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杰牌智能传动工业园



杰牌始创于1988年,坚持100年做好一台减速机,匠心打造齿轮行业百年企业。

杰牌减速机、电动机、变频器、传感器、物联网等智能传动方案,立足中国市场、服务全球市场。

杰牌坚持“专业化、智能化、全球化”发展规划,致力于智能工厂、智能产品、智能服务、智能体验、智能人才等产业大脑和未来工厂应用场景的创新与实践。

杰牌智能传动方案提供商!

Established in 1988, JIE has been insisting on manufacturing a great reducer in 100 years, aiming to build a century-old enterprise with its craftsmanship.

JIE serves global market with intelligent drive solutions incl. gear units, motors, inverters, sensors and Internet of Things. JIE is committed to providing great products for great partners across the world.

With the core strategy of "Specialization, Intelligence and Globalization", JIE is dedicated to the innovation and practice of Industrial Brain and Future Factory combined with intelligent plants, intelligent products, intelligent services, intelligent experiences, intelligent talents, etc.

JIE, a provider of Intelligent Drive Solutions!

JIE
JD DRIVE

杭州杰牌传动科技有限公司
HANG ZHOU JIE DRIVE TECHNOLOGY CO.,LTD.

地址 Add: 中国杭州萧山·杭州空港经济区·杰牌路1号 邮编: 311223
No.1, JIE Road, Hangzhou Airport Economic Zone, Xiaoshan,
311223, Hangzhou, P.R. China

热线 Tel: +86 571 8299 1111 400 114 1111

总机 Call Center: +86 571 8299 2222

传真 Fax: +86 571 8299 3333

邮箱 E-mail: jie@jie.com.cn

网址 Web: www.jie.com.cn www.jiedrive.com

JIE USA, INC.

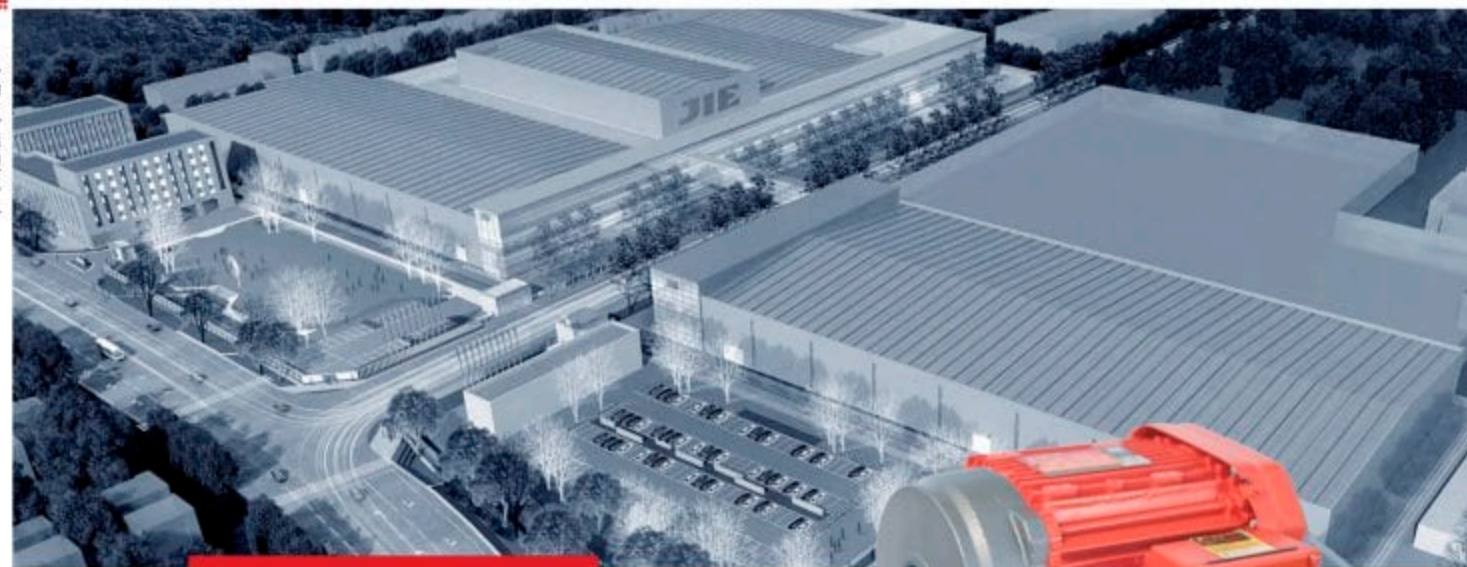
Add : 493 Mission St. Carol Stream IL 60188 USA

Tel : +1 630 580 9986

E-mail: info@jie-drives.com

Web : www.jie-drives.com

电动机选型手册



杰牌传动
JIE DRIVE



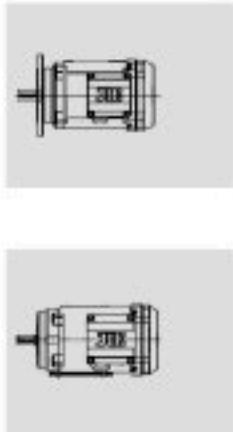
JD 电动机
JD Motors

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Excellence From Expertise

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二. 产品图片 Product Pictures



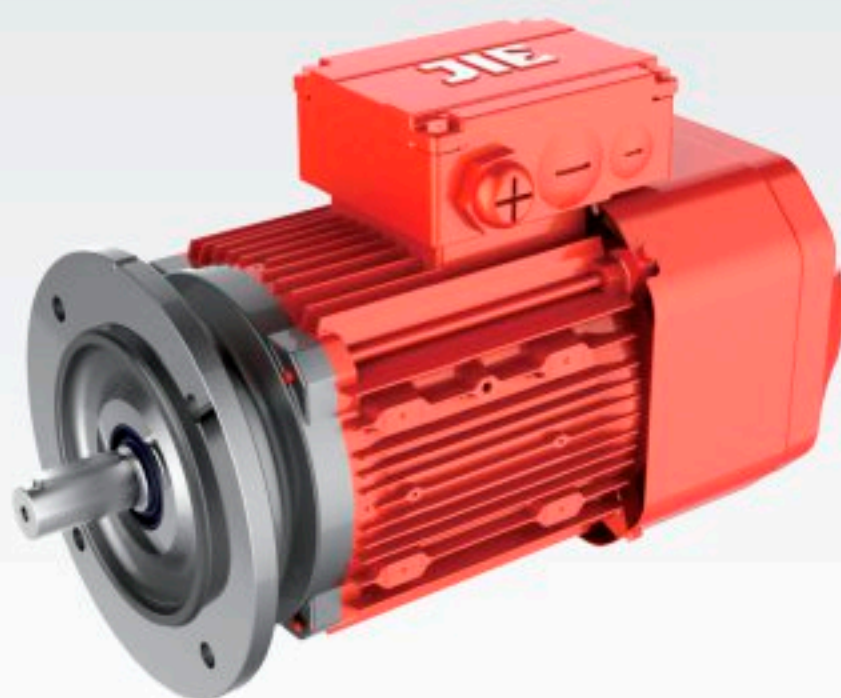
JD...-E



JD...-P



JD...-BE



其它 Others



三. 产品说明

Product Description

杰牌JD电动机，拥有自主知识产权，产品具有外观美、低噪音、重量轻、快交付和智能化等亮点，包括IEC电机、带制动电机、变频电机、NEMA电机等全系列产品。

杰牌JD电动机，通过完整产品策划与设计 and 全价值链精益生产最优方案实施，推进精益生产、建设智能工厂，实现研产供销服一体化，以满足客户对快速响应的需求。

杰牌JD电动机，遵循模块化和最优化设计理念，全系列产品包括B3、B5、B35、B14等安装型式，同时支持独立风机、制动器、逆止器、编码器、变频器等的模块化组合与集成，产品颜色为RAL7031，并接单包装，可根据客户需要进行个性化的设计与制造。

杰牌为全球好客户做好产品，杰牌智能传动方案提供商！

JD motor with independent intellectual property rights. It has beautiful appearance, featured with low noise and light weight, which is intelligent and fast in delivery. It includes IEC standard motor, Brake motor, Frequency control motor and NEMA standard motor.

JD motor promotes lean production, builds intelligent factories, and realizes the integration of research, production, supply, marketing and service, so as to meet customers' demand for rapid response through complete product planning and design such as "core product-extreme technology, peripheral product-extreme service, external product-extreme experience" and the implementation of the optimal plan of lean production in the whole value chain such as "product planning, design validation, processing test, assembly test, warehouse logistics, sales service, information system, HR, operation plan, strategy planning".

JD motor follows the concept of modular and optimized design. The whole-series product includes B3, B5, B35 and B14 installation types. At the same time, it supports the modular combination and integration of independent fan, brake, backstop, encoder, inverter, with standard painting color RAL7031 & packed based on order. And available for customized base on customer requirement.

JIE is committed to providing great products for great partners across the world, JIE Intelligent Drive Solutions Provider.

1. 产品性能特点

1. Characteristic Features

输出功率和转矩 Output Power and Torque

选型表中所列的电机功率供选型使用。然而，与所要求的输出转速相对应的输出转矩在应用时是不可缺少的，并且必须要校核检查。

The motor power listed in the selection table is for selection. However, the output torque corresponding to the required output speed is indispensable in application and must be checked.

速度 Speed

标出的电机的输出转速是参考值。实际输出速度与电机的负载和电源条件有关。

The output speed of the motor marked is a reference value. The actual output speed is related to the motor load and power supply conditions.

通风和检查 Ventilation

电机/制动电机安装是在轴向和径向应留有足够的空间，便于空气流通及制动器的维护。请参考相关电机尺寸表中的注释。
The installation in the axial and radial should have enough spaces to facilitate the flow of air and maintenance. Please refer to the remarks in the motor dimensions.

制动电机 Brake motor

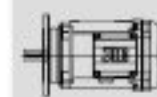
根据要求杰牌电机可安装集成式机械制动器。请参考该文档的“制动器及其附件”章节。

According to the requirements of JIE motor integrate mechanical brake. Please refer to the JIE brake and its accessories manual.

变频控制 Frequency Control

JDN/JDU电机可以通过变频器控制。

JDN/JDU motor can be controlled by inverter.



2. 型号说明

Model Description

J D N 90 L 4 - IEC - B3 - 0° - N - BE-TF-TH-U-RS-Z-C-V-E-STH-RI-2WE-DH

1 2 3 4 5 6 7 8 9 10 11

1 企业代码 J- 杰牌传动	2 产品代码 D-电动机	3 能效等级 N-3级能效 (IE3) U-2级能效 (IE4)	4 机座号 63-315	5 机座长度 S - 短 M - 中 L - 长 H - 超长
6 极数 2、4、6极	7 电机类型 P-配减电机 IEC-IEC标准电机 NEMA-NEMA电机	8 安装方式 B3-IMB3 B5-IMB5 B14-IMB14 B35-IMB35等	9 接线盒位置 0° 90° 180° 270°	10 电缆接口位置 N、①、②、③
11 附件信息 (位置不分先后) BE-制动器 TF-温度传感器 TH-恒温器保护装置 PT-温度传感器 U-无通风设计 (无风扇) RS-逆止器 Z-高惯量飞轮 C-防雨罩 V-强冷风机 (变频) E-编码器 STH-电加热带 RI-加强绝缘 DH-冷凝排水孔 2WE-后出轴				

1 Enterprise code J-JIE Drive	2 Product code D-Motor	3 Energy efficiency index N-level3 (IE3) U-level2 (IE4)	4 Frame sizes 63-315	5 Core length S - Short M - Medium L - Long H - High
6 Poles 2、4、6 poles	7 Mounting positions P-Reduction motor IEC-IEC motor NEMA-NEMA motor	8 Installation method B3-IMB3 B5-IMB5 B14-IMB14 B35-IMB35etc	9 Terminal box position 0° 90° 180° 270°	10 Cable interface position N、①、②、③
11 Attachment information (No sequence) BE- Brake TF-Temperature TH-Thermostat protection device PT-Temperature sensors U-Non-ventilated(No fan) RS-Backstop Z-Additional flywheel C-Protection cowl V-Forced cooling fan E-Encoder STH-Electric heating RI-Reinforced insulation DH-Condensation drain holes 2WE-Rear shaft of the motor				

3. 电机型号说明 Model Description

电动机能效 Energy efficiency

表1/Table 1

型号/Type	描述/Description
JDN63S-315H	IEC60034-IE3, 3级能效(Energy efficiency level 3)GB18613-2020
JDU63S-315H	IEC60034-IE4, 2级能效(Energy efficiency level 2)GB18613-2020

安装形式 Mounting arrangement

表2/Table 2

型号/Type	描述/Description
B3	IEC地脚安装电机 (功率等级设计不符合 IEC标准时需描述中心高) IEC ground mounting motor (when the power level design does' t meet the IEC standard should describe the height of the center)
B5	IEC法兰安装电机光孔连接 IEC flange mounting motor light hole connection
B14	IEC法兰安装电机螺纹孔连接 IEC flange mounting motor threaded hole connection
B35	IEC法兰 (光孔连接) 地脚安装 (功率等级设计不符合 IEC标准时需描述中心高) IEC flange (light hole connection) to the foot installation (when the power level design does' t meet the IEC standard should describe the height of the center)

注: 具体尺寸请参照电机外形尺寸表 Note: Please refer to the motor size table for specific dimensions

制动器 Brake

表3/Table 3

型号/Type	描述/Description
BE	制动器/Brake
HR	手柄释放/Handle release
HF	螺钉释放/Screw release

温度传感器/温度检测 Temperature sensor / temperature detection

表4/Table 4

型号/Type	描述/Description
TF	温度传感器 (PTC热敏电阻保护) Temperature sensor (PTC thermistor protection)
TH	恒温保护装置 (双金属片开关) Thermostat protection device (bimetal switch)
PT	1个或3个PT100温度传感器 One or three PT100 sensors

编码器 Encoder

表5/Table 5

型号/Type	描述/Description
E	RS422 (带反相信号) 5VDC供电 RS422 (With reverse signal) 5VDC powered by RS422 (带反相信号) 10-30VDC供电 RS422 (With reverse signal) 10-30VDC powered by 推挽HTL (带反相信号) 10-30VDC供电 HTL (With reverse signal) 10-30VDC powered by 推挽HTL (无反相信号) 10-30VDC供电 HTL (No reverse signal) 10-30VDC powered by NPN集电极开路输出 10-30VDC供电 NPN 10-30VDC powered by

注: 客户若有其他需求, 请与杰牌公司联系 Note: If you have any other requirements, please contact JIE

