

Press release

NKE bearings for agricultural machinery

Steyr, Austria, October 2017. At Agritechnica 2017 in Hannover, Germany, NKE Austria presents bearings for agricultural machinery and for appliances for working ground and pasture land. Especially for tillage implements, NKE offers application-specific, preassembled, ready to use bearing units.

The robust bearing units designated Agri Units are designed for use in agricultural machines that require a rotating union between a disc-shaped tool and its mounting arm. These bearing units can be installed without a need for preassembly. They replace up to ten separate components, thereby reducing stock-keeping requirements to a single item. Developed in-house by NKE, the bearing units are used in seeding and manure spreader discs. A further application example is disc harrows with a disc diameter of up to 650 mm (*illustration*).

The bearing units have an optimized internal geometry that maximizes load capacity and tilting rigidity. A quality grease pack precisely dosed for the adverse operating conditions in the field ensures a long lubricant and therefore bearing life as well as good corrosion protection. The highly efficient combination of seals prevents dirt ingress into the bearing, and an outer protective cap protects the bearing from coarse dirt and mechanical damage.

For cases in which complete bearing units cannot be used in an agricultural appliance, NKE offers standard and special bearings, for example for balers, power take-off (PTO) gearboxes and crawler track systems.

“The growth market of agricultural machinery has been an important segment for NKE for 15 years now. We meet the ever increasing demands for integration, ruggedness and performance by continually developing our product range in line with customer expectations”, explains Daniel Thalmann, head of the Advanced Engineering department. Manufacturers of agricultural machinery benefit from the new department in Steyr, where findings from research and development are incorporated in NKE’s body of practical experience. In addition to product development, NKE offers users in the agricultural technology sector

comprehensive services that include consulting, design support, technical computation, training and assistance in obtaining certification.

Images:

Image 1: NKE bearing unit for disc harrows



Image 2: Model of a disc harrow with an NKE bearing unit



NKE at Agritechnica 2017:

12 to 18 November 2017, Hannover, Germany: Hall 15 Stand G18

About NKE Austria:

NKE Austria GmbH is a bearing manufacturer with headquarters in Steyr, Austria. The company was founded in 1996 by a group of senior staff members of former company Steyr Wälzlager. In 2016, Spanish automotive bearing manufacturer Fersa Bearings acquired an interest of 49 percent in the company. NKE offers both standard and special bearings for all industrial applications. Engineering, product development, production and final processing of components, assembly, quality assurance, logistics, and sales and marketing are centralised at its Steyr headquarters. The factory in Steyr is certified to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001. NKE's products are distributed through 12 international representative offices and more than 240 distribution outlets in over 60 countries.

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TPR International would be grateful for a sample copy of the publication containing this article.