

Approved by: NTN-SNR ROULEMENTS

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NTN-SNR will be at the Husum Wind Energy trade fair from 18th to 22nd September

NTN-SNR goes all out at the biggest international wind energy meeting

NTN-SNR will be at the Husum trade fair in Germany from 18th to 22nd September 2012. This is the largest international meeting of wind energy professionals. For the event, NTN-SNR will present its full range. Its bearings, used for rotors, multipliers, generators and slewing rings, have been developed closely with wind turbine designers and operators. As the industrial branch takes shape in France, NTN-SNR is making this market and its future developments a strategic goal. It is thus putting its R&D to work and planning new investments for a large bearings production unit.

An extensive range of bearings for all wind technologies

Providing all bearings used in wind turbines

NTN-SNR will present its vast range of bearings used for wind turbines at its stand at Husum: main shaft, multipliers, generator and slewing rings on nacelles or blades. After major investments in France, NTN-SNR can now meet all wind turbine manufacturers' demands. NTN-SNR now supplies manufacturers such as General Electric (US), GAMESA (Spain), REPOWER, NORDEX and ENERCON (Germany) and stood alongside new manufacturers during a call for tenders launched in France, which led to the allocation of four fields of wind turbines amounting to total power of 2 GW.

Proven reliability and related services

In addition, NTN-SNR offers a range of services so that its customers can get the best use out of the bearings. This includes an extensive lubrication range. Slewing rings, for example, are delivered with a specially designed centralised lubrication system. Apart from lubrication, which is essential for the lifespan of the bearings, NTN-SNR also offers monitoring and diagnostics services in which it has proven its expertise. For these fields it is in fact certified by Germanische Lloyds, a reference in the wind energy field. NTN-SNR also offers training courses, help in assembling and dismantling, expertise and maintenance tools.

NTN, a global partner

Another strength of the NTN group on the wind energy market is that it has wind turbine bearing production units all over the world, notably in Annecy in France, South Korea, Illinois in the USA, Nanjing in China and Kuwana and Hadatsu in Japan. This proximity with developing markets and wind turbine assembly sites and an ability for its engineers and designers to share innovation throughout its sites are all advantages that allow NTN-SNR to have successful relationships and guarantee profitability and quality.

NTN-SNR already involved in future wind energy developments

R&D structured around wind energy

NTN-SNR and more widely the NTN group dedicate considerable resources to R&D in the field of wind energy. A new test bench at the cutting edge of research, developed by NTN-SNR, is now in service in Annecy. With it, extreme conditions can be simulated and the behaviour of the bearings on multipliers can be analysed, and even the kinematics of large bearings can be better understood. The purpose of all of these devices is to improve the design and reliability of bearings for onshore and offshore wind turbines. Our R&D also involves other application fields, such as diagnostics and wireless monitoring, heat treatment of materials and anti-corrosive coatings (particularly for offshore use).

Considerable investments to help market development

NTN-SNR has already invested 17 million euros on the Seynod site in France for the production of bearings for the wind energy market. Thanks to these investments, it will be possible to produce spherical and cylindrical bearings for multipliers up to 1,200 mm in diameter.

NTN-SNR is already working to be a part of these very large bearings and intends to invest in a new production unit by 2014 for this type of bearing.

Green markets at the heart of NTN-SNR's development strategy

NTN-SNR's strong presence on the wind energy market confirms the group's priority for green markets and sustainable development, such as the development of electric vehicles or rail transport. NTN-SNR thus states its determination to be a major player in future developments in all of these fields.



NTN-SNR ROULEMENTS is the result of the merger of NTN and SNR ROULEMENTS in April 2008. Today it is part of the world's 3rd largest bearings group, NTN Corporation, and is specialised in bearings for the automotive, industrial and aerospace sectors. It is also developing maintenance services and solutions within its Experts&Tools department. NTN-SNR ROULEMENTS employs 5 128 people and owns 11 production sites in Europe and Brazil and 23 sales offices all over the world.



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