



UBC *EUROPE*
Ball & Roller Bearings

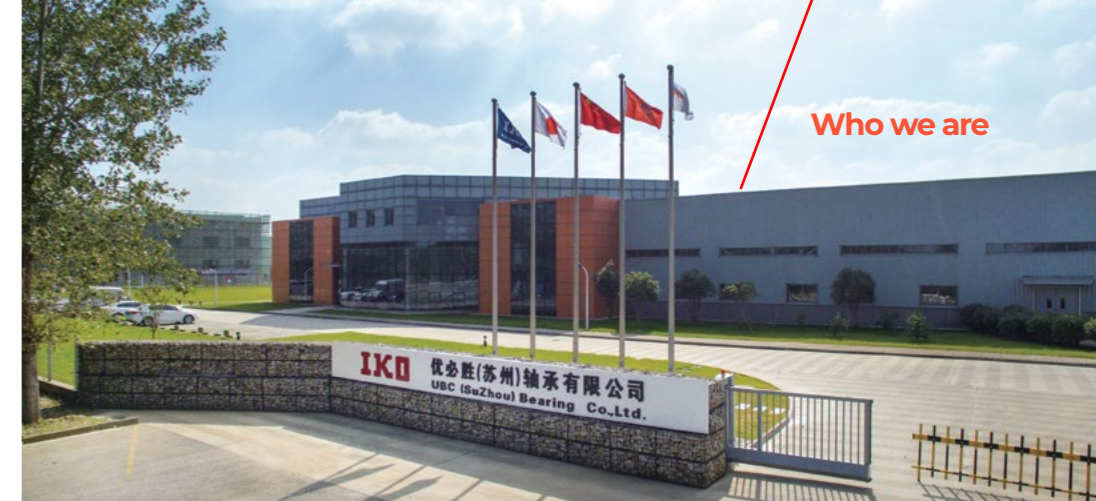
Discover

UBC®
BEARINGS
An **IKO** Company

Discover UBC Overview



- Who We Are
- Advanced Technology
- Excellent Service
- Bearings
- Distribution Network



Who we are



UBC Precision Manufacturing Company is a well-established manufacturer of standard and engineered bearings, specifically designed for special applications. The UBC trademark was first registered in China in 2000, and by the following year, the company had already demonstrated its ability to expand its manufacturing capabilities, gaining recognition today as one of the most reliable providers globally. In 2001, the company acquired its first plant, and just three years later, the operational headquarters were established in the heart of Shanghai. Today, UBC operates five facilities, including both production plants and partner sites, such as the Suzhou factory acquired in 2010, which focuses on the production of high-quality, ultra-precision bearings. Since January 2017, the company has been part of the Japanese group IKO Nippon Thompson, a global leader in the production of needle roller bearings and linear guides.



Currently, UBC sells over 120 million units of bearings and components annually, due to robust partnerships with distributors across 40 countries worldwide, and the support of distribution centers spread across Asia, Europe, North, and South America. UBC holds a “premium” segment position in the bearings market, combining the competitiveness of “Made in China” products with the quality standards of Japanese brands. The company’s rigorous quality control processes at every stage of production, its certifications, its commitment to social and environmental responsibility, and the support of IKO technology ensure superior performance and product sustainability. This approach enables UBC products to achieve a level of quality comparable to the best international brands while offering a significant cost advantage, without compromising on reliable and consistent quality. In Europe, UBC is distributed by UBC Europe.

Scan the QR code to visit the UBC website.

OFFICES

Shanghai Sales Office

Since 2004, the UBC group has established its Sales Headquarters in Shanghai, along with three branch offices in major Chinese cities: Shenzhen, Tianjin, and Qingdao. As proof of its guaranteed high quality, UBC has, over more than 10 years of growth, gained significant market share in sectors such as compressors, power transmission, construction machinery, material handling, mining, and steel manufacturing. In January 2017, UBC was acquired by the Japanese group IKO Nippon Thompson. By leveraging IKO's expertise and resources, UBC has significantly enhanced its performance, brand awareness, and global recognition.



Manufacturing and R&D center Suzhou, Jiangsu Province

UBC has established its Manufacturing and R&D Center on a 38,000-square-meter site within the Changshu National Development Zone for Technological Innovation in Suzhou. The plant has obtained ISO 9001 and IATF 16949 certifications from SGS and is monitored by Japanese quality control standards. The UBC R&D Center enables the company to respond more effectively to the rapidly growing demand for bearings and manufacturing technologies. Bearings are among the main products manufactured at UBC's Suzhou facility, serving key industrial sectors such as power transmission, pumps and compressors, wind turbines, construction machinery, and other heavy industries. All UBC products undergo stringent quality control and inspection before being delivered to customers.

OUR HISTORY

MILESTONES

- ✓ 2000, establishment of UBC Investment Co., Ltd. and registration of the UBC trademark.
- ✓ 2001, inauguration of the bearing component production site in Haining, Zhejiang Province.
- ✓ 2004, establishment of UBC (Shanghai) Precision Bearing Manufacturing Co. Ltd. for the management of the UBC brand.
- ✓ 2010, establishment of UBC (Suzhou) Bearing Co. Ltd. for the production of high-value and ultra-precision roller bearings.
- ✓ 2017, acquisition of UBC by IKO Nippon Thompson Co. Ltd.
- ✓ 2024, registration of UBC Europe.



IKO

Innovation, Know-how & Originality

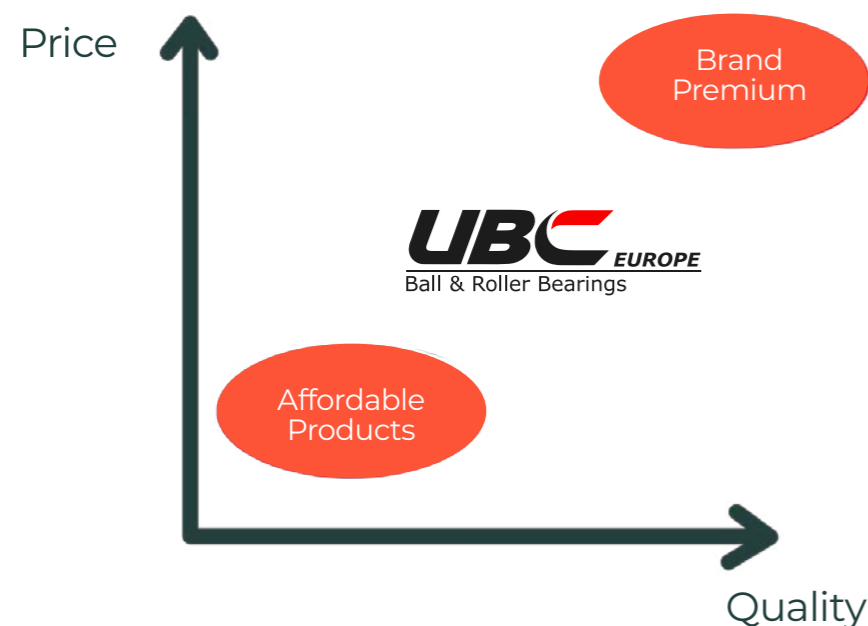
Innovation and reliability

UBC®

BEARINGS

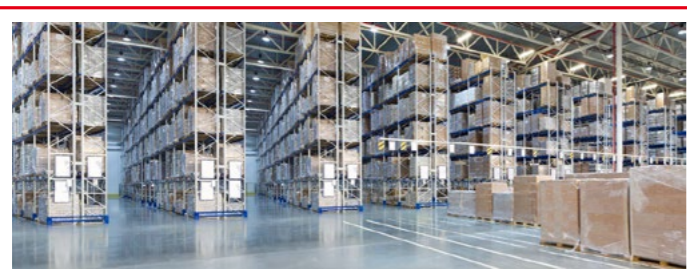
An **IKO** Company

Positioning



The Advantage of Quality at an Affordable Cost

UBC has the capability and experience needed to meet customer demands and offer value-added solutions for required bearings. Strong engineering expertise and a deep-rooted problem-solving culture have enabled the company to be recognized as a key provider for some of the leading manufacturing companies worldwide.



OUR VALUE PROPOSITION



Integrated and Customized Logistics System for the Customer

Strengths

- ✓ **Advanced Logistics Management**
- ✓ **Certified High-Quality Products**
- ✓ **Large Stock Availability**
- ✓ **Wide Product Range**



UBC's expertise in material selection is backed by its competence in the heat treatment process. The properties of the bearing's raw material fully emerge only after undergoing this crucial process.

Maintaining precise temperatures and timing during heat treatment is essential to ensure optimal performance.

Heat Treatment

Prime Materials

UBC focuses on the selection of raw materials for bearing production. Choosing the right material for the right application.

Rolling Elements

The correct selection of rolling elements is crucial in bearing production, as it significantly impacts their lifespan.



Advanced Technology Design Focus

UBC employs the most advanced design and manufacturing techniques to enhance the contact between rolling elements and raceways. This approach enables a reduction in size while maintaining the same load capacity and improving energy efficiency.

Quality and standard controls

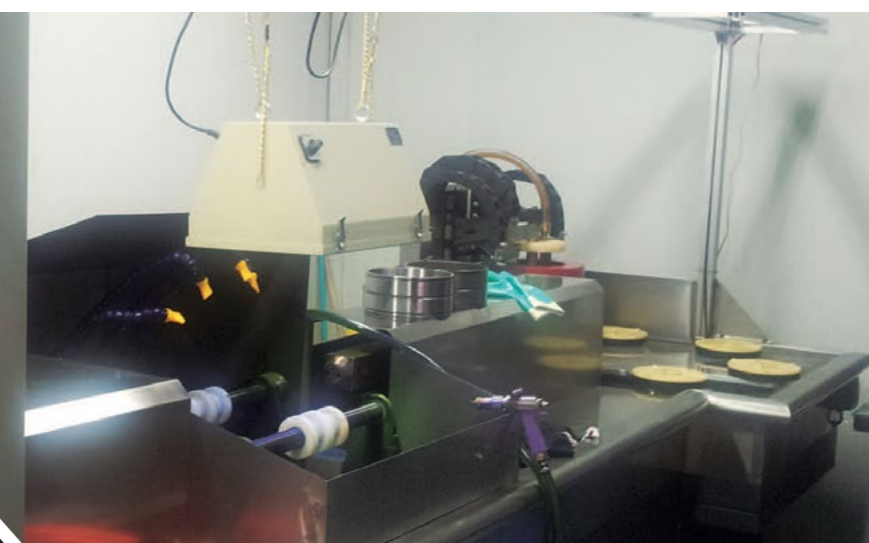
High-quality components are designed to prevent performance declines while ensuring a significant increase in customer productivity and reliability. The most advanced production techniques are applied to extend product lifespan while simultaneously reducing noise and friction. The use of innovative hard-turning technology instead of traditional grinding enables superior performance and enhances energy efficiency.



MARH PROFILOMETER



FLUORESCENT MAGNETIC PARTICLE TESTING MACHINE



MITUTOYO ROUNDNESS TESTER METALLOSCOPE



ZEISS METALLOSCOPE



Promise of Excellence

The Value that Makes the Difference

The production of bearings begins with the selection of premium materials based on the characteristics of the final product. UBC's expertise in this phase is complemented by its in-depth knowledge of the heat treatment process to maximize the product's potential. A broad product range is combined with the professionalism and expertise of a qualified team. The company strongly believes that a customized approach leads to greater customer loyalty and improved productivity for both parties, shaping its growth strategy around this principle.

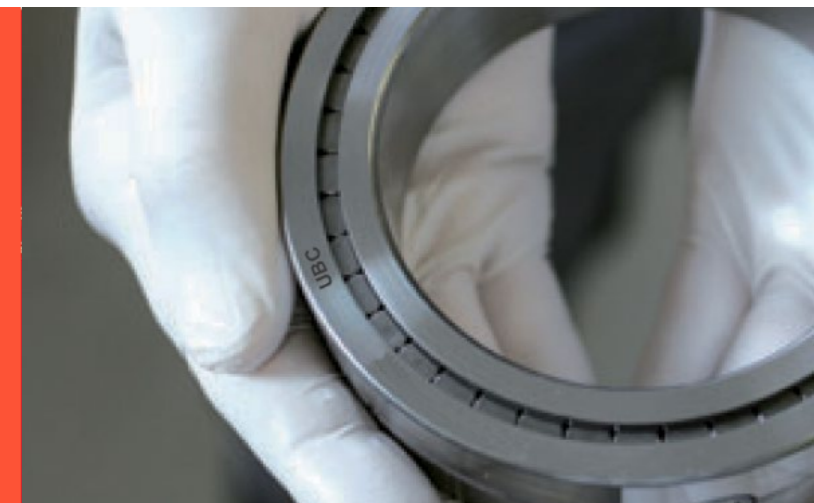
01 Why UBC?

UBC is the ideal partner for those seeking tailored industrial engineering solutions that enhance productivity and efficiency. We are recognized for our reliability and strong commitment to customer satisfaction, delivering superior value in every aspect of our service.



03 Valuable Expertise

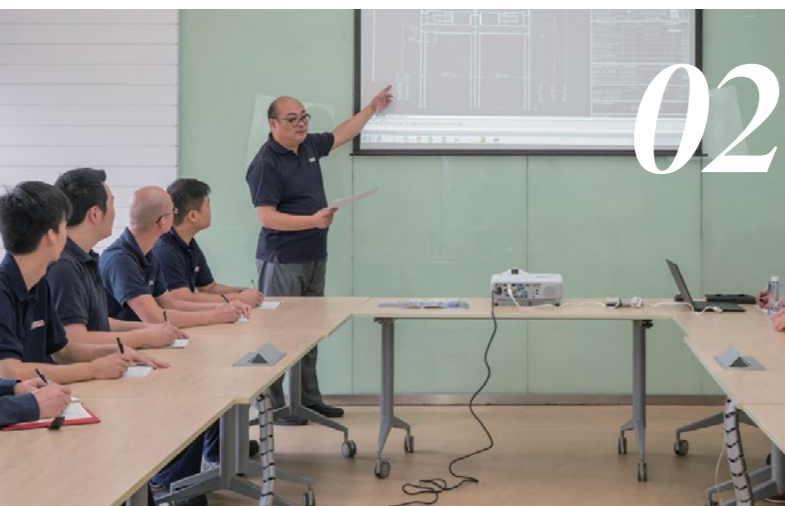
In addition to a wide range of products, through UBC Europe, we offer a global team of specialists, sales technicians, and after-sales support professionals, always ready to assist customers with expertise and tailored solutions whenever needed.



02

Quality at Affordable Costs

Our high-quality products are designed to minimize failures, prevent downtime, and maximize productivity, while ensuring more efficient management of operational costs.



04

Solutions That Simplify Business

Our commitment to logistics ensures that customers always receive products at the right time, helping them optimize their business processes efficiently.



We Are Present in every Industrial Sector





CYLINDRICAL ROLLER BEARINGS
(ETN SERIES)



PRESENCE SUPER-PRECISION
ANGULAR CONTACT BEARINGS



DEEP GROOVE BALL
BEARINGS



THRUST BALL
BEARINGS

Pumps and Compressors

Pumps are used across all types of industries worldwide, such as in the petrochemical sector, paper production, irrigation, and the food and beverage industry. Compressors are utilized in a wide variety of applications, including factory equipment, air supply systems, air conditioners, refrigerators, and cold storage units, demonstrating how essential pumps and compressors are for various industrial sectors. UBC applies advanced technologies, optimizes designs, and ensures exceptional product quality. The company provides a wide range of bearings that offer long operational life, high load capacity, and exceptional reliability. The goal is to achieve low energy consumption for an eco-friendly approach and reduced maintenance costs.





TAPERED ROLLER BEARINGS



SPHERICAL ROLLER BEARINGS



DEEP GROOVE BALL
BEARINGS

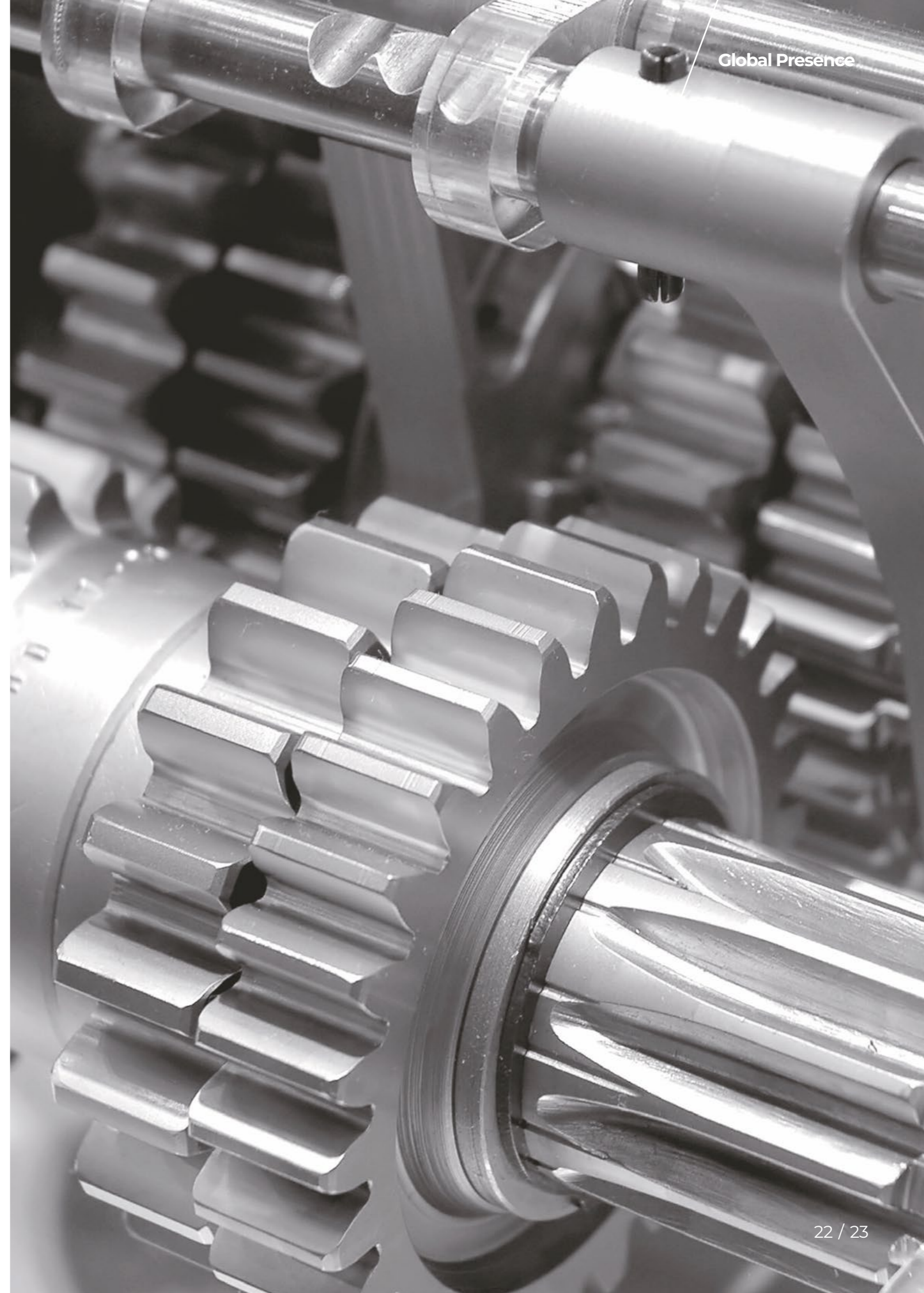


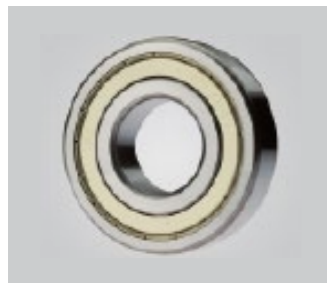
DOUBLE-ROW CYLINDRICAL
ROLLER BEARINGS
(NNU TYPE)

Power Transmissions and Industrial Gearboxes

Gear reducers and speed variators are used in a wide range of industrial sectors.

In these applications, rolling bearings must handle different torque levels and speeds depending on the type of system or machinery. Through its expertise, UBC ensures that its components deliver high performance, reliability, and long service life, resulting in reduced maintenance costs.

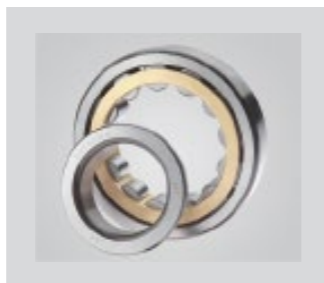




DEEP GROOVE BALL BEARINGS



MINIATURE BALL BEARINGS



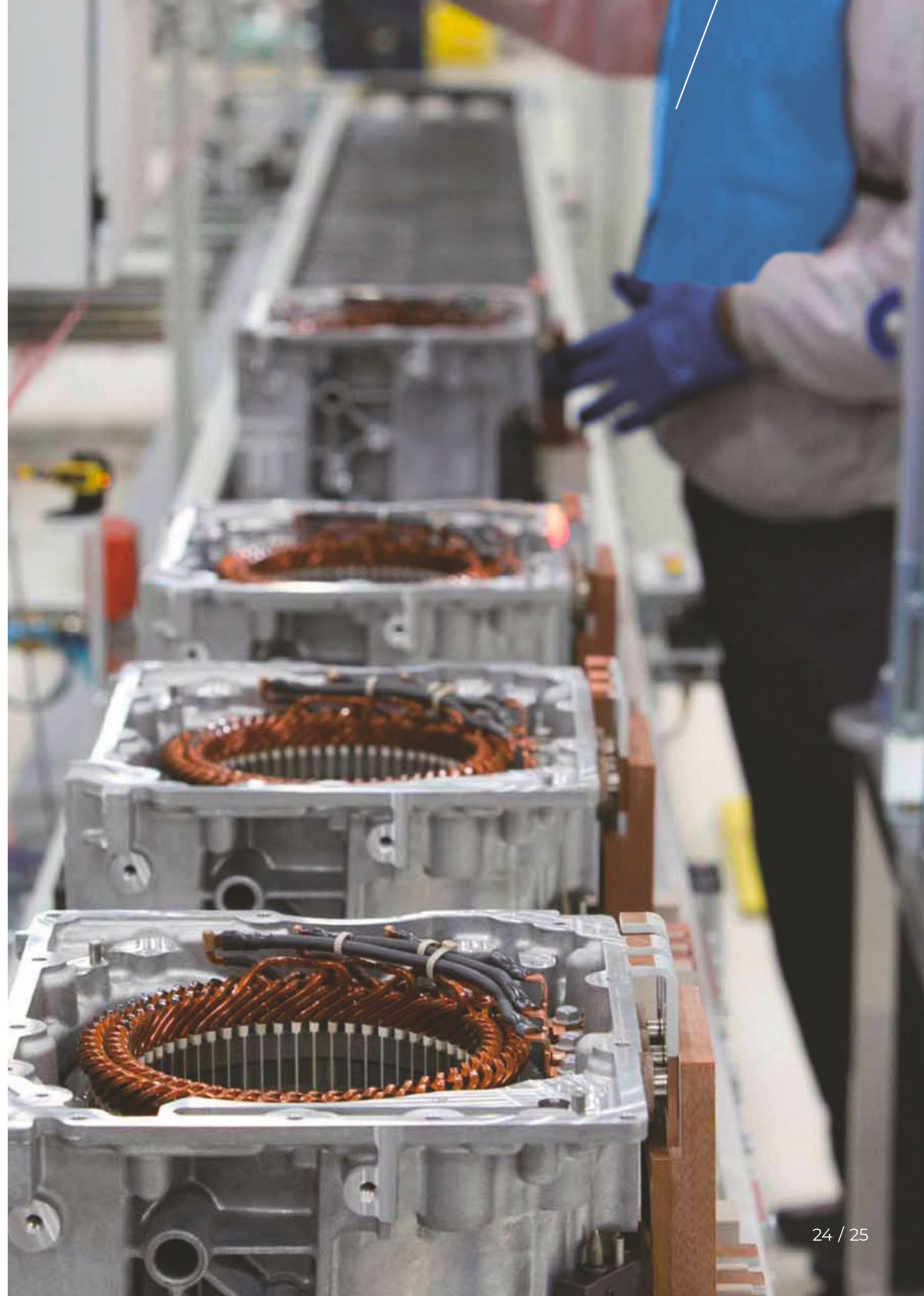
CYLINDRICAL ROLLER BEARINGS



ANGULAR CONTACT BALL BEARINGS

Electric Motors and Generators

Electric motors are increasingly required to offer low noise levels and reduced energy consumption. EMQ5 deep groove ball bearings have been specifically developed to meet that demand for low noise and low friction torque, making them ideal for use in fans, washing machines, and power tools.





TAPERED ROLLER BEARINGS



NEEDLE ROLLER BEARINGS



SEALED DEEP GROOVE BALL BEARINGS



CYLINDRICAL ROLLER BEARINGS

Agricultural Machinery

UBC supplies bearings to some of the leading manufacturers of agricultural machinery. UBC's deep groove ball bearings, tapered roller bearings, needle roller bearings, and cylindrical roller bearings are widely used in the axles and gearboxes of tractors, harvesters, and seeders, which must operate in the toughest environments.





DOUBLE-ROW FULL-COMPLEMENT
BEARINGS FOR PULLEYS



CYLINDRICAL ROLLER
BEARINGS



TAPERED ROLLER
BEARINGS



PLAIN BEARINGS

Construction

Despite heavy loads and challenging work conditions, operators in the construction sector are often compelled to push their equipment to its performance limits to maintain high productivity and to minimize downtime. Dust, mud, and heavy loads are typical conditions in which construction machinery must operate. UBC leverages its expertise to ensure performance that meets the demanding requirements of the industry.





FOUR-ROW
CYLINDRICAL ROLLER
BEARINGS



FOUR-ROW TAPERED ROLLER BEARINGS
WITH INTEGRATED SEALS



CYLINDRICAL ROLLER
BEARINGS FOR SENDZIMIR
ROLLING MILLS



SPHERICAL ROLLER
BEARINGS

Steel Industry

Steel and metal processing machines are exposed to high temperatures, water, and contaminants. The bearings used in this equipment operate under extremely harsh conditions. UBC has applied its expertise to develop and customize products that meet production demands while ensuring consistent performance and reliable results.

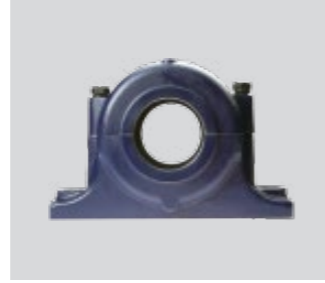




SPHERICAL ROLLER BEARINGS
(TYPES CC, CA, MB, VM, E)



ONE-PIECE SELF-ALIGNING
HOUSINGS



TWO-PIECE CAST IRON HOUSINGS



DEEP GROOVE BALL BEARINGS

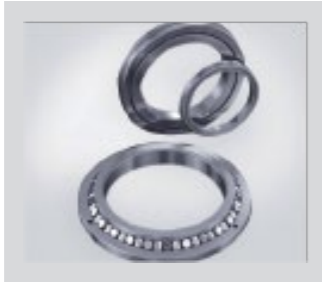
Raw Materials

A wide range of heavy-duty machinery is used in the mining industry. Durability and reliability are crucial for mining equipment operating in remote locations, where the failure of a single component can have a devastating impact on the entire extraction process. UBC meets these demands by providing high-quality, heavy-duty rolling bearings specifically designed for such applications.





TAPERED ROLLER BEARINGS



CROSSED ROLLER BEARINGS



THIN SECTION BEARINGS



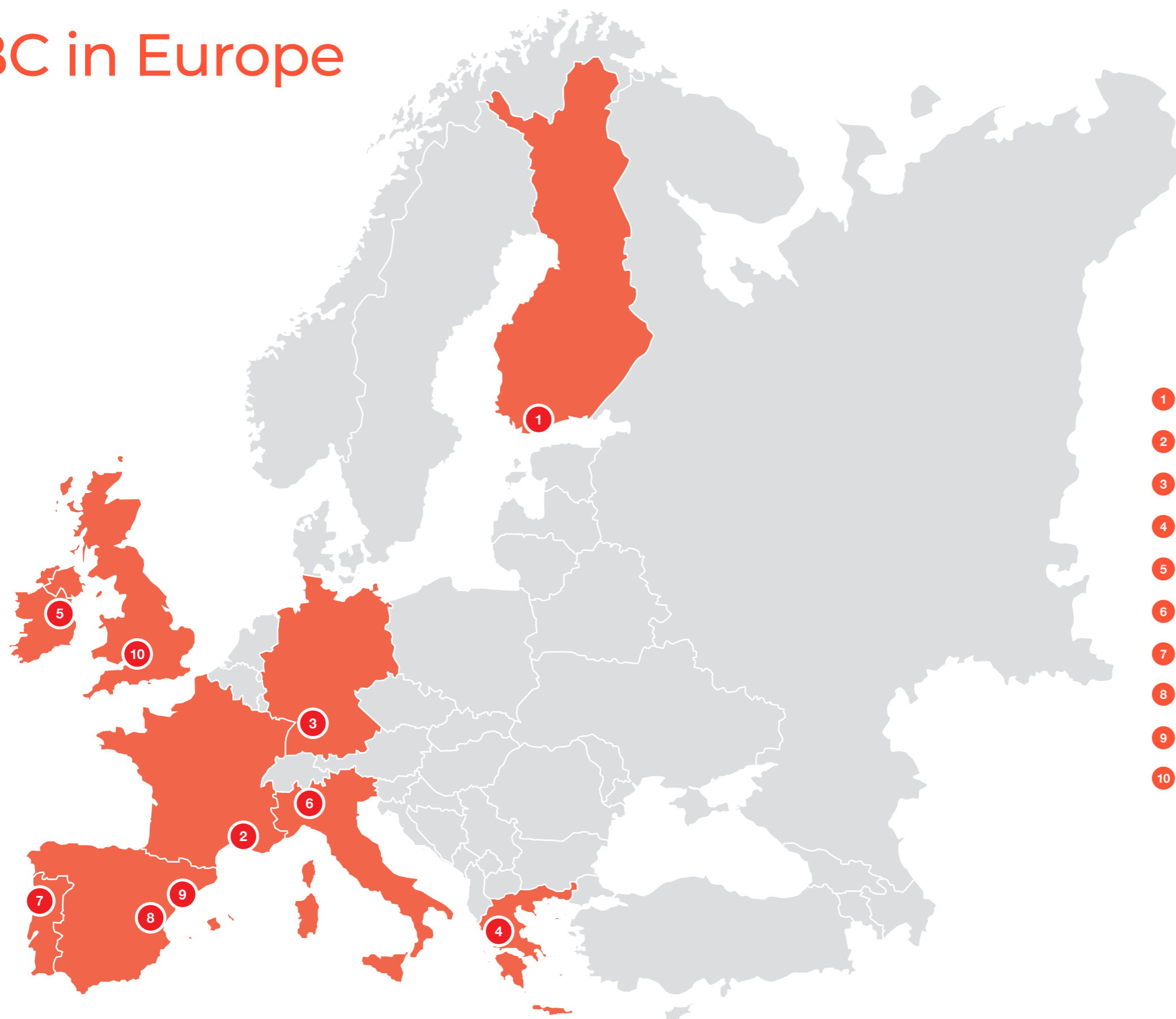
NEEDLE ROLLER BEARINGS

Smart Robot

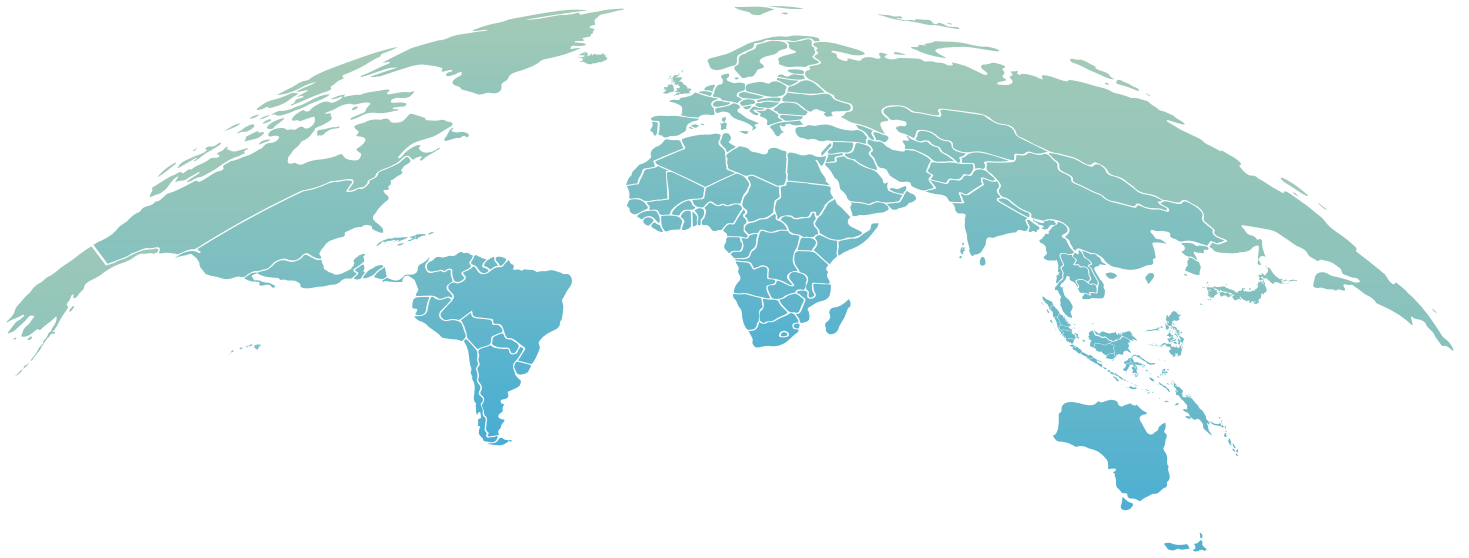
With the rapid development of Industry 4.0 worldwide, the production of robotics is experiencing significant growth, a trend expected to continue in the coming years. In response, UBC has developed its fourth generation of small-sized, high-precision tapered roller bearings, specifically designed for intelligent Robot RV reducers. These bearings are engineered to provide customers with reliability and high performance.



UBC in Europe



- 1  **FINLAND / Kraftmek Oy**
www.kraftmek.com
- 2  **FRANCE / RJ International**
www.rj-international.eu
- 3  **GERMANY / Bianchi Industrial S.p.A.**
www.bianchi-industrial.it
- 4  **GREECE / Konstantinos Vasiliadis SA**
www.vasiliadis.com.gr
- 5  **IRELAND / Hydra Seals, Hose&Bearings Ltd.**
www.hydraseals.ie
- 6  **ITALY / Bianchi Industrial S.p.A.**
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- 7  **PORTUGAL / Rolveda Lda.**
www.rolveda.pt
- 8  **SPAIN / Rodamientos Castalia Suministros Industriales, S.L.**
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- 9  **SPAIN / Rodamientos Feyc, S.A.**
www.feyc.eu
- 10  **UNITED KINGDOM / Antifriction Components Ltd**
www.antifriction.co.uk



Global brand, global strategy

UBC *EUROPE*
Ball & Roller Bearings

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