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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!



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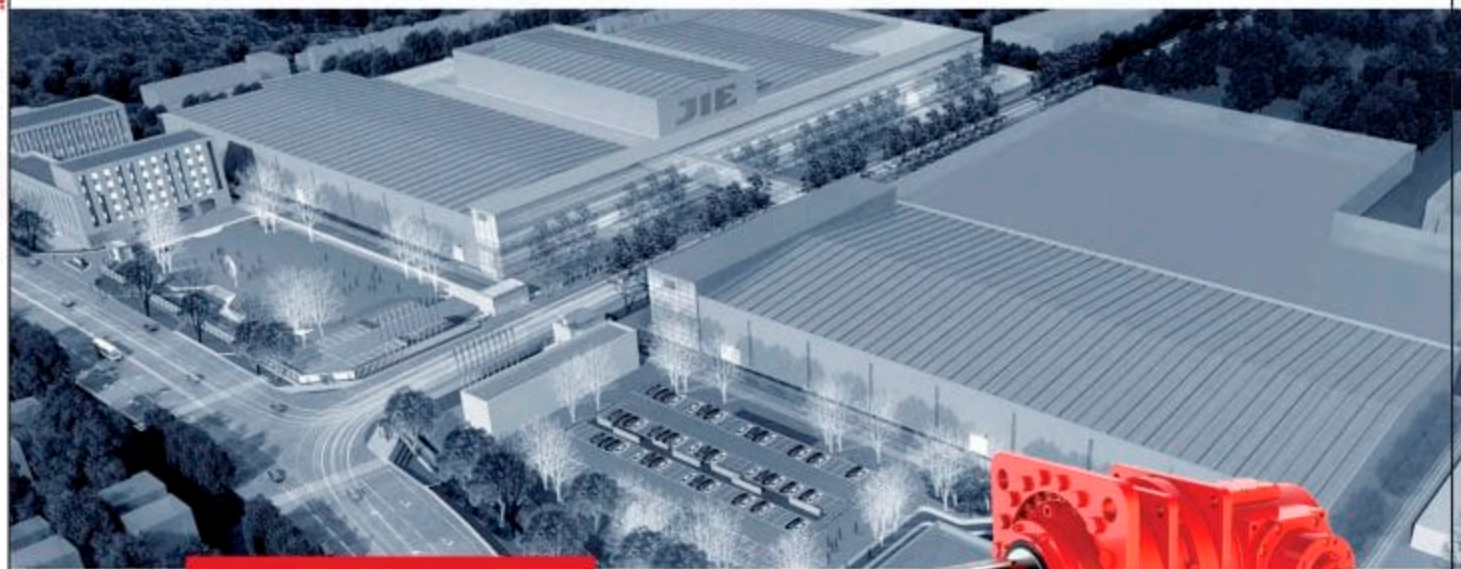
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JIE

行星齿轮箱选型手册



杰牌传动
JIE DRIVE



JRP 行星齿轮箱
JRP Planetary Gear Units

因专业 而杰出
Excellence From Expertise

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二. 产品图片 Product Pictures



JRP...01-8



JRP...9-36



JRPH



JRPG



三. 产品说明

Product Description

1. 产品性能特点

Product Characteristics

杰牌JRP行星齿轮箱，拥有自主知识产权，产品具有不漏油、长寿命、大扭矩、大速比和智能化等亮点，包括JRP..N行星齿轮箱、JRP..S平行轴—行星齿轮箱、JRP..L直交轴—行星齿轮箱、JRP..K直交轴—平行轴—行星齿轮箱等全系列产品。

杰牌JRP行星齿轮箱，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JRP行星齿轮箱，遵循模块化和最优化设计理念，全系列产品包括AD2型实心轴输入接口、ADM型法兰实心轴输入接口、IEC电机输入接口，A型锁紧盘输出模块、B型实心轴输出模块、C型花键空心轴输出模块、D型花键实心轴输出模块，基座安装、法兰安装、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，并按单包装，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！

JRP planetary gear units, with independent intellectual property rights, is featured with no oil leakage, long service life, high torque, high speed ratio and intelligence. It includes JRP..N planetary gear units , JRP..S parallel shaft planetary gear units, JRP..L Bevel helical planetary gear units, JRP..K bevel helical – parallel shaft planetary gear units, and other JRP series product.

JRP planetary 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” .

JRP planetary gear units follows the concept of modular and optimized design. The whole-series product comprises AD2 solid shaft input interface, ADM flange solid shaft input interface, IEC electric motor input interface, A type shrink disc output module, B type solid shaft output module, C type hollow shaft with spline output module, D type solid shaft with spline output module, base installation, flange 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.



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。JIE 保留变更尺寸的权利。
- 样本中尺寸默认单位为mm
- 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，运行前需检查是否已加注润滑油。
- 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敬请垂询。
- 转动方向是指面向输出轴时输出轴d2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
-  =注油孔

Attention!

- Illustrations are examples only and not structly binding. JIE reserves the ringht to change the dimensions
- The default unit size in the manual is mm.
- The weights are average values and not strictly binding.
- To prevent the accidents,all rotanting parts should be guarded according to local and national safety regulations and be protected by cover.
- Prior to caommissioning,the operating instructions must be read.The gear units are on the ready-operational condition while delivery, the luhicent should be filled before operation.
- Oil quantities given are just for reference only.The exact quantity of oil will follow the oil dipstick.
- The oil ciscosity should be accord with the data given on the name plate.
- The gear units are supplied with radial shaft seals.For other typpes of oil seal, pleass inquire.
- Directions of rotation refev to output shaft d2.

- Illustration of symbols as following.

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

3. 基本类型概述

Summary of Basic Types

两级行星齿轮

2 Stages Planetary unit

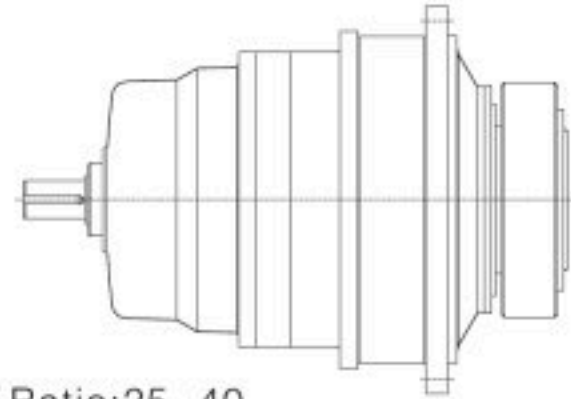
示例 / Example

JRP	2	N	A
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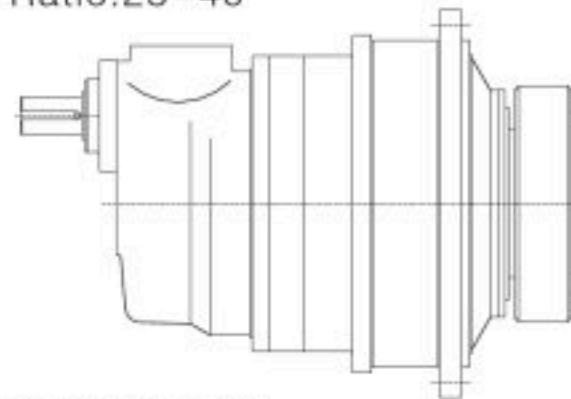
JRP	2	S	A
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JRP	2	L	A
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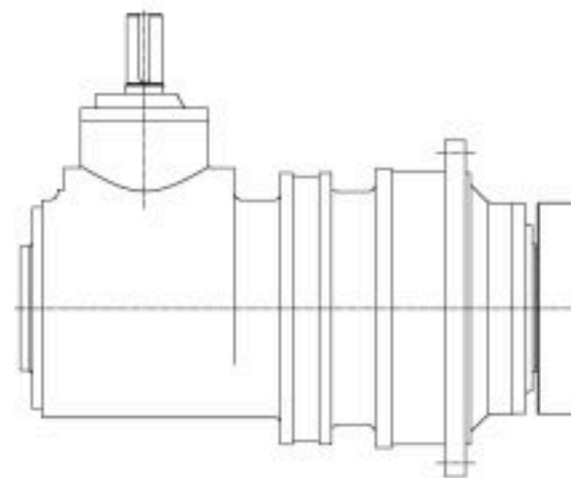
JRP	2	K	A
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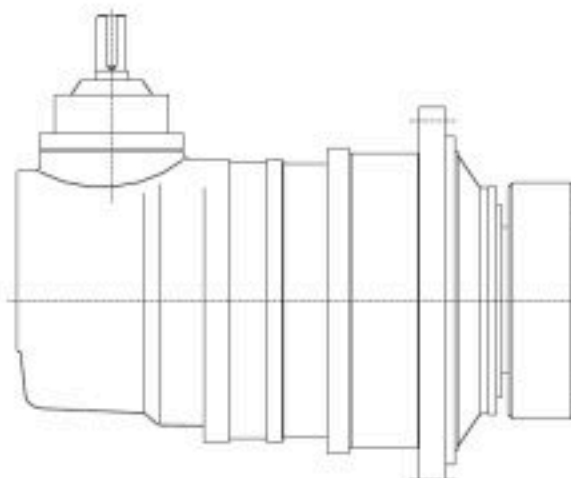
传动比 / Ratio:25-40



传动比 / Ratio:45-125



传动比 / Ratio:31.5-100 (L)



传动比 / Ratio:112-500 (K)

- A = 带锁紧盘的空心轴输出 / Hollow Shaft Output With Shrink Disk
- B = 带平键的实心轴输出 / Solid Shaft Output With Flat Key.
- C = 带渐开线花键的空心轴输出 / Hollow Shaft Output With Involute Spline
- D = 带渐开线花键的实心轴输出 / Solid Shaft Output With Involute Spline
- N = 标准 (同轴式) / Standard (coaxial)
- S = 平行轴-行星 / One stage Helical gear parallel shaft
- L = 直交轴-行星 / One stage Bevel gear rectangular shaft
- K = 直交轴-平行轴-行星 / One stage Bevel-helical gear first stage

2 = 行星齿轮级数 / Stages of planetary gear

JRP = 杰牌行星齿轮箱 / JIE Planetary gear units



三级行星齿轮

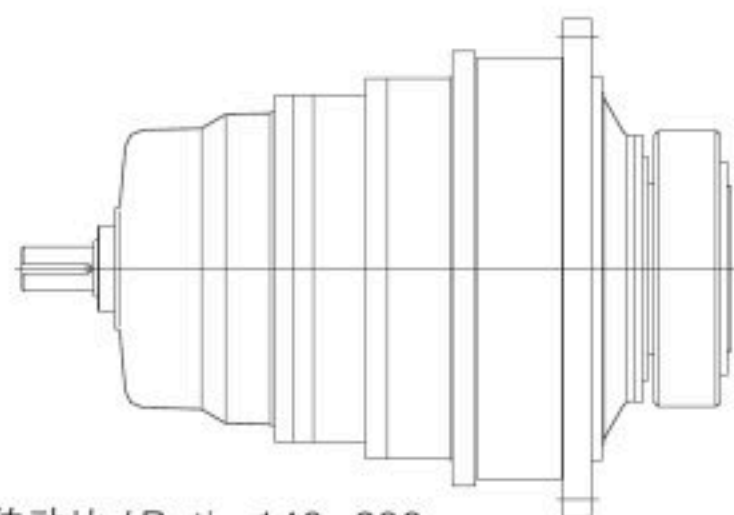
示例 / Example

JRP	3	N	A
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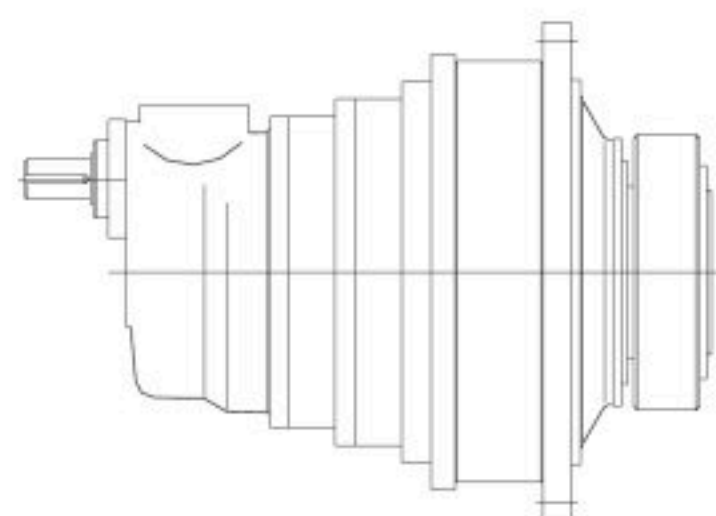
JRP	3	S	A
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JRP	3	K	A
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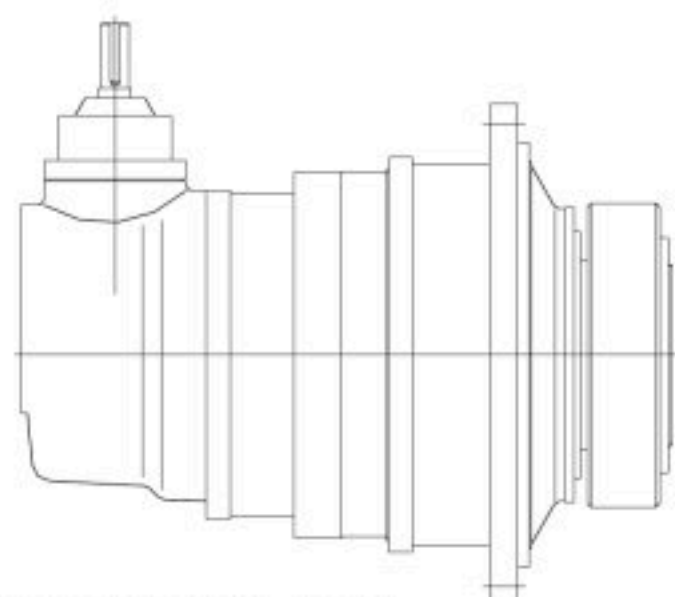
3 Stages Planetary unit



传动比 / Ratio: 140-280



传动比 / Ratio: 280-900



传动比 / Ratio: 560-4000

- A = 带锁紧盘的空心轴输出 / Hollow Shaft Output With Shrink Disk
- B = 带平键的实心轴输出 / Solid Shaft Output With Flat Key.
- C = 带渐开线花键的空心轴输出 / Hollow Shaft Output With Involute Spline
- D = 带渐开线花键的实心轴输出 / Solid Shaft Output With Involute Spline
- N = 标准 (同轴式) / Standard (coaxial)
- S = 平行轴-行星 / Helical gear stage
- K = 直交轴-平行轴-行星 / Bevel-helical gear stage
- 3 = 行星齿轮级数 / Number of planetary gear stages
- JRP = 杰牌行星齿轮箱 / JIE Planetary gear units