

NTN

OPTIMAL SOLUTIONS

for your applications



NTN®

SNR®

Brands of
NTN Group

INNOVATION AT YOUR PRODUCTION'S SERVICE

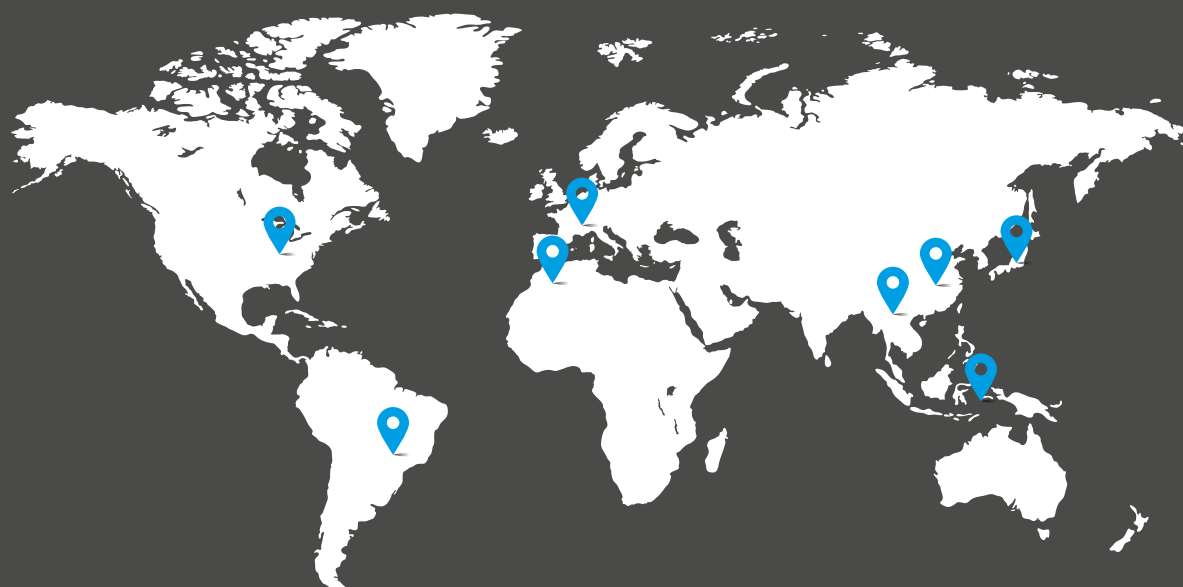
Movement. Constantly evolving, it needs to be analysed, managed, directed and mastered to get the best out of it. More than just a concept, it's the very essence of our commitment: to design and innovate to perfectly address the constraints of today and tomorrow.

With you, we are thousands of people throughout the world who think and develop solutions everyday to improve your production. Among the world leaders, our brands NTN, SNR, BCA and BOWER, present around the world, provide you with the most appropriate solutions to build, together, a society that is more respectful of our environment. Sharing, anticipating and adapting to allow you, like us, to write the history of the industry, automotive and aeronautics markets.

5.5 BILLION €*
of turnover*

23,000*
employees

The proximity of a global partner



118
Sales
representations

73
production
sites

15
R&D
centres

* March 2023



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High precision bearings

Japanese excellence made in Germany

- **Wide range of high precision bearings** (angular contact ball, cylindrical roller) and ball screw support bearings **for demanding applications.**
- **High-end packaging ready for digitalization (integrated QR code)** / Innovative design / Higher rotation speeds / Longer service life / Eco-friendly solutions.
- Reduced maintenance costs / Higher productivity and efficiency / Great flexibility thanks to **European production.**



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Ball Bearings

The strengths of this range

- Over **10,000 references** (bore diameters from 1.5 to 1,320 mm).
- **Premium quality steel** for optimum service life.
- **A complete range of sealing solutions.**
- **High-tech products** (Topline, Megahom™...) to meet **the most specific requirements.**



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Tapered roller bearings

The 2-in-1 offer (inch and metric)

- **Over 3,000 references in metric and inch** (bore up to 1,270 mm)
- 9 main dimensional series in metric dimensions with **standard angles**, plus 4 series with **increased angles.**
- Very wide range of inch dimensions: **over 200 series, and cones and cups can be managed as separate elements** in addition to the assembled bearing.
- **Through-hardened or case-hardened steel** (100% of the range in inch dimensions is case-hardened steel).

ULTAGE™



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Mounted units

A full assortment of advantages

- **Over 40,000 standard units providing** a multitude of solutions.
- **Bearing units (12 to 140 mm):** various sealing options. Available with European and Asian designs.
- **Two-part plummer block housings** (20 to 500 mm shaft diameter): single or multiple bearings with grease or oil-lubrication. Also available as «ready for use» kit (spherical roller bearing + accessories inside).



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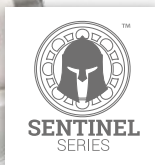


Linear motion

The solution for all linear moving needs

- **Expansive range of linear motion** (linear guides, linear axes, ball screw and linear ball bushings in metric and inch dimensions) customized or standard for every industrial need.
- Unique technical features availables / Quick availability of customized solutions / **Wide range of tools (online configurator).**

to accompany customers throughout product life



A STRONG LINK WITH OUR CUSTOMERS

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Partnership is a NTN core value.

Cylindrical roller bearings

The ULTAGE™ label for ultimate performances

- **2,000 references, with 1 row of rollers** (bore from 20 to 1,250 mm, with or without cage), **2 rows** (bore from 25 to 500 mm, with or without cage) and **4 rows** (bore from 100 to 1,030 mm).
- The core of the single-row range under the ULTAGE™ label, to offer the best performance: **increased service life (+20%)** thanks to **increased load capacities (+7%)** / Capacities among the highest on the market / **Speed increased by 20%.**



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Spherical roller bearings

Reliability and robustness

- Over **2,000 references** (25 to 2000 mm inner diameter).
- **3 types of bearing: open, sealed or closed by deflectors (KIZEI®)**, Low noise option, EF800 range for applications with high vibration levels.
- **Reliability and longer service life:** cost reduction.



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Needle roller bearings

The reference range made in Japan

- **12 families and 8,000 items** (bore diameter from 5 to 400 mm) widest range of the market.
- **100% made in Japan** / Superior steel quality / Sturdy design: constant manufacturing quality.
- **Extended service life (up to x3)** / Absolute reliability / European logistics centre for short delivery times.



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Lubrication

Fully suited solutions

- Greases and oils / Automatic single-point and multi-point lubrication systems / Advice and set-up services.
- **Dedicated lubrication systems and lubricants** for each application.
- **LUBSOLID, solid lubrication** for all products and markets. **SENTINEL™, a range dedicated to the food industry.**
- **Increased bearing service life, machine availability and productivity.**



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Maintenance tools

Fitting and removing bearings

- **Complete range of tools** for cold and hot mounting, hydraulic mounting and dismounting, extractors, safety and measuring instruments.
- Products designed **to meet specific requirements.**
- **Lower operating costs:** a better equipment availability thanks to adapted and professional tools.



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