

Press release

## **Rolling bearings from NKE for industrial gearboxes –**

### **Versatile solutions for demanding applications**

*Steyr, Austria, March 2011.* Bearing manufacturer NKE Austria GmbH introduces bearing solutions for industrial gearboxes at this year's Motion, Drive and Automation in Hannover. In addition to cylindrical roller bearings, the typical gearbox bearings include spherical roller and taper roller bearings as well as angular contact and deep groove ball bearings. Special bearings manufactured to customer specifications can also be supplied. NKE's gearbox bearings are used, for example, in general mechanical engineering, in mining and conveying systems, in heavy machinery, in the iron and steel industry and in wind turbines.

Rolling bearings in industrial gearboxes must withstand arduous duty. NKE supplies a wide range of bearing solutions for various operating conditions and requirements in industrial applications. A speciality of the Austrian bearing manufacturer are single-row cylindrical roller bearings, whose application possibilities are almost unlimited. NKE produces cylindrical roller bearings in more than 3,000 different designs and versions, suitable for high radial loads and moderate to high speeds. Made from the purest rolling bearing steel, the bearings have an exceptional lifespan, while the raceways' high surface quality keeps the operating temperature down and reduces wear. The inner and outer rings of these cylindrical roller bearings can be fitted separately, which simplifies installation. Efficient and reliable in operation, the bearings can be produced at short lead times in NKE's factory in Steyr, Austria.

In addition to cylindrical roller bearings, NKE's standard portfolio of industrial gearbox bearings includes spherical and taper roller bearings as well as angular contact and deep groove ball bearings. Special bearings for gearboxes are developed and manufactured in close cooperation with their users. NKE provides comprehensive technical service for gearbox manufacturers, which covers consulting, design support and analysis, and training. All NKE bearings are subjected to stringent quality procedures and are tested using state-of-the-art procedures and equipment.

**Illustrations:**

- 1: NKE produces rolling bearings for industrial gearboxes.
- 2: Model of a planetary bearing support for a 1.5 MW wind turbine gearbox with one planetary gear stage.

**NKE at Motion, Drive & Automation, Hannover, Germany from 4 to 8 April 2011:**

Hall 22 Stand B18

**About NKE AUSTRIA GmbH:**

NKE Austria GmbH is a bearing manufacturer headquartered in Steyr, Austria. Founded in 1996 by a group of senior staff members of former company Steyr Wälzlager, NKE produces standard and special bearings for all industrial applications. NKE's core functions – engineering, product development, 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. Its wide range of standard bearings are either available from stock or on short production lead-times. NKE also provides tailored products and solutions. In addition to product development and application engineering NKE provides a full range of technical services, consulting, documentation and training. NKE's products are distributed through 17 international representative offices and more than 240 distribution outlets in 60 countries.

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