Markgröningen, 17.05.18

**New at norelem: Universally applicable worm and bevel gear transmissions**

Maintenance-free small gears in various sizes are now available

**Extremely compact and efficient: The new worm drives from norelem are available in one size with a centre distance of 20 mm and 7 different ratio's from 13:1 to 65:1. With the bevel gears customers can choose from seven different sizes with shaft lengths between 32 and 60 mm.**

Due to a special encapsulated aluminium housing, the new mitre gears from norelem are maintenance-free. This housing reliably prevents lubricants leaking out and dirt getting in, which has a positive effect on the service life. By both transmission types the direction of rotation is arbitrary.

The **worm drives** are universally applicable. The left-hand worm wheel is made from a special brass and the worm screw from case-hardened steel. This material combination ensures a light running power transmission and high efficiency. The maximum axial and radial loads lay between 200 and 500 N. Output torques of up to 15 Nm are possible and the drive speed can be up to 1000 rpm.

The **bevel gear transmissions** with 1:1 ratio and up to 10 Nm torque cover a wide range of applications. They are fitted with surface hardened bevel gears and ball bearing mounted shafts. These bevel gear boxes can be mounted in any position using simple screw fasteners.

Characters including spaces: 1,356

Brief profile of norelem Normelemente KG

Every success begins with an idea. This is why norelem supports you in achieving your targets in machine and plant construction with an unrivalled selection of standard parts and components. THE BIG GREEN BOOK offers designers and technicians an extensive and clearly arranged assortment of quality components.

We support your project right from the start - with expert advice, a complete CAD database and fast delivery. norelem has been dynamically evolving for 60 years, consistently amending our portfolio and continuously optimising the logistics.

From our headquarters in Markgröningen, Germany and over our international locations, we are active in youth developement with schooling and workshops.

Characters including spaces: 701