



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。

木糖坚持“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。

本樓智能傳動方案提供商!

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!



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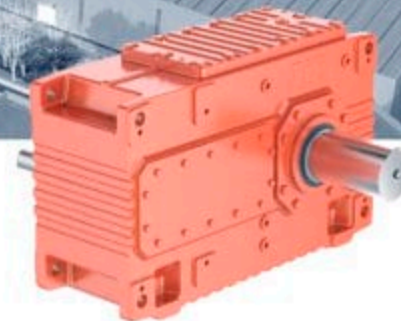
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杰牌传动
JIE DRIVE



JRH 工业齿轮箱
JRH Industrial Gear Units

因专业 而杰出
Excellence From Expertise

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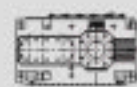
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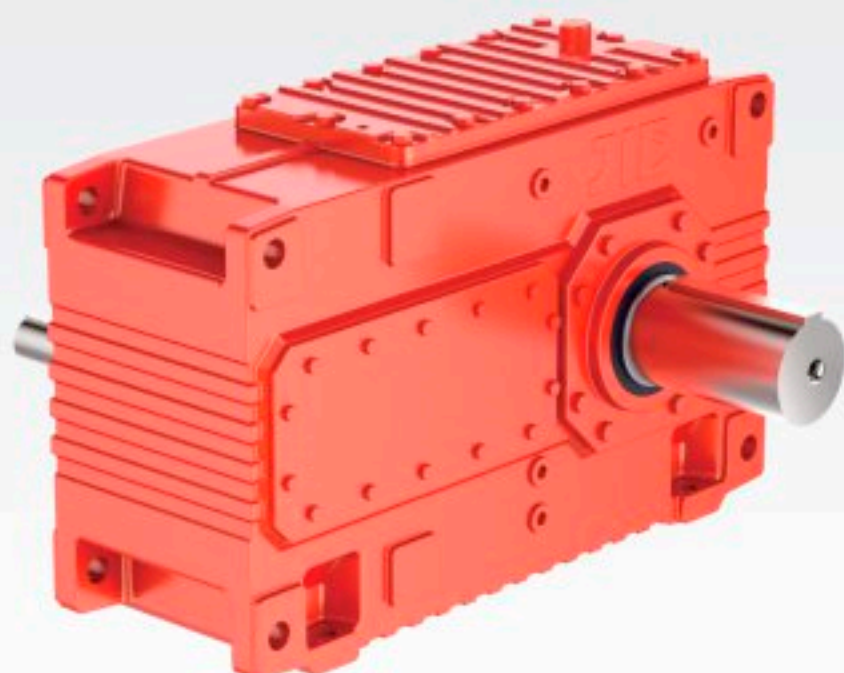
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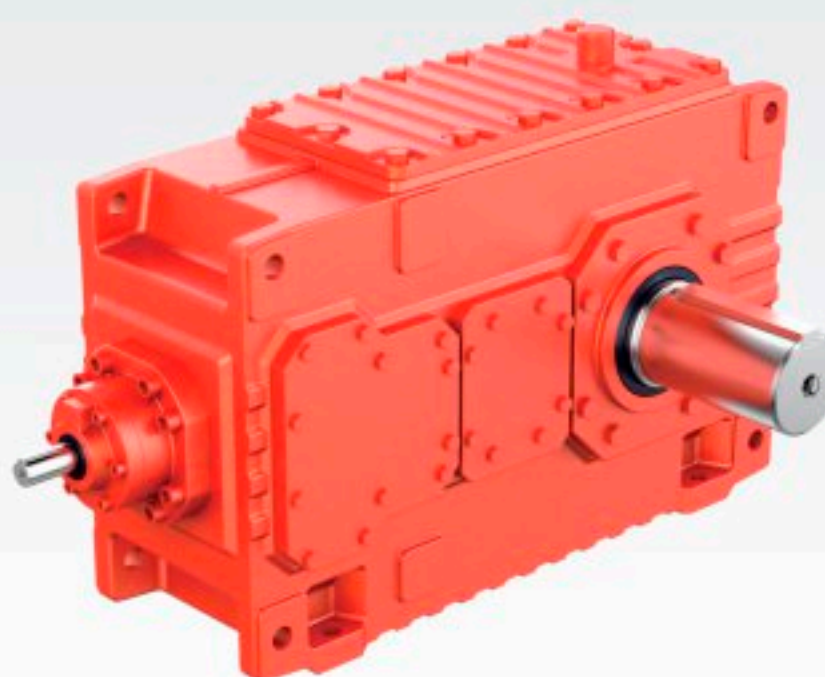
二. 产品图片 Product Pictures



JRHH...SH



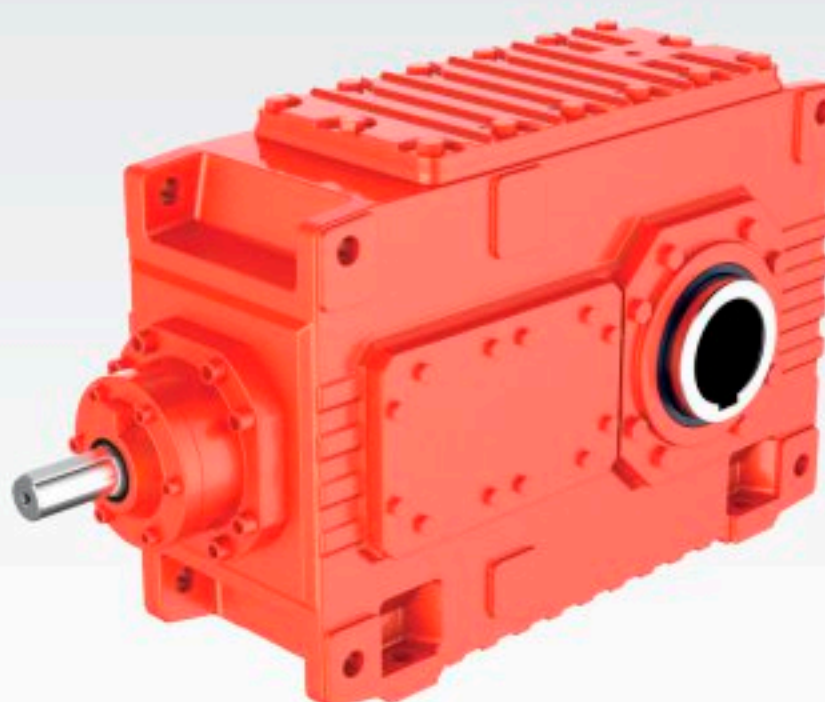
JRHB...SH



JRHH...HH



JRHB...HH



三. 产品说明

Product Description

杰牌JRH工业齿轮箱，拥有自主知识产权，产品具有长寿命、低噪音、不漏油、轻量化和智能化等亮点，包括JRHH平行轴齿轮箱、JRHB直交轴齿轮箱等全系列产品。

杰牌JRH工业齿轮箱，通过完整产品策划与设计和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JRH工业齿轮箱，遵循模块化和最优化设计理念，全系列产品包括单实心轴输入、双实心轴输入、IEC电机法兰输入，单实心轴输出、双实心轴输出、空心轴输出、带胀紧盘空心轴输出，卧式安装、立式安装、扭矩臂安装等多种输入接口、输出模块和安装型式，同时支持多级减速机和不同型号规格减速机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。

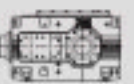
杰牌为全球好客户做好产品，杰牌智能传动方案提供商！

JRH industrial gear units has a long service life, low noise, no oil leakage, lightweight and able to attach intelligent monitoring systems to perform preventive maintenance. The range includes JRHH parallel shaft gear units, JRHB bevel helical gear units and other customer specific types of gear units.

JRH industrial gear units 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".

JRH industrial gear units has a modular and optimized design. The whole-series product comprises single solid shaft input, double solid shaft input, IEC motor input, single solid shaft output, double solid shaft output, hollow shaft output, hollow shaft with shrink disc output, horizontal installation, vertical installation, torque arm installation, and other input interfaces, output modules and installation types. This product supports the modular combination and integration of multi-stage gearbox with different types adapters, 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 Product Characteristics

设计

JRH工业齿轮箱采用全新设计，其独特的创新之处在于：

- 零部件种类减少，而规格型号增加；
- 运转可靠性提高，传动功率增大；
- 可采用性能卓越的非接触耐磨迷宫式密封；
- 可提供法兰盘式输出轴，使齿轮箱满足在狭小空间的安装要求（根据用户要求供货）。

如果用户提出要求，也可采用其它安装形式。

IEC电机法兰、齿轮箱浮动底座和扭矩臂装置均为产品的标准配置。

齿轮箱噪音特性

采用最新设计思想，通过以下途径改善齿轮箱噪音特性：

- 锥齿轮磨削工艺；
- 利用计算机程序，设计吸收噪音的箱体结构；
- 采用特大的齿面接触比。

齿轮箱散热

JRH工业齿轮箱不仅具有很高的传动效率，而且具有良好的散热性能，主要通过以下方案；

- 增大箱体的表面积；
- 可采用非接触迷宫式密封装置；
- 采用大风扇及新型导流风扇罩；
- 根据较低的最大允许油温设计杰牌齿轮箱。

Design

JIE parallel shaft and right angle gear housing adapt new design, the distinctive innovation is:

- Less parts type, more specification and models
- Higher reliability, bigger power rate
- Adapt outstanding non-contact anti-friction labyrinth type seal;
- Provide flange type output shaft, to match the installation requirement in the small space (according the requirement of customer)

Provide other installation type according the requirement of customer.

Provide the standard specification of flange、housing swing base and torque arm.

Noise identify

New design idea and improve the noise indentify through following solution:

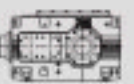
- Bevel gear grinding technics;
- MASAK computer software , to design the housing with the function of absorb the noise;
- Adapt the extra large engagement factor of gear;

Housing thermolysis

JIE gear box have not only the high efficiency but also the good thermolysis performance:

- Increase the surface of housing;
- Non-contact labyrinth type seal ;
- Adapt the big fan and new fan cover with flow deflector;
- According the lower and maximum allowable oil temperature to select the JIE gear box to increase the reliability by long oil exchanging period and reduce the maintenance cost.

2. 一般说明 General Information



注意事项

- 样本中的附图只属范例，并不具有约束力。杰牌保留变更尺寸的权利。
- 所注重量仅为平均值，并不具有约束力。
- 为防止意外事故发生，所有旋转部件均应按照使用者所在国家和地区的安全规范由购置方加罩保护。
- 试车之前必须认真阅读操作说明。齿轮箱在供货时已处于准运行状态，运行前需加注润滑油。
- 样本中所示注油量只作为参考值，实际注油量应以油尺上的标记为准。
- 润滑油粘度应符合齿轮箱铭牌上的数据。
- 齿轮箱在供货时已配置了径向轴封。如果需要其他类型的轴封请咨询杰牌。
- 转动方向是指面向输出轴时输出轴 d_2 的转动方向。

在尺寸图上所使用的符号说明如下：

-  =油尺
-  =通气孔
-  =放油孔
-  =加油孔

Attention

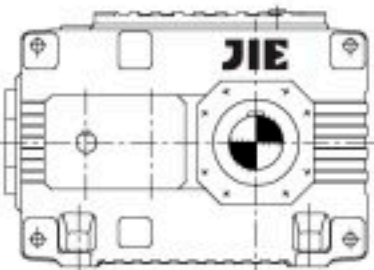
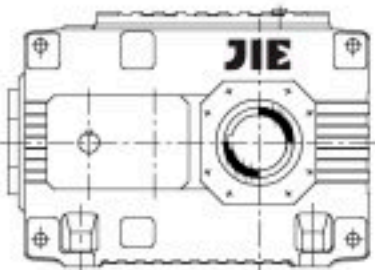
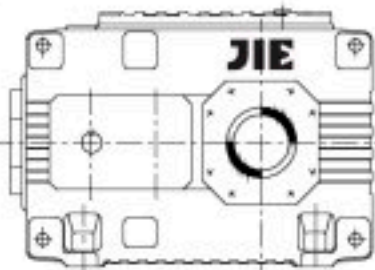
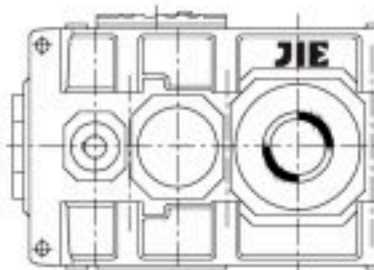
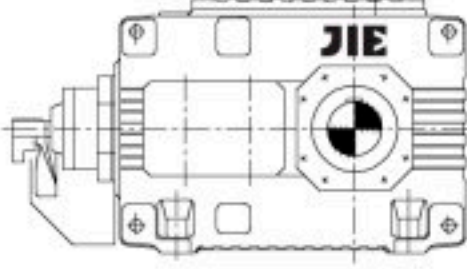
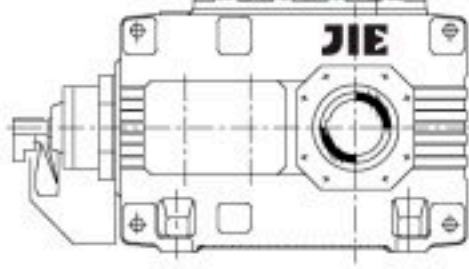
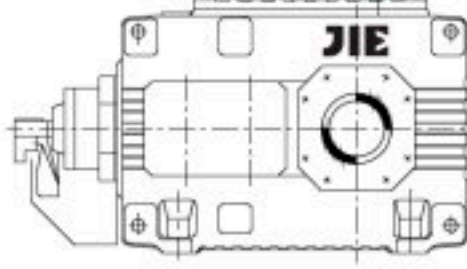
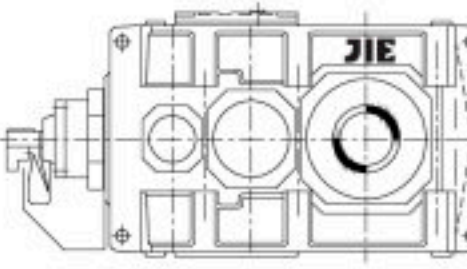
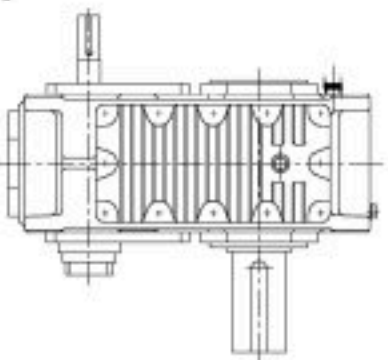
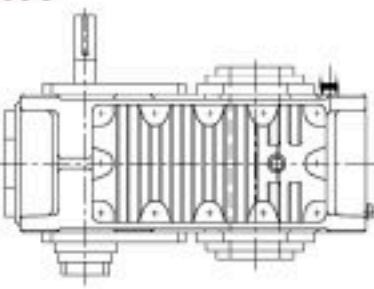
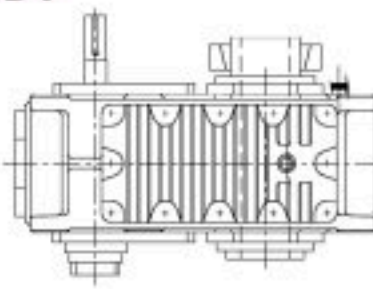
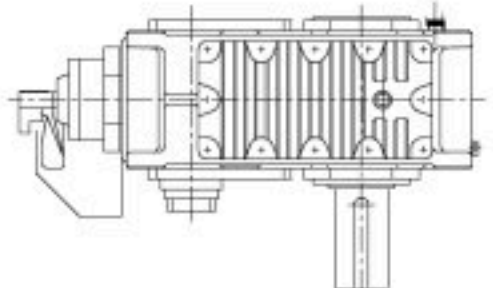
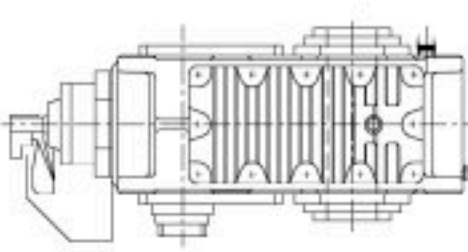
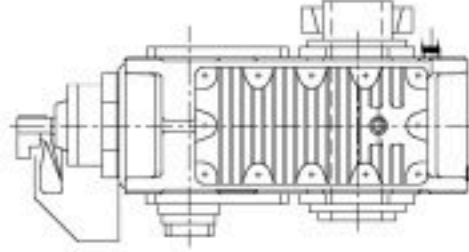
- Illustrations are examples only and not strictly binding. Dimensions are subject to change.
- The weights are mean values and not strictly binding.
- To prevent accidents, all rotating parts should be guarded according to local and national safety regulations.
- Prior to commissioning, the operating instructions must be observed. The gear units are delivered ready for operation but without oil filling.
- Oil quantities given are guide values only. The exact quantity of oil depends on the marks on the oil dipstick.
- The oil viscosity has to correspond to the data given on the name plate.
- The gear units are supplied with radial shaft seals. Other sealing variants on request.
- Directions of rotation referring to output shaft d_2 .

Explanation of symbols used in the dimensioned drawings

-  =Oil dipstick
-  =Breather
-  =Oil drain
-  =Oil filler

3. 安装类型概述

Summary of Basic Types

卧式安装		Horizontal mounting position	
平行轴齿轮箱 类型 JRHH1...,JRHH2...,JRHH3...,JRHH4.. 1-4级, $i_N=1.25-450$		Helical gear units Type JRHH1...,JRHH2...,JRHH3...,JRHH4.. 1-4stage, $i_N=1.25-450$	
JRHH.SH 	JRHH.HH 	JRHH.DH 	JRHH.HM,JRHH.DM 
直交轴齿轮箱 类型 JRHB2...,JRHB3...,JRHB4.. 2-4级, $i_N=5-400$		Bevel-helical gear units Type JRHB2...,JRHB3...,JRHB4.. 2-4stage, $i_N=5-400$	
JRHB.SH 	JRHB.HH 	JRHB.DH 	JRHB.HM,JRHB.DM 
立式安装		Vertical mounting position	
平行轴齿轮箱 类型 JRHH2.V,JRHH3.V,JRHH4.V 2-4级, $i_N=6.3-450$		Helical gear units Type JRHH2.V,JRHH3.V,JRHH4.V 2-4stage, $i_N=6.3-450$	
JRHH.SV 	JRHH.HV 	JRHH.DV 	
直交轴齿轮箱 类型 JRHB2.V,JRHB3.V,JRHB4.V 2-4级, $i_N=5-400$		Bevel-helical gear units Type JRHB2.V,JRHB3.V,JRHB4.V 2-4stage, $i_N=5-400$	
JRHB.SV 	JRHB.HV 	JRHB.DV 	

四. 型号说明

Model Description

J RH H 3 S H 8 - 50 - A - 00

1 2 3 4 5 6 7 8 9 10

1 企业代码 J-杰牌传动	2 产品代码 RH-工业齿轮箱	3 类型 H-平行轴齿轮箱 B-直交轴齿轮箱	4 传动级数 1, 2, 3, 4
5 输出轴形式 S-实心轴 H-空心轴 D-带胀紧盘的空心轴 K-带花键的空心轴, 按照DIN5480(请咨询杰牌) F-法兰轴(请咨询杰牌) V-加强型实心轴d2(请咨询杰牌)	6 安装方式 H-卧式安装 M-卧式安装, 不带地脚 V-立式安装	7 规格 3...28	8 传动比 见P106-107
9 布置形式 见P108	10 产品附件 见P119		

1 Enterprise code J-JIE Drive	2 Product code RH- industrial gear units	3 Type H- parallel shaft industrial gear units B- direct axle industrial gear units	4 No.of stages 1, 2, 3, 4
5 Output shaft design S-Solid shaft H-Hollow shaft D-Hollow shaft for shrink disk K-Hollow shaft with involute splines acc. To Din 5480(on request) F-Flanged shaft(on request) V-Shaft d2 reinforced(on request)	6 Mounting H-Horizontal M-Horizontal design Without feet V-Vertical	7 Size 3...28	8 ratio See pages 106-107
9 Assemblies See Page 108	10 Add-on Pieces See Page 119		

示例 JRHH3SH8-50-A-00

Example JRHH3SH8-50-A-00

杰牌JRH系列产品中平行轴齿轮箱, 3级传动, 8号箱, 实心轴输出, 卧式安装, 传动比为50, 布置形式为A种, 无附件。

JIE series products, helical gear units, 3-stage, size 8, solid output shaft design, horizontal mouting position, i=50, design A, no add-on pieces.