

Press Release

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NTN-SNR supplies a wide range of high-precision spindle bearings for the European machine tool market

Japanese excellence for European machine tools

NTN-SNR is launching the NTN ULTAGE range of a hundred high-precision spindle bearings for assembly into machine tools on the European market. From this range's No. 1 position in Japan and its European logistics and sales network, NTN-SNR aims to accelerate its expansion in the European market, whose demands are increasingly for technical sophistication. So the design and high quality of NTN ULTAGE bearings provide high speed, accuracy and longer equipment service life.

A high-quality range to satisfy European requirements

A range designed for distributors

NTN-SNR has worked with several major European retailers to define an initial range of high-precision spindle bearings comprising of single row angular contact ball bearings, covering most of the needs of machine tool equipment, for both original equipment use and for spare parts. The 98 models in this range of HPACBB bearings benefit from NTN's ULTAGE design and meet the highest quality requirements demanded by high-precision machine tools. The initial 7000 and 7900 series that make up this range have bore diameters of between 10 mm and 130 mm and two contact angles of 15° or 25°, the most commonly used in Europe. These bearings enable all types of universal matching. They have a normal average preload and an accuracy class of P42.

Technical sophistication and excellence

The ULTAGE range of NTN bearings means an optimised design and steels of very high purity to withstand very heavy loads and provide longer service life. They enable increased rotational speeds (up to 1.9 million Ndm) combined with high rigidity.

In addition, ULTAGE spindle bearings for use in machine tools are equipped with an innovative, high-performance polyamide cage. This gives improved lubrication thanks to a design that combines a tapered bore with grooves in the pockets. With this cage, NTN has created a design that has become the standard for spindle bearings in Japan and is also poised to become a standard in Europe.

All these technical features, combined with appropriate pricing, gives NTN spindle bearings a highly competitive position in the European market.

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Japanese excellence and responsiveness at the European level

NTN is No. 1 in the Japanese bearings market, and, together with Germany, is the leading nation in this sector. Today in Europe NTN-SNR is offering well-established Japanese quality whose prowess has been proven. To do this, it relies on market knowledge as well as logistics - based at its European logistics centre in Lyon - that enable it to be extremely responsive. Following reorganisation of its logistics, which began in 2014, this centre is dedicated exclusively to the industrial bearings market. The range from there can be delivered to dealers in record time and thus meet most of their demands for spare parts and for small and medium original equipment in the European market, ensuring responsiveness and service levels.

NTN-SNR complements this offering with extremely efficient and responsive technical support, in particular from its Experts&Tools department. It draws on qualified engineers throughout Europe to help distributors and end-user clients and responds to all kinds of issues, be they in design, installation or maintenance.

A development strategy for a market with great potential

With a potential turnover that is attractive both in original equipment and spare parts, the market for high-precision bearings for machine tools in Europe is strategic for NTN-SNR. The launch of this premium range confirms NTN-SNR's desire to establish itself as a major player in the European market and climb to No. 1 position, the same as it enjoys in the Japanese market. NTN-SNR has decided to target large distributors with this range, as they are the leading suppliers of spare parts and original equipment for small and medium machine tools in Europe. This launch embodies new synergies at work within the NTN Corporation on which NTN-SNR is relying to enable them to grow in all the European bearings markets and all its export zones.

NTN-SNR ROULEMENTS is part of the NTN Corporation, the 3rd largest manufacturer of bearings in the world and manages and develops all NTN's activities in Europe, South America, Africa and the Middle East. A major player as a designer, developer and manufacturer of automotive, industrial and aerospace bearings, NTN-SNR also provides services and maintenance solutions through its Experts&Tools department and thus offers a worldwide service. NTN-SNR ROULEMENTS employs 4113 people and has 9 production sites in Europe and Brazil and 23 sales offices worldwide.

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