

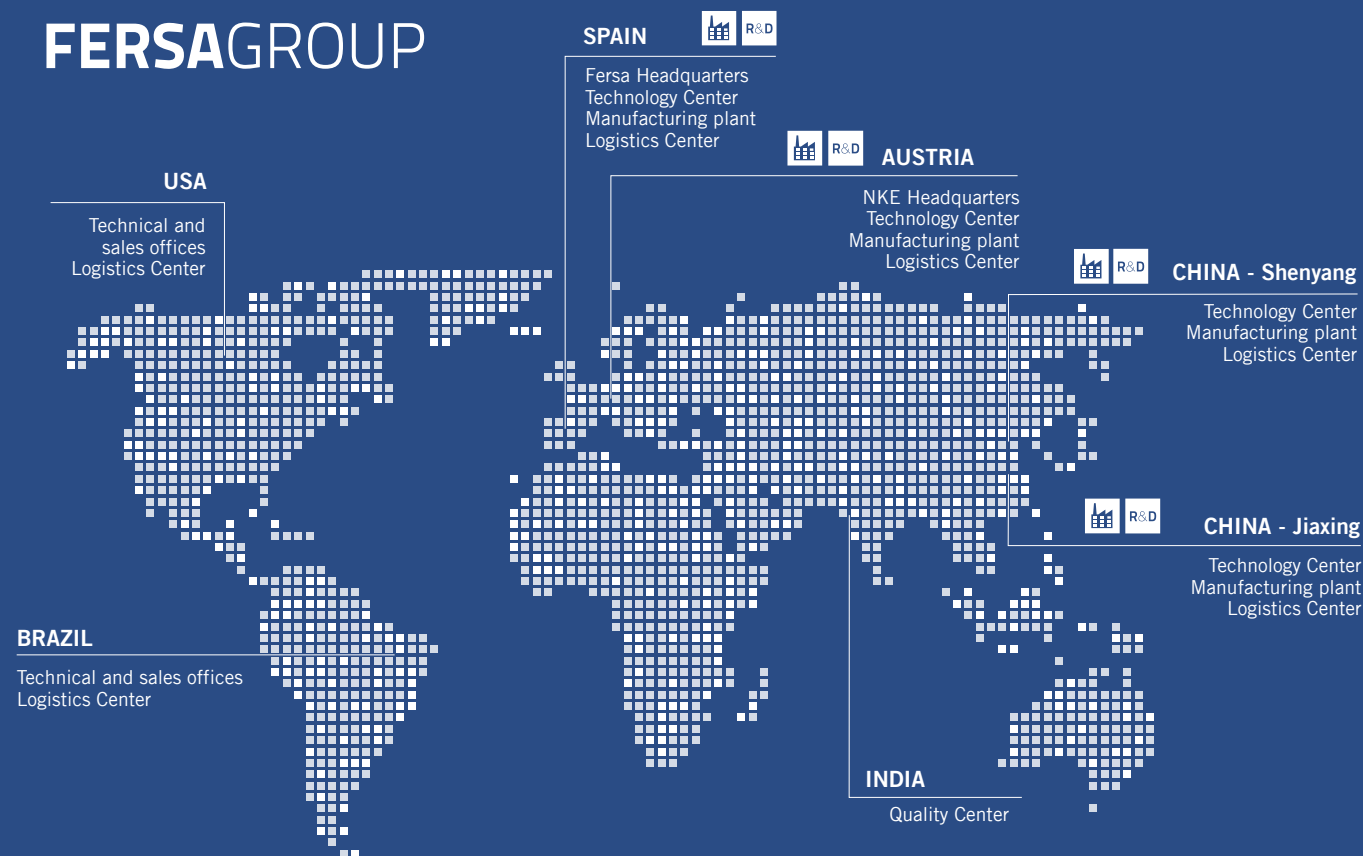
WE ARE FERSA GROUP A SPANISH-AUSTRIAN COMPANY

Fersa Group was created through the merger of two European bearing manufacturers: Fersa Bearings in Spain and NKE in Austria. Both are globally active in the design, production and distribution of high quality bearings for the global automotive and industrial markets.

Over 50 years of manufacturing experience and the trust of leading OEMs, Tier 1 and their respective aftermarkets endorse our products and services.

Fersa Group has an extensive network of distribution centers that service globally. We count with local facilities in Austria, Brazil, China, Spain and USA and state-of-the-art manufacturing centers in Austria, China and Spain.

FERSAGROUP



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NKE
B E A R I N G S



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NKE
B E A R I N G S

WIND ENERGY

FERSAGROUP

THE PERFECT SOLUTION TO INDUSTRIAL APPLICATIONS

AUSTRIAN QUALITY COMBINED WITH ADVANCED TECHNOLOGY

NKE AUSTRIA GmbH is a premium bearing manufacturer with headquarters in Steyr, Austria. The company was founded in 1996 by a group of senior staff members of the former Steyr Wälzlager.

NKE manufactures both standard and special bearings for all industrial applications. Our core competences – engineering, product development, final processing of components, assembly, quality assurance, logistics, sales and marketing – are centralised in Steyr. The site is accredited with ISO 9001:2015 (design, development, manufacturing and distribution of bearings), ISO 14001:2015 and OHSAS 18001.

NKE bearings are distributed through international representative offices and more than 240 distribution outlets in over 60 countries.

We offer:

- / Standard bearings with a comprehensive stock range.
- / Tailor-made bearings for special requirements.
- / Technical service (e.g. consulting, documentation, training etc.).

Quality guaranteed at 100%.

All NKE bearings are manufactured with state-of-the-art equipment. They undergo stringent and documented quality inspection. By using advanced testing and measuring equipment and applying a rigorous quality policy, we can guarantee that every single batch of bearings delivered is of the highest quality standards.



Competent services:

Equipped with experience and know-how, our technical and commercial teams work closely together with our customers. Our services include:

- / Consultancy
- / Technical calculation
- / Certification support
- / Product development, design support
- / Training



The operating conditions of wind turbines are complex and demanding; hence the bearings must work efficiently and offer supreme reliability.

NKE supplies a wide range of bearings to specialised industries, including the following commonly used types for wind energy applications:

Cylindrical roller bearings

- / Suitable for high radial loads
- / Multi-row and full complement versions available for even higher radial loads
- / Special specifications (optimised geometry) and customised designs available
- / Modular system allows for standardisation of planet wheel bearings
- / Special coatings for enhanced tribological properties
- / For both gear boxes and generators



Deep groove ball bearings

- / Suitable for very high rotating speeds
- / Well suited for medium high radial and axial loads in one or both directions
- / Numerous clearance and tolerance classes available for different operating conditions
- / Mainly for generators and gearboxes



Spherical roller bearings

- / Suitable for large radial loads and low to medium speeds
- / Allows compensation for misalignment
- / Usually for main shafts and gear boxes



NKE Austria bearings keeps your wind turbine running.

Four-point contact ball bearings

- / Able to take up thrust and limited radial loads
- / Easy mounting due to split inner rings
- / Standard cage material: solid, one-piece brass cage (MPA)
- / Usually for output shaft



Tapered roller bearings

- / Suitable for high radial loads and thrust loads
- / Able to take up tilting moments
- / When paired, can take up thrust loads in both directions
- / Usually custom designs and for gear boxes



Electrically insulated bearings

- / Preventing damages caused by passage of electric currents
- / 100% interchangeable with standard bearings
- / Depending on size and type of bearings, several versions available:
 - insulation coating (oxide ceramic) on outer or inner ring
 - hybrid bearings with oxide ceramic rolling elements

