Markgröningen, XX.11.2017

New from norelem: Worm screws and worm wheels for demanding continuous use

High quality worm gear components in diverse versions

**For constructing worm gear drives, norelem now supplies a wide variety of worm screws and worm wheels. They are available ex-works with centre distances of 17 mm to 80 mm, whereby several ratio's are available per centre distance.**

The right hand, case-hardened steel worm screws from norelem have ground flanks and bores. A bronze alloy with aluminium content to improve the chemical resistance has been selected for the worm wheels because of the better glide and dry-running properties. The worm wheels are optimal for continuous use at high speeds and high torques. The are mostly ready for use and can be mounted without having to be reworked.

The worm screws and worm wheels are sorted according to centre distance in the norelem catalogue THE BIG GREEN BOOK and in the online shop. There are several ratio's to choose from per centre distance. The reason: Only worm screws and worm wheels with the same centre distance or the same ratio can be combined to form a functioning worm drive. The centre distances are available in small increments from 17 mm to 80 mm ex-works.

A worm gear is a right-angled power transmission with synchronous height offset (centre distance of the crossed axis). The worm screw is normally the driving element. Very high ratio's from very slow to 100:1 can be realised with a worm drive with just one stage. Self-locking is possible depending on the ratio used. Other advantages of worm drives are the quiet running and low vibration.

Characters including spaces: 1,593

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 almost 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: 709