



Bearings for wind gearboxes and generators

SHAPING THE FUTURE OF MOTION TECHNOLOGY

Experts in bearing solutions

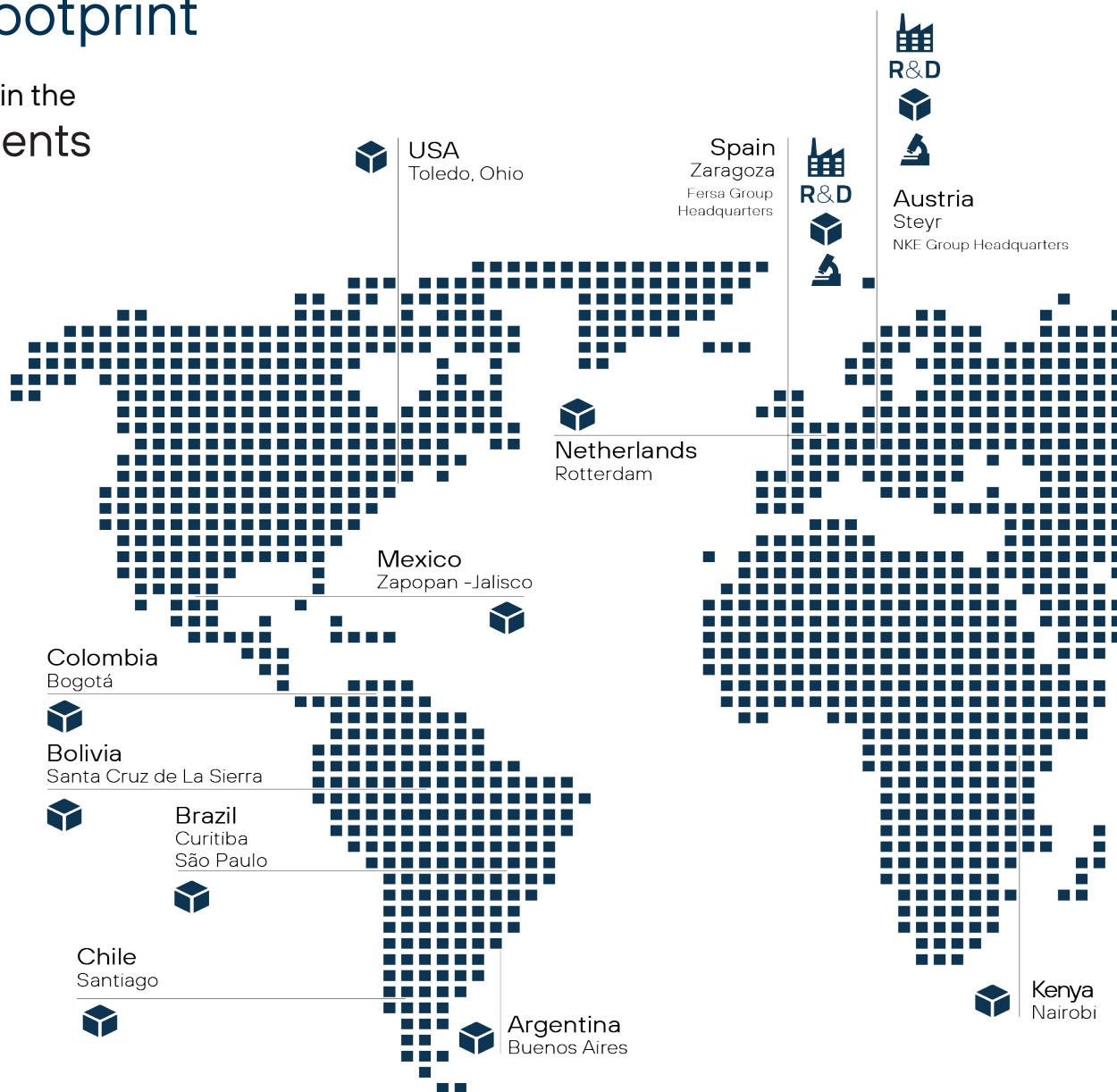
NKE FERSA is a premium bearing manufacturer with headquarters in Steyr, Austria. The company was founded in 1996 by a group of senior staff members of the former Steyr Wälzlager.

NKE FERSA 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.

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

Global footprint

Local presence in the five continents



We offer:

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

100% Made in Austria

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.



Our Figures

Fersa is constantly growing

20% of sales based on the development of new part numbers.

X5,1

Sales in the last 5 years

4,5%

R+D investment

Total sales

15%

Investment in the Internet of Things

Total CAPEX

+1000

FTE

+3000

New part numbers per year

The perfect solution for wind applications

Steyr, Austria, headquarters our Innovative manufacturing capabilities

R&D, manufacturing & logistics center

- 3 manufacturing lines
- Full traceability
- New line as from 2023
- 2020: 35.000 bearings/year
- Medium / large-sized bearings
- 2021: 40.000 bearings/year
- Standard- and special bearings

Assembling in Steyr - Austria

Bearings	mm range OD	Cages
CRB	80 - 2000	TVP3, M, M6, MA6, MPA
DGBB	200 - 2000	M, MA, MB (Insocoat)
TRB	300 - 2000	pressed steel cage, solid steel cage (hollow rollers)
SRB	300 - 2000	steel cage, brass cage
ACBB	300 - 2000	brass cage



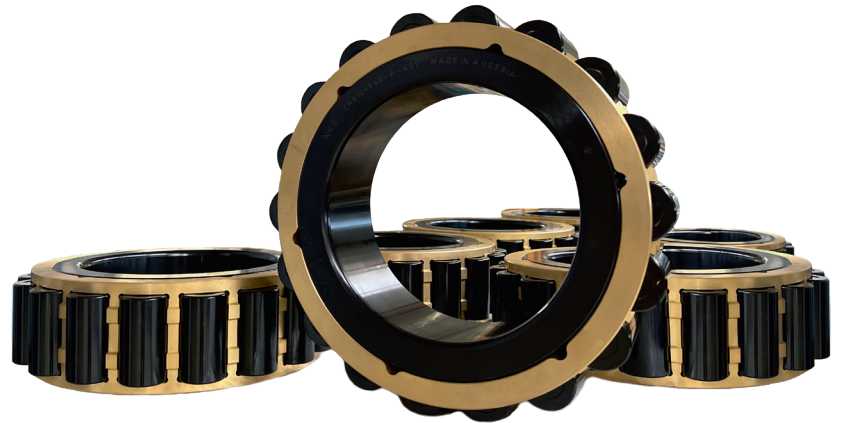
Australian quality combined with advanced technology

NKE FERSA bearings the perfect solution for wind energy gearboxes & applications

Loads, speeds, torque, installation space... - there are many factors to be considered when designing a drive system. Suitable bearings play a decisive role in industrial gearboxes.

Commonly used types for wind energy applications:

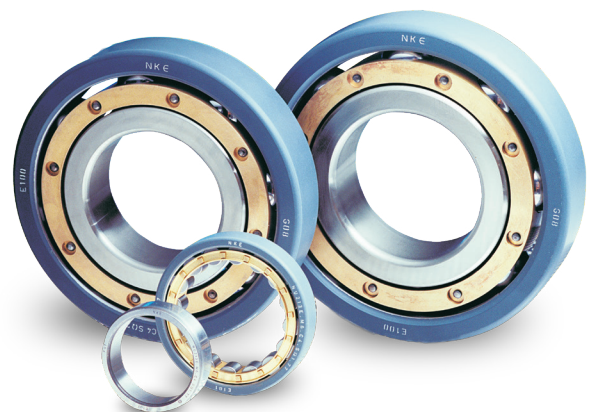
- Cylindrical roller bearings
- Deep groove ball bearings
- Four-point contact ball bearings
- Spherical roller bearings
- Tapered roller bearings



Our hybrid & electrically insulated bearings keep your wind generators running

Main advantages of hybrids:

- Outstanding electrical insulation properties
- Highspeed suitability
- Extended Service life
- Extended grease life



Main advantages of SQ77:

- A simple and cost effective protection against bearing damage
- Eliminates risk of damaged raceways and lubricant premature aging
- Dielectric breakdown strength of 1000V or 3000V (AC/DC)
- Interchangeable: same dimensions and technical properties as conventional bearings
- Available versions - insulation of OR (SQ77) or IR (SQ77E)

Common NKE FERSA wind generator bearings

(fast movers)

Bearing designation	SKF Part Number	Description
6328-M-C3-SQ77E	6328 M/C3VL2071	Insulated on the inner ring
6330-M-C3-SQ77E	6330 M/C3VL2071	Insulated on the inner ring
6330-M-C3-SQ77	6330 M/C3VL2071	Insulated on the outer ring
6332-M-C3-SQ77E	6332 M/C3VL2071	Insulated on the inner ring
6332-M-C3-SQ77	6332 M/C3VL2041	Insulated on the outer ring
6336-M-C4-SQ77E	6336 M/C4VL2071	Insulated on the inner ring
6326-C3-HYB	6326/HC5C3S0VA970	Hybrid bearing (ceramic rolling elements)
6328-C3-HYB	6328/HC5C3S0VA970	Hybrid bearing (ceramic rolling elements)
6330-C3-HYB	6330/HC5C3S0VA970	Hybrid bearing (ceramic rolling elements)
6332-C3-HYB	6332/HC5C3S0VA970	Hybrid bearing (ceramic rolling elements)
6334-C3-HYB	6334/HC5C3S0VA970	Hybrid bearing (ceramic rolling elements)

*Other bearing types and special bearing types upon demand. Please contact our sales team.



Our commitment: bearings to keep your wind turbines running

- More than 20 years of experience in the Wind Industry
- High performance, reliable and competitive solutions
- Complete bearing solutions MADE IN AUSTRIA
- Strong engineering support
- Premium quality
- Reliable partner



From original equipment to replacement parts we are trusted by the best!



Excellence beyond bearings

Art.No 91898

Spain | Austria | China | India | USA | Brazil | Mexico | Colombia
Chile | Bolivia | Argentina | Netherlands | Australia | Kenya



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