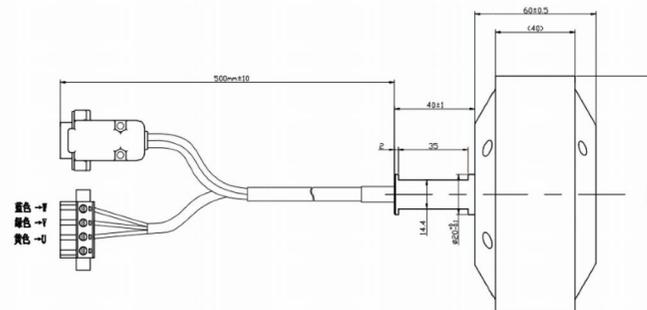
规格参数

Specification

Model Name/型号	SHM45-75A-35140A1DE
Diameter size/外径尺寸	118 mm
weight/重量	1.9Kg
Rated voltage/额定电压	24V
Rated power/额定功率	75W
Rated torque/额定转矩	4Nm
Instantaneous maximum torque 瞬间最大转矩	8Nm
Recommended load/建议负载	单轮(Single Wheel): 50kg 双轮(Two Wheels): 150kg
Rated speed/额定转速	350RPM
Rated phase current/额定相电流	10A
Poles/极对数	10对极 (10 pairs of poles)
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	聚氨酯包胶材质(Polyurethane cover material)
Protection class/防护等级	IP53
Whether there is a single and double axis 是否有单双轴	单边出轴(Single side exit shaft)

尺寸

Dimensions



Order code/订货号

型号/Model	信息/Information
SHM45-75A-35140A1DE	24V 75W 4Nm 轮毂伺服电机 24V 75W 4Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

5.5英寸轮毂伺服电机

5.5 inch Hub wheel servo motor

5.5英寸轮毂伺服电机 5.5 inch Hub Wheel Servo Motor



功能特点 Product advantages



轮毂伺服电机

Hub wheel servo motor



1024线编码器

1024 line encoder



额定电压24V

Rated voltage DC24V



额定功率150W

Rated power 150W



单边轴

Single-sided shaft



单轮负载50kg
双轮负载150kg

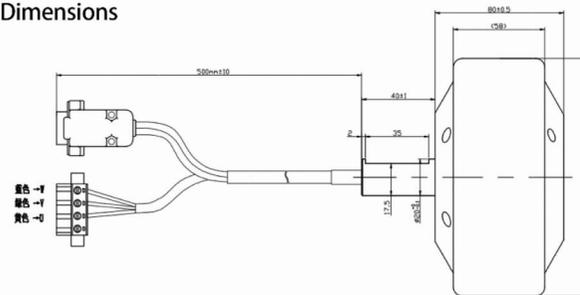
Single wheel load 50kg
Double wheel load 150kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM55-150A-20158A1DE
Diameter size/外径尺寸	138mm
weight/重量	2.7Kg
Rated voltage/额定电压	24V
Rated power/额定功率	150W
Rated torque/额定转矩	7Nm
Instantaneous maximum torque 瞬间最大转矩	15Nm
Recommended load/建议负载	单轮(Single Wheel): 50kg 双轮(Two Wheels): 150kg
Rated speed/额定转速	200RPM
Rated phase current/额定相电流	15A
Poles/极对数	10对极 (10 pairs of poles)
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	聚氨酯包胶, 橡胶(Polyurethane Covering, Rubber)
Protection class/防护等级	IP53
Whether there is a single and double axis 是否有单双轴	单边出轴(Single shaft)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM55-150A-20158A1DE	24V 150W 7Nm 轮毂伺服电机 24V 150W 7Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

6.5英寸轮毂伺服电机

6.5 Inch Hub wheel servo motor

6.5英寸轮毂伺服电机 6.5 inch Hub Wheel Servo Motor



功能特点 Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压36V
Rated voltage 36V



额定功率300W
Rated power 300W



单边轴
Single shaft



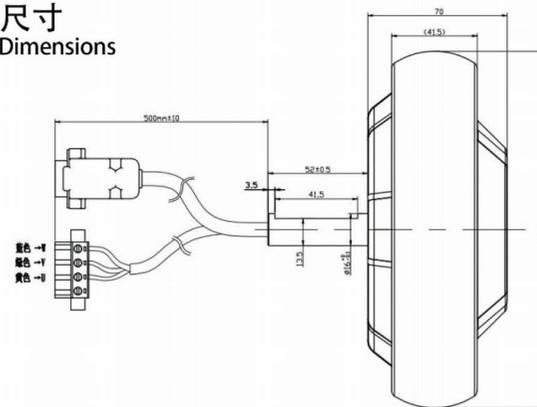
单轮负载50kg
双轮负载150kg
Single wheel load 50kg
Double wheel load 150kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM65-300B-24241A1AE
Diameter size/外径尺寸	169mm
weight/重量	3.5Kg
Rated voltage/额定电压	36V
Rated power/额定功率	300W
Rated torque/额定转矩	12Nm
Instantaneous maximum torque 瞬间最大转矩	20Nm
Recommended load/建议负载	单轮(Single Wheel): 50kg 双轮(Two Wheels): 150kg
Rated speed/额定转速	240RPM
Rated phase current/额定相电流	12A
Poles/极对数	15对极 (15 pairs of poles)
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	橡胶 (Rubber)
Protection class/防护等级	IP53
Whether there is a single and double axis 是否有单双轴	单边出轴(Single shaft)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM65-300B-24241A1AE	36V 300W 12Nm 轮毂伺服电机 36V 300W 12Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

8英寸轮毂伺服电机

8 Inch Hub Wheel Servo Motor

8英寸轮毂伺服电机 8 inch hub wheel servo motor



功能特点 Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压36V
Rated voltage 36V



额定功率200W
Rated power 300W



单边轴
Single shaft



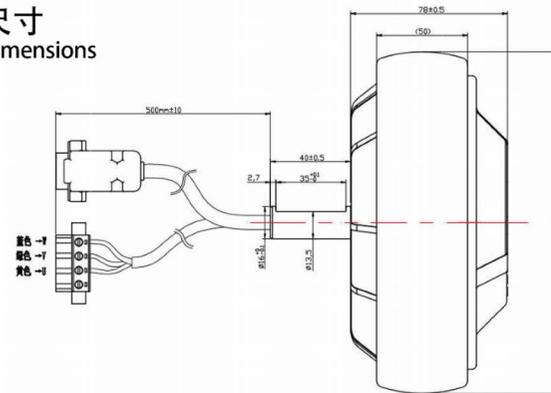
单轮负载50kg
双轮负载150kg
Single wheel load 50kg
Double wheel load 150kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM80-200B-22250A1AE
Diameter size/外径尺寸	200mm
weight/重量	4Kg
Rated voltage/额定电压	36V
Rated power/额定功率	200W
Rated torque/额定转矩	8Nm
Instantaneous maximum torque 瞬间最大转矩	16Nm
Recommended load/建议负载	单轮(Single Wheel): 50kg 双轮(Two Wheels): 150kg
Rated speed/额定转速	220RPM
Rated phase current/额定相电流	7A
Poles/极对数	15对极 (15 pairs of poles)
Encoder/编码器	1024 ABZ增量式(Incremental)
Tyre form (material)/轮胎形式 (材质)	橡胶实心胎(Rubber solid tires)
Protection class/防护等级	IP53
Whether there is a single and double axis 是否有单双轴	单边出轴 (Single shaft)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM80-200B-22250A1AE	36V 200W 8Nm 轮毂伺服电机 36V 200W 8Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

10英寸轮毂伺服电机

10 Inch Hub Wheel Servo Motor

10英寸轮毂伺服电机 10 inch hub wheel servo motor



功能特点 Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压48V
Rated voltage 48V



额定功率450W
Rated power 450W



单边轴
Single shaft



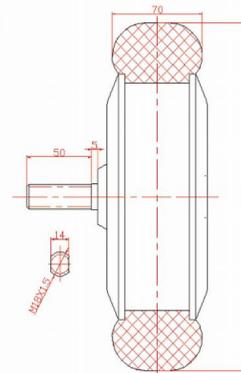
单轮负载70kg
双轮负载150kg
Single wheel load 70kg
Double wheel load 150kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM100-450C-20370A1BE
Diameter size/外径尺寸	255mm
weight/重量	3.1KG
Rated voltage/额定电压	48V
Rated power/额定功率	450W
Rated torque/额定转矩	40Nm
Instantaneous maximum torque /瞬间最大转矩	80Nm
Recommended load/建议负载	单轮(Single Wheel): 70kg 双轮(Two Wheels): 150kg
Rated speed/额定转速	200±10rpm
Rated phase current/额定相电流	10A
Poles/极对数	20对极 (20pairs of poles)
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	橡胶(Rubber)
Protection class/防护等级	IP65
Whether there is a single and double axis 是否有单双轴	单边出轴 (Single shaft)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM100-450C-20370A1BE	48V 450W 10A 40Nm 轮毂伺服电机 48V 450W 10A 40Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

12.5英寸轮毂伺服电机

12.5 Inch Hub Wheel Servo Motor

12.5英寸轮毂伺服电机 12.5 inch hub wheel servo motor



功能特点

Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压48V
Rated voltage 48V



额定功率600W
Rated power 600W



单边轴
双边轴可选
Single-sided shaft
Double-sided shaft optional



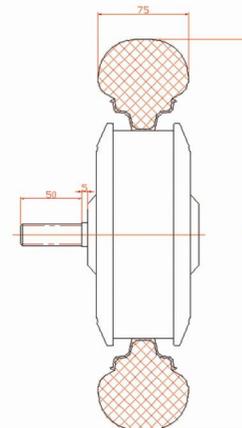
单轮负载150kg
双轮负载300kg
Single wheel load 150kg
Double wheel load 300kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM125-600C-20375A1BE
Diameter size/外径尺寸	320mm
Rated voltage/额定电压	48V
Rated power/额定功率	600W
Rated torque/额定转矩	20Nm
Instantaneous maximum torque/瞬间最大转矩	40Nm
Poles/极对数	20对极 (20 pairs of poles)
Rated speed/额定转速	200RPM
Rated phase current/额定相电流	10A
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	橡胶带减震孔(Rubber band shock absorbing hole)
Protection class/防护等级	IP65
Whether there is a single and double axis 是否有单双轴	双轴 单轴 (Dual Axis Single Axis)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM125-600C-20375A1BE	48V 600W 20Nm 轮毂伺服电机 48V 600W 20Nm hub wheel servo motor

嘉昱电控国际化
Jiayu Electric Control Internationalization

14英寸轮毂伺服电机

14 Inch Hub Wheel Servo Motor

14英寸轮毂伺服电机 14 inch hub wheel servo motor



功能特点 Product advantages



轮毂伺服电机
Hub wheel servo motor



1024线编码器
1024 line encoder



额定电压24V
Rated voltage 24V



额定功率200W
Rated power 200W



单边轴
Single shaft



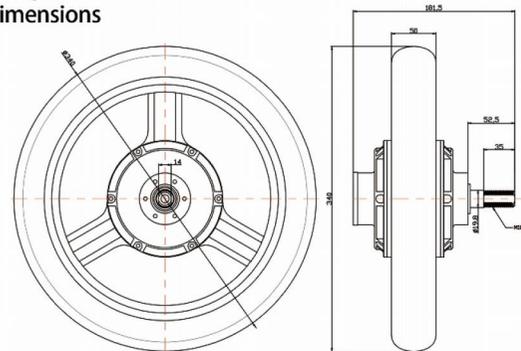
单轮负载70kg
双轮负载150kg
Single wheel load 70kg
Double wheel load 150kg

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	SHM140-200A-20250A1AE
Diameter size/外径尺寸	340mm
weight/重量	4KG
Rated voltage/额定电压	24V
Rated power/额定功率	200W
Rated torque/额定转矩	6Nm
Instantaneous maximum torque/瞬间最大转矩	14Nm
Recommended load/建议负载	单轮(Single Wheel): 70kg 双轮(Two Wheels): 150kg
Rated speed/额定转速	200 ± 10rpm
Poles/极对数	15对极 (15 pairs of poles)
Encoder/编码器	1024
Tyre form (material)/轮胎形式 (材质)	橡胶(Rubber)
Protection class/防护等级	IP54
Whether there is a single and double axis/是否有单双轴	单边出轴(Single shaft)

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
SHM140-200A-20250A1AE	24V 200W 6Nm 轮毂伺服电机 24V 200W 6Nm hub wheel servo motor

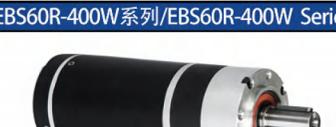
嘉昱电控国际化
Jiayu Electric Control Internationalization

伺服减速电机产品介绍

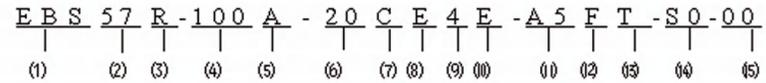
Servo geared motor product introduction

● 伺服减速电机

Servo Geared Motors

EBS50R-75W系列/EBS50R-75W Series	伺服减速电机/Servo Geared Motor
	<ul style="list-style-type: none"> ● 额定电压24V,额定功率75W Rated voltage 24V, rated power 75W ● 圆形法兰,多摩川17位单圈绝对值编码器反馈 Round flange, Tamagawa 17-bit single-turn absolutely encoder ● 拥有1:38.5, 1:16, 减速比可选 With 1:38.5, 1:16, reduction ratio can be selected ● 体积小,过载能力强。 Small volume and high overload capacity.
	<ul style="list-style-type: none"> ● 额定电压24V,额定功率60W Rated voltage 24V, rated power 60W ● 圆形法兰,多摩川17位单圈绝对值编码器反馈 Round flange, Tamagawa 17-bit single-turn absolutely encoder ● 拥有1:49, 1:38.5, 1:16, 减速比可选 With 1:49, 1:38.5, 1:16 reduction ratio available ● 体积小, 过载能力强。 Small volume and high overload capacity.
	<ul style="list-style-type: none"> ● 额定电压24V,额定功率100W Rated voltage 24V, rated power 100W ● 圆形法兰,多摩川17位单圈绝对值编码器反馈 Round flange, Tamagawa 17-bit single-turn absolutely encoder ● 拥有1:38.5, 1:22, 减速比可选 With 1:38.5, 1:22 reduction ratio available ● 体积小, 过载能力强。 Small volume and high overload capacity.
	<ul style="list-style-type: none"> ● 额定电压24V,额定功率100W Rated voltage 24V, rated power 100W ● 圆形法兰,多摩川17位单圈绝对值编码器反馈 Round flange, Tamagawa 17-bit single-turn absolutely encoder ● 拥有1:38.5, 1:22, 1:16, 1:5.5, 减速比可选 With 1:38.5, 1:22, 1:16, 1:5.5 reduction ratio available ● 体积小, 过载能力强。 Small volume and high overload capacity.
	<ul style="list-style-type: none"> ● 额定电压48V,额定功率400W Rated voltage 48V, rated power 400W ● 圆形法兰,多摩川17位单圈绝对值编码器反馈 Round flange, Tamagawa 17-bit single-turn absolutely encoder ● 拥有1:38.5, 1:22, 减速比可选 With 1:38.5, 1:22, reduction ratio optional ● 体积小,过载能力强。 Small size and high overload capacity.

嘉昱电机命名规则



- 1 系列代号:
EBS = 中惯量伺服电机
- 2 机座号:
用三位数字或两位数字表示电机机座号。
例: 57表示机座号为57MM; 80表示机座号为80MM。
- 3 表示电机形状:
R表示圆形, F表示方形 ZF表示转角
- 4 输出功率:
用三位数字或两位数字(中间加字母K)表示电机的输出功率。
例: 30表示30W, 100表示输出功率为100W, 1K5表示输出功率为1500W。
- 5 电压等级:
用一位字母表示电压等级。
A=24V级 B=36V级 C=48V级 D=60V级
E=72V级 F=100V级 G=220V级 H=380V级 L=18V

- 6 额定转速:
用两位数字表示, 额定转速=表示的两位数×100, 字母代表×10, 单位为转/分(RPM)
例: 01表示100转/分, 20表示2000转/分, 1A代表110转/分, 1B代表120转/分
- 7 编码器类型:
C: 1000线标准增量式 D: 2500线标准增量式 J: 2500线ABZ编码器
T1: 多摩川绝对值17位(单圈) T2: 多摩川17位绝对值多圈 T3: 多摩川23位单圈绝对值
T4: 多摩川23位多圈绝对值 T5: 多圈绝对值20位多圈绝对值 T6: 单圈光编 B: BISS绝对值 HF: HIPERFACE X: 线性霍尔;
R1: 单极旋变; R2: 多极旋变 M: 多摩川绝对值(多圈) HL: 开关霍尔 N: 无

8 轴类型:
用一位字母表示

选项代号	无密封 无制动器	无密封 有制动器	有密封 无制动器	有密封 有制动器
扁轴(带螺孔固定孔)	A	B	C	D
键槽	E	F	G	H
键槽(带螺孔固定孔)	P	Q	R	S
扁轴	I	J	K	L
六角轴	M	N	T	U

- 9 极对数:
用一位数字或者字母表示。
2表示2对极, 3表示3对极, 4表示4对极, F表示50对极。
- 10 减速比:
用一位字母表示。

减速比	M	A	B	C	D	E	F	G	H	J	K	I	L
1:1.5	1:0.63	1:30	1:15	1:18	1:20	1:25	1:30	1:32	1:50	1:64	1:18.2	1:1.1	3
1:40	1:30	1:20	1:16	1:45	1:30	1:49	1:22	1:176	1:63	1:54	1:95	1:1.1	

- 12 线长:
用一位字母表示。
- | 字母 | H | I | J | B | F | R | C | E | A | K | G | L |
|-------------|------|------|------|------|------|------|-----|-----|-----|-----|----|-----|
| 线长度
(mm) | 2100 | 2000 | 1600 | 1500 | 1900 | 1000 | 600 | 500 | 400 | 300 | 30 | 550 |

- 14 特殊定制: (说明书中请去掉特殊定制)
ST: 标准品 (HDB15头) S0: 编码器小头 S1: AMP头
ZN: 无Z信号 Z0: 角度值0 Z9: 角度值90 HK: 航空插头
S2: ELP-9V NO: 不带编码器
- 15 预留位
00: 标准品

- 11 工艺:
用一位字母加一位数字表示。
A5: 预留 B5: 预留
注: 字母A代表垂直出线, 字母B代表侧面出线。
- 13 使用环境温度:
T: 常温版(使用环境: 0~45°C)
L: 低温版(使用环境: -25°C~55°C)
S: 超低温(使用环境: -40°C~70°C)
H: 高温版(使用环境: -25°C~80°C)

EBS50R通用伺服减速电机

EBS50R Universal Servo Geared Motor

EBS50R -75W



功能特点

Product advantages



额定电压24V
Rated voltage 24V



17位单圈绝对值
17-bit single-turn absolute encoder



圆形法兰
Round flange



体积紧凑
Compact size



安装简便
Easy installation



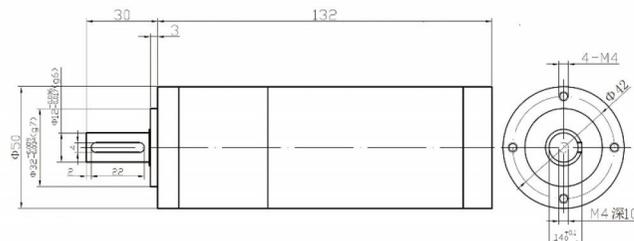
过载能力强
High overload capacity

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS50R-75A-30T1E2P-BAEL-ST-00	EBS50R-75A-30T1E2R-BAEL-ST-00
Rated Voltage/额定电压	24V	24V
Rated power/额定功率	75W	75W
Rated speed/额定转速	3000rpm	3000rpm
Reduction ratio/减速比	38.5	16
Rated torque/额定扭矩	8.5Nm	3.5Nm
Maximum output torque/最大输出扭矩	13Nm	5Nm
Instantaneous output torque/ 瞬间输出扭矩	17Nm	7Nm
Motor current/电机电流	6A	6A
Feedback type/反馈类型	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)
Diameter/直径	50mm	50mm
Flange/法兰 (方形/圆形)	圆型(Round)	圆型(Round)
Motor inertia/电机惯性	0.161Kgcm ²	0.161Kgcm ²
Radial force/径向受力	300Nm	300Nm

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
EBS50R-75A-30T1E2P-BAEL-ST-00	75W 38.5 减速比(Reduction ratio)
EBS50R-75A-30T1E2R-BAEL-ST-00	75W 16 减速比(Reduction ratio)

嘉昱电控国际化
Jiayu Electric Control Internationalization

EBS60R通用伺服减速电机

EBS60R Universal Servo Gear Motor

EBS60R-60W



功能特点 Product advantages



额定电压24V
Rated voltage 24V



17位单圈绝对值
17-bit single-turn absolute value



圆形法兰
Round flange



体积紧凑
Compact size



安装简便
Easy installation



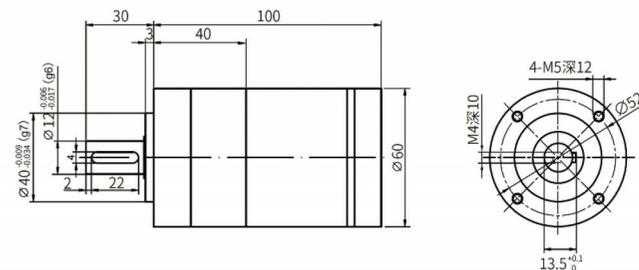
过载能力强
High overload capacity

嘉昱电控国际化
Jiayu Electric Control Internationalization

规格参数 Specification

Model Name/型号	EBS60R-60A-30T1E2O-BAEL-ST-00	EBS60R-60A-30T1E2P-BAEL-ST-00	EBS60R-60A-30T1E2R-BAEL-ST-00
Rated Voltage/额定电压	24V	24V	24V
Rated power/额定功率	60W	60W	60W
Rated speed/额定转速	3000rpm	3000rpm	3000rpm
Reduction ratio/减速比	49	38.5	16
Rated torque/额定扭矩	8.6Nm	6.7Nm	2.8Nm
Maximum output torque/最大输出扭矩	13Nm	10Nm	4.5Nm
Instantaneous output torque/ 瞬间输出扭矩	18Nm	14Nm	6Nm
Motor current/电机电流	3.5A	3.5A	3.5A
Feedback type/反馈类型	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)
Diameter/直径	60mm	60mm	60mm
Flange/法兰 (方形/圆形)	圆形(Round)	圆形(Round)	圆形(Round)
Motor inertia/电机惯性	0.1Kgcm ²	0.1Kgcm ²	0.1Kgcm ²
Radial force/径向受力	300Nm	300Nm	300Nm

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
EBS60R-60A-30T1E2O-BAEL-ST-00	60W 49减速比(Reduction ratio)
EBS60R-60A-30T1E2P-BAEL-ST-00	60W 38.5减速比(Reduction ratio)
EBS60R-60A-30T1E2R-BAEL-ST-00	60W 16减速比(Reduction ratio)

嘉昱电控国际化
Jiayu Electric Control Internationalization

EBS60R通用伺服减速电机

EBS60R Universal Servo Gear Motor

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drivers

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速电机
Servo Geared Motors

市场案例分享
Market Case Sharing

EBS60R - 100W



功能特点 Product advantages



额定电压24V
Rated voltage 24V



17位单圈绝对值
17-bit single-turn absolute value



圆形法兰
Round flange



体积紧凑
Compact size



安装简便
Easy installation



过载能力强
High overload capacity

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drivers

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

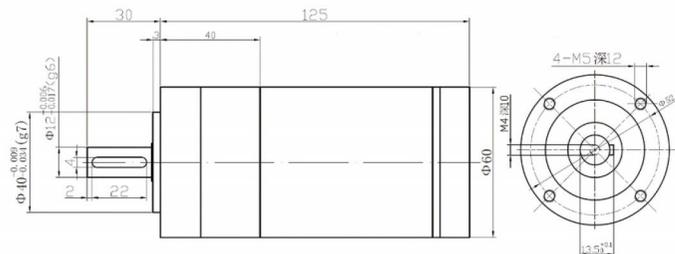
伺服减速电机
Servo Geared Motors

市场案例分享
Market Case Sharing

规格参数 Specification

Model Name/型号	EBS60R-100A-30T1 E2P-BAEL-ST-00	EBS60R-100A-30T1 E2U-BAEL-ST-00
Rated Voltage/额定电压	24V	24V
Rated power/额定功率	100W	100W
Rated speed/额定转速	3000rpm	3000rpm
Reduction ratio/减速比	38.5	22
Rated torque/额定扭矩	12Nm	6.6Nm
Maximum output torque/最大输出扭矩	18Nm	10Nm
Instantaneous output torque/ 瞬间输出扭矩	24Nm	13Nm
Motor current/电机电流	7A	7A
Feedback type/反馈类型	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)
Diameter/直径	60mm	60mm
Flange/法兰 (方形/圆形)	圆形(Round)	圆形(Round)
Motor inertia/电机惯性	0.161Kgcm ²	0.161Kgcm ²
Radial force/径向受力	300Nm	300Nm

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
EBS60R-100A-30T1 E2P-BAEL-ST-00	100W 24V 38.5减速比(Reduction ratio)
EBS60R-100A-30T1 E2U-BAEL-ST-00	100W 24V 22减速比(Reduction ratio)

嘉昱电控国际化
Jiayu Electric Control Internationalization

EBS60R通用伺服减速电机

EBS60R Universal Servo Gear Motor

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速电机
Servo Geared Motors

市场案例分享
Market Case Sharing

公司介绍
Company Profile

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal Servo Motors

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速电机
Servo Geared Motors

市场案例分享
Market Case Sharing

EBS60R -200W



功能特点 Product advantages



额定电压24V
Rated voltage 24V



17位单圈绝对值
17-bit single-turn absolute encoder



圆形法兰
Round flange



体积紧凑
Compact size



安装简便
Easy installation

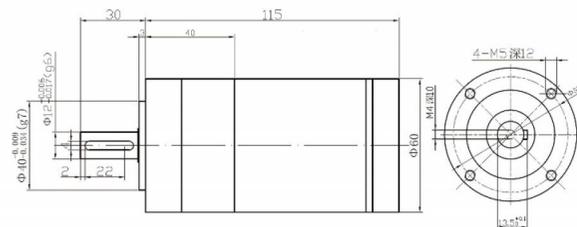


过载能力强
High overload capacity

规格参数 Specification

Model Name/型号	EBS60R-200A-30T1E4P-BAEL-ST-00	EBS60R-200A-30T1E4U-BAEL-ST-00	EBS60R-200A-30T1E4R-BAEL-ST-00	EBS60R-200A-30T1E4I-BAEL-ST-00
Rated Voltage/额定电压	24V	24V	24V	24V
Rated power/额定功率	200W	200W	200W	200W
Rated speed/额定转速	3000rpm	3000rpm	3000rpm	3000rpm
Reduction ratio/减速比	38.5	22	16	5.5
Rated torque/额定扭矩	24Nm	12Nm	9.6Nm	3.4Nm
Maximum output torque/ 最大输出扭矩	36Nm	18Nm	14Nm	5Nm
Instantaneous output torque/ 瞬间输出扭矩	48Nm	24Nm	19Nm	7Nm
Motor current/电机电流	11A	11A	11A	11A
Feedback type/反馈类型	多摩川17位单圈绝对值 (Tamagawa 17-bit single-turn absolutely encoder)			
Diameter/直径	60mm	60mm	60mm	60mm
Flange/法兰 (方形/圆形)	圆形(Round)	圆形(Round)	圆形(Round)	圆形(Round)
Motor inertia/电机惯性	0.128Kgcm ²	0.128Kgcm ²	0.128Kgcm ²	0.128Kgcm ²
Radial force/径向受力	300Nm	300Nm	300Nm	300Nm

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
EBS60R-200A-30T1E4P-BAEL-ST-00	24V 38.5减速比(Reduction ratio)
EBS60R-200A-30T1E4U-BAEL-ST-00	24V 22减速比(Reduction ratio)
EBS60R-200A-30T1E4R-BAEL-ST-00	24V 16减速比(Reduction ratio)
EBS60R-200A-30T1E4I-BAEL-ST-00	24V 5.5减速比(Reduction ratio)

EBS60R通用伺服减速电机

EBS60R Universal Servo Gear Motor

EBS60R -400W



功能特点 Product advantages



额定电压24V
Rated voltage 24V



17位单圈绝对值
17-bit single-turn
absolute value



圆形法兰
Round flange



体积紧凑
Compact size



安装简便
Easy installation

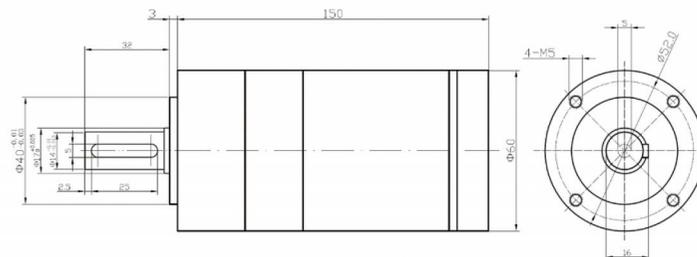


过载能力强
High overload capacity

规格参数 Specification

Model Name/型号	EBS60R-400C-30T1E4P-BAEL-ST-00	EBS60R-400C-30T1E4U-BAEL-ST-00
Rated Voltage/额定电压	48V	48V
Rated power/额定功率	400W	400W
Rated speed/额定转速	3000rpm	3000rpm
Reduction ratio/减速比	38.5	22
Rated torque/额定扭矩	50Nm	28Nm
Maximum output torque/最大输出扭矩	75Nm	45Nm
Instantaneous output torque/ 瞬间输出扭矩	100Nm	56Nm
Motor current/电机电流	10A	10A
Feedback type/反馈类型	多摩川17位单圈绝对值 (Tamura 17-bit single-turn absolutely encoder)	多摩川17位单圈绝对值 (Tamura 17-bit single-turn absolutely encoder)
Diameter/直径	60mm	60mm
Flange/法兰 (方形/圆形)	圆形(Round)	圆形(Round)
Motor inertia/电机惯性	0.276Kgcm ²	0.276Kgcm ²
Radial force/径向受力	500Nm	500Nm

尺寸 Dimensions



Order code/订货号

型号/Model	信息/Information
EBS60R-400C-30T1E4P-BAEL-ST-00	48V 400W 38.5减速比(Reduction ratio)
EBS60R-400C-30T1E4U-BAEL-ST-00	48V 400W 22减速比(Reduction ratio)

嘉昱自动化产品案例 Market Case Sharing

公司介绍
Company Profile

● 送餐机器人 Food delivery robot

通用伺服驱动器
Universal Servo Drives



送餐机器人
(杭州某酒店)
Food delivery robot
(A hotel in Hangzhou)

通用伺服电机
Universal servo motors

● 舵轮 Steering Wheel



东莞某品牌
AGV 舵轮
A manufacturer of AGV
steering wheel in Dongguan

行星减速机
Planetary Reducer

● 自动售药机 Automatic drug vending machine



自动售药机
(深圳南山某药店)
Automatic drug
vending machine
(A store in
Nanshan, Shenzhen)

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

嘉昱电控国际化
Jiayu Electric Control Internationalization

公司介绍
Company Profile

● 巡检机器人 Inspection robots



巡检机器人
(上海某自动化公司)
Inspection robot
(A Shanghai
automation
company)

通用伺服驱动器
Universal Servo Drives

通用伺服电机
Universal servo motors

● 服务机器人 Service Robot



服务机器人
(苏州某酒店)
Service Robot
(A hotel in Suzhou)

行星减速机
Planetary Reducer

轮毂伺服电机
Wheel Servo Motor

伺服减速机
Servo Geared Motors

市场案例分享
Market Case Sharing

● 物流传送带 Logistics Conveyor Belt



物流传送带
(深圳南山某快递驿站)
Logistics
conveyor belt
(A courier post in
Nanshan, Shenzhen)

嘉昱电控国际化
Jiayu Electric Control Internationalization