

# Fag Germany Schaeffler Rolamentos

FAG (Germany) Since 1883, Fischer invented the ball mill and established FAG company, along with the rolling bearing industry birth and development, FAG bearing products in almost all possible areas have been fully certified and has been playing a very important role.

The following are only the main areas of application of some of its products: aeronautical engineering, metal cutting machine tools, steel processing equipment, converter, casting equipment, rolling mill, mechanical transmission equipment, paper making machinery, cement machinery, mill, mining machinery, engineering machinery and vibration Machinery, environmental protection equipment, wind power equipment, ships, antennas and radar, textile machinery, packaging machinery.

## FAG origin

FAG brand also originated in a genius inspiration. As early as 1883, Friedrich Fischer designed a special steel ball grinder for the first time in a small town in Schweinford, Germany, for the first time making it possible to produce a full sphere ball with a grinding process. The invention is considered to be the cornerstone of the rolling bearing industry. This is why FAG has become one of the leading brands in the machinery manufacturing, automotive and aerospace industries. In the world's major industrial countries, there are FAG companies, branches and sales agents.

Since 2001, FAG has become part of the Schaeffler Group and has played a positive and important role in the Group's aerospace, automotive and industrial sectors. INA products, FAG in the rolling bearing industry has the industry's most complete product outline. Covering the

production machinery, power transmission and railways. Heavy industry and consumer goods industry in all areas of application.

FAG produces ball bearings and roller bearings with diameters from 3 mm to 4.25 m, including standard products based on samples and non-standard products based on user specific requirements. FAG and INA work together to provide customers with a comprehensive range of comprehensive and comprehensive service and technical support, including: bearing and bearing system testing, maintenance and assembly and disassembly. As a forward-looking enterprise, FAG has invested heavily in research and development. Modern simulation technology, test equipment and special materials laboratory for the continuous development of various production lines and improve the provision of a reliable support, but also to maintain a strong innovation capability to provide a guarantee FAG.

### FAG bearings application areas

Since 2001, FAG has become part of the Schaeffler Group and has played a positive and important role in the Group's aerospace, automotive and industrial sectors. Combined with INA products, FAG in the rolling bearing industry with the industry's most complete product outline. Covering all applications in the production machinery, power transmission and rail, heavy industry and consumer goods industries.

### Fag Distributor

Schaeffler has established a comprehensive user service system with production, sales, R & D and technical support, and has formed a full cooperation with important users in almost all automotive and industrial sectors of the business model. At present, FAG Singapore, fag bearing Argentina, fag bearing Colombia, fag bearing Saudi Arabia, fag bearing Indonesia has production base, Fag Distributor in fag bearing Oman, fag bearing Kuwait, fag bearing UAE, fag bearing Philippines, fag bearing Thailand, fag bearing Malacia, fag bearing Bolivia, fag bearing Paraguay, fag bearing Chile, fag bearing Venezuela, fag bearing Uruguay, fag bearing Brazil, fag bearing Peru .Schaeffler is committed to providing customers with high quality products and zero distance services for the Group and the community to contribute to the sustainable development.

### Schaeffler Group

The company has three brands: INA, FAG and LuK, is a global leader in the production of rolling bearings and linear motion products. It is also well known in the automotive industry for engines, gearboxes and chassis applications. High-precision products and systems One of the suppliers. Group companies symbolize the high degree of customer attention, extraordinary innovation and the highest quality standards. The Group has approximately 76,000 employees worldwide and has more than 180 branches in more than 50 countries, with sales of approximately € 11.1 billion in 2012. This makes the Schaeffler Group one of the largest family business groups in Germany and Europe.

## Product Service

Schaeffler develops and manufactures INA and FAG brands of high quality rolling bearings, articulated bearings, plain bearings and linear motion products worldwide. Providing approximately 40,000 standard products for more than 60 industrial and many automotive applications. LuK brand clutch system, gearbox system and torque shock absorber on behalf of the field of automotive transmission system for many outstanding product innovation, high degree of customer attention and high quality standards.

The range of maintenance products covers the following: installation and removal, lubrication, adjustment and condition monitoring.

As a reliable product selection and information system, the catalog medias® contains the electronic catalog of INA and FAG catalogs and many additional features. Medias® offers both online and offline versions.

X-life is a common quality mark for Schaeffler Industries. Combined with the advantages of the two brands and integrated into a whole concept: support, product development, service and sales throughout the product cycle of all stages.

Modern computing tools can provide support for bearing selection and reference materials. BEARINX® software can be used to simulate and calculate all bearings, complex shafts, shaft systems and even the entire gearbox. BEARINX®-online programs are also available via the Internet.

FAG installation of the steward is a user-friendly computer software, in order to properly install the bearing to help.

Choosing a suitable lubricant is also part of a comprehensive consulting service. Schaeffler has developed a series of Arcanol rolling bearing grease series, including a large number of various types of lubricants.

In collaboration with TraceParts, design data can be imported directly into the user's own CAD system. 2D drawings and 3D models can be found on the "TraceParts Online" portal.

The Schaeffler training program covers a wide range of knowledge of rolling bearings, linear guide systems and plain bearings. Can cover the information and knowledge needs of multi-industry practitioners. Technical and business management people can find their own training courses.

## **FAG Bearing**

The Schaeffler Group's INA and FAG brands represent the development and manufacture of high-quality rolling bearings, plain bearings, linear guide systems and engine components for the global mechanical engineering, aerospace and automotive industries.

We have the most extensive range of products in the rolling bearing industry. We can mass produce about 40,000 catalog products, for nearly 60 kinds of industrial sectors and numerous automotive applications to provide products. In addition, we work with our customers to develop a variety of special solutions that can reliably and economically handle complex problems associated with bearings. This means that only for the industrial sector, we can provide nearly 225,000 products.

In addition, we can provide a wide range of services to our customers, including support, diagnostics, maintenance and assembly of rolling bearings and systems.