

Efficient tools and services for the optimal service life of bearings

NTN-SNR now offers a range of hydraulic nuts with more than 130 references available

NTN-SNR will in February offer of its enhanced range of hydraulic nuts with more than 130 references available to users and distributors. These hydraulic nuts are strategic parts to ensure the best mounting of medium to large bearings and so guarantee their service life. Their technical characteristics in terms of speed, safety and sturdiness position them as premium and particularly efficient tools. With one of the largest hydraulic nut ranges on the market, the logistics implemented by NTN-SNR currently enables it to maintain an immediately available stock to meet all requirements of its customers. This is a new illustration of the expansion policy of NTN-SNR's service offer at the heart of its development strategy. It thus establishes itself as a preferred partner to guarantee its customers the best service life of its bearings and so reduce their operating costs.

Innovations and technical characteristics which give increased efficiency

NTN-SNR offers on its hydraulic nuts, several technological innovations providing them with a genuine competitive advantage to carry out the mounting of large diameter bearings, particularly tapered bore spherical bearings such as the SRB ULTAGE from NTN-SNR used in heavy industries. These nuts can facilitate mounting, more quickly and safely, thereby providing a significant increase in productivity, and ensure the highest accuracy to guarantee an optimal service life of bearings. Four major innovations are as follows:

- **Automatic piston return**, patented device that offers a significant increase in speed for mounting bearings
- **Anti-corrosion heat treatment**, specific treatment that ensures increased durability of hydraulic nuts
- **Knurled sides** that ensure better gripping of the tool under difficult operating conditions and environments, particularly due to the presence of lubricants.

- **A safety system** that enables the release of excessive oil pressure to avoiding damaging the nut or endangering the operator
- All these characteristics enable the implementation of best mounting practices and help to avoid premature bearing failures. You should be noted that bad mounting can be the root cause of premature bearing failure. This can be particularly disadvantageous to large industrial applications in terms of down time.

A comprehensive range of services for mounting and dismounting

A full range of accessories are available for use with the hydraulic nuts including pumps, fittings, oil, adaptor sleeves and withdrawal sleeves. Apart from the tools, NTN-SNR's Experts&Tools department offers a complete range of services to its customers to ensure the best possible mounting. Technicians can be dispatched on site to carry out the operation. NTN-SNR's Bbox is currently available in France, Morocco, Germany and since last year in Great Britain, which enables all the tools to be brought on site and many maintenance operations to be carried out. Finally, NTN-SNR offers on site training to the user or even video tutorials presenting the best mounting and dismounting practices under actual conditions on test benches.

133 references for one of the most extensive ranges on the market

84 references in metric dimensions from HMV 10: 50 mm inside diameter to HMV 200: 1000 mm inside diameter

49 references in inch dimensions from HMVc 10: 1.967 inches inside diameter to HMVc 190: 37.410 inches inside diameter

3 Pump kit sizes

0.3 l > 700 bars

0.9 l > 700 bars

2.5 l > 1,500 bars

Find all the references in the online Experts & Tools catalogue at www.ntn-snr.com

NTN-SNR ROULEMENTS, with a head office at Annecy (Haute-Savoie, France), belongs to the Japanese group NTN Corporation, one of the world leaders in bearings. NTN-SNR ensures the management and development of all NTN activities for the EMEA region and Brazil. Major player as a designer, developer and manufacturer of bearings for automobiles, industry and aeronautics, NTN-SNR offers a comprehensive range by also developing maintenance services and solutions. NTN-SNR employs 4 225 people at 9 production sites, including 6 in France, as well as 18 business representations.

Press Contact: Carol DONAT- +33 (0) 4 50 65 30 27 – carol.donat@ntn-snr.fr