

Press release

Anney (Haute-Savoie, France), 20 April 2017

NTN-SNR presents its latest innovations at the Hanover trade fair (Germany)

Innovation everywhere ... for everyone

At the Hanover trade fair (Germany) from 24th to 28th April, NTN-SNR will present a serie of innovations. As an expert in bearings and magnetic sensors, NTN-SNR has developed a range of "Condition Monitoring System" solutions for monitoring rotating industrial machines. This technology also won an award at the European Mechatronics Meeting on 6th April of this year. The speed and position sensors will also be presented. Finally, the ULTAGE range of bearings is establishing itself as a prestigious new name in the machine tool, mining, quarrying and many other markets...

At the Hanover trade fair (Germany), NTN-SNR will welcome several hundred visitors to its stand between 24th and 28th April. This will cover an area of 370 m² totally dedicated to expertise in the fields of bearings and innovation.

The spotlight will be on innovation, with a special focus on new mechatronics and monitoring solutions.

As an expert in bearings and magnetic sensors, NTN-SNR has developed a range of innovative solutions for monitoring rotating industrial machines. The "Condition Monitoring System", **Monitor'IT**, recently won a trophy at the European Mechatronics Awards 2017 in Lyon (France) on 6th April 2017. A plug & play solution aimed at the Industry 4.0.

This solution combines magnetic and vibratory signals in a single acquisition box. The end result is total monitoring: bearings, gears, unbalances, misalignments, and structures.

NTN-SNR's magnetic acquisition technology has four advantages over methods based on vibration analysis: a sensor separate from the damaged shafting line, slow rotation speed (up to 5 rpm), low sensitivity to noisy environments, and a smaller number of sensors (60 % less in some cases).

NTN-SNR has turned its expertise acquired in the field of magnetic technology in rotating machines to good account. It has developed its own sensors and encoders and the associated signal processing technology. The stand will contain a space completely dedicated to this range: medium to high-resolution speed and position sensors.

NTN-SNR will also dedicate an area to the ULTAGE label. This will testify to the value of the certified range; extended service life, optimised maintenance costs, support throughout the entire bearing lifecycle, etc. The ULTAGE label now covers spherical roller bearings, tapered roller bearings and cylindrical roller bearings as well as high-precision bearings.

Innovation plays a major role in NTN-SNR's development strategy in every industrial market: mines & quarries, transmission, robotics, machine tools, rail sector, etc.

NTN-SNR ROULEMENTS, headquartered in Annecy (Haute-Savoie, France), belongs to Japanese Group NTN Corporation, a global leader in bearings. NTN-SNR manages and develops all NTN's activities for the EMEA region and Brazil. NTN-SNR, a major force as a designer, developer and manufacturer of bearings and sub-assemblies for the automotive sector, industry and aeronautics, offers a comprehensive range by also developing maintenance services and solutions. NTN-SNR employs 4,379 people at nine production sites, including six in France, as well as 18 sales offices.

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