

Company Profile

"...Our company at a glance..."



Introduction

Koyo Seiko was founded in 1921 by Mr. Ikeda. In the decennia that followed it has become one of the world's leading manufacturers of bearings and automotive steering systems. With the merge of Koyo Seiko Co., Ltd. and Toyoda Machine works, Ltd. on January 1, 2006 JTEKT Corporation came into existence. Nowadays with a Head Office in Osaka, Japan, JTEKT Corporation has global operations in Europe, Asia, U.S. and Latin America.

Koyo is the JTEKT Corporation brand for Bearings. JTEKT engineering and manufacturing capabilities range from super large

bearings with outer diameters of seven meters to miniature bearings with inner diameters as small as one millimeter. Utilizing new materials and the latest in manufacturing technology, JTEKT Corporation has developed hybrid ceramic bearings and a variety of extreme special environment bearings to meet the increasingly severe and demanding requirements of modern industries. JTEKT Corporation stands at the forefront, as a technological leader in the world bearing industry.

Profile

JTEKT Worldwide

Established	January 2006 (date of merger)
Koyo	1921
Toyoda	1941
Head offices	Nagoya, Japan Osaka, Japan
Main Business	Manufacture and sale of automotive components, bearings, machine tools and mechatronics
Capital	322 million euro *
Sales	7,6 billion euro *
Employees	41.714 (worldwide)
Locations	61 plants, 59 sales offices, 15 R&D Centres

JTEKT in Europe

Locations	12 plants, 11 sales offices, 3 R&D Centres
Main Business	bearings, automotive components, machine tools and mechatronics

JTEKT Europe Bearings

Headquarters	Almere, Netherlands (JTEKT Europe Bearings BV)
Manufacturing plants	Koyo Bearings Europe Barnsley, United Kingdom Koyo Romania Alexandria, Romania Koyo Bearings Maromme, France Koyo Bearings Moulit, France Koyo Bearings Vierzon, France Koyo Bearings Deutschland, Germany Koyo Bearings Ceska Republica, Czech Republic Koyo Bearings Espana, Spain
Sales Offices	Italy, Spain, Sweden, UK, Germany, France, Netherlands and Romania
Technical Centre	Almere, Netherlands Künsebeck, Germany

JTEKT

Automotive components

Koyo

- Aerospace & Aviation
- Agriculture
- Automotive
- Construction
- Machine tool
- Marine
- Medical & Healthcare
- Replacement Market

Bearings



Manufacturing Facilities

| Koyo Bearings Europe Ltd – Barnsley, UK

Producing various types of ball and tapered roller bearings. Established in 1990 and doubled in size in 1996/1997, this facility utilizes state-of-the-art production machinery, most of which has been developed and manufactured by Koyo Mechatronics, to produce bearings of the highest precision and quality.

| Koyo Romania SA – Alexandria, Romania

Our Romanian manufacturing site has been established in 1971. Their production range includes tapered roller bearings (max. OD 120 mm) and ball bearings (max OD 90 mm), suitable for use in industrial and automotive applications .

| Koyo Needle Roller Bearings Division

In 2010 JTEKT Corporation acquired Torrington Needle Roller Bearings business; thus enlarging the product range with needle roller bearings and related items (drawn cup, cage & roller, U-joint, etc.) produced at the manufacturing sites Künsebeck (Germany), Vierzon, Maromme, Moulit (France) and Olomouc (Czech Republic). With this acquisition JTEKT market coverage in Europe will reach more than 85% of bearing portfolio required by Industrial OE and Aftermarket.



| Technical Centers

Providing full design, application, development, analysis and testing services for all JTEKT product range.

European Bearing Technical center – Almere, the Netherlands – servicing single ball bearing and tapered roller bearing product range.

Künsebeck Needle Roller Bearing Technical center – Halle Westfalen, Germany – servicing the needle roller bearing product range.

All JTEKT Europe entities are ISO/TS 16949 and 14001 certified and enjoy full support from the global facilities of JTEKT Corporation with its vast experience in the field.



Tough on Friction, Kind to Earth

Our KOYO brand bearings have been renowned for their quality and reliability in various industrial segments for over 85 years. They are found virtually anywhere where accurate rotational control is required. Thus, bearing applications vary from jet engine main shaft support, manufacturing equipment used to produce semiconductors and LCD displays, through modern windmills, automobiles, high-speed trains and agricultural machinery to medical equipment, drilling machines at your dentist's surgery and various appliances at your household. We are proud to say: our bearings are found from the heights of the stratosphere to the depths of the ocean – many specially developed to function with optimum efficiency in harsh environments such as weightless or extremely corrosive conditions. In short, you will find Koyo bearings wherever there is a need for innovative engineering and reliability that will last.

Our main market segments include:

- ✓ automotive industry
- ✓ agricultural and construction equipment
- ✓ wind mill
- ✓ steel mill
- ✓ gear/reducer
- ✓ electric household appliances
- ✓ cycle
- ✓ replacement market (automotive and industrial)

| Range

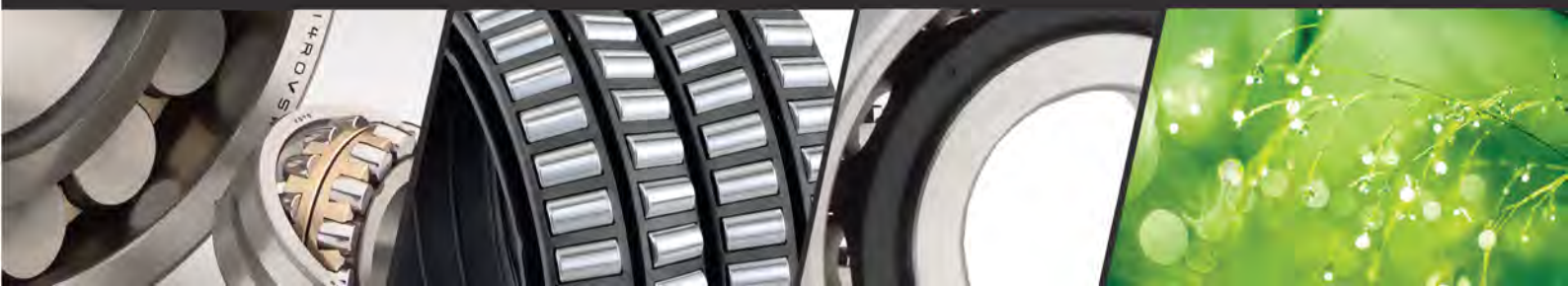
The size range of Koyo bearings is truly vast: from tiny examples of 1 millimeter inside diameter to huge bearings measuring 7 meters on the outside. JTEKT designers and development engineers pride themselves on their ability and willingness to work in close liaison with their customers to develop bearings for specific new applications, or to refine and improve existing product technology.

| EXSEV

Koyo EXSEV (Extreme Special Environments) bearing series are designed to operate in vacuum conditions, temperatures as high as 800 degrees Celsius, in corrosive and magnetic environments as well as in sterile environments (e.g. semiconductor and liquid crystal equipment). However severe the application, whatever the environment your product is required to operate in, we trust our expertise and technological advancement will allow you to find the perfect match for your bearing needs.

| Sustainability

Needless to say, we are convinced our Planet's needs have to be taken care of as well. Not only do we believe that – we actually strive to make our products as environmentally friendly as possible. Low friction, low energy loss bearings mean longer bearing life and less pollution – in this way we wish to contribute to the Earth's preservation. Last but not least, by manufacturing products used to capture one of the most promising renewable energy source – the wind – we try to contribute to the betterment of the world our children will come to live in.





Aftermarket

Through advanced technologies and outstanding research and development we guarantee products of high reliability and long lasting performance to the aftermarket user as well.

Koyo brand bearings are available via a wide network of distributors in all European countries as well as numerous distributors worldwide.

We serve the following areas of the replacement market:

Industrial Aftermarket

thanks to a wide variety of standardized products such as:

- ✓ Single Ball Bearings in Popular and Super-popular sizes.
- ✓ Spherical Roller Bearings.
- ✓ Tapered Roller Bearings (represented by a vast array of metric and inch types).
- ✓ Ball Bearing Units including special types.
- ✓ Needle Roller Bearings
- ✓ Cylindrical, Angular Contact, Self-aligning Rolling Bearings and many others.

Automotive Spare parts

via a large network of OES and specialized kitters supplying:

- ✓ Wheel bearings and Hub Units for European as well as for Japanese cars.
- ✓ Engine bearings such as idlers and tensioners.
- ✓ Clutch-release bearings and compressor bearings.
- ✓ Power-pack pumps for steering systems.

Always aiming at the best quality/price ratio, we are sure to be able to offer you product you need at a price you can afford. Our aftermarket price list is a unified reference valid in whole Europe.

For the dealer nearest to you, please kindly contact one of our Sales Offices listed at the back of the brochure.

Koyo



Industry & Aftermarket Solutions



JTEKT

Koyo | TOYODA