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New sizes of the low-backlash planetary gearboxes MPG and MPR from Wilhelm Vogel GmbH Antriebstechnik



The 3-volume catalogue with the VOGEL product lines servo gears, mechanical gears and industrial gears

PRESS - INFORMATION

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Innovative and reliable for 70 years

Jubilee celebrations at VOGEL Antriebstechnik

The gear specialist Wilhelm Vogel GmbH is 70 years old and celebrating the company jubilee at the Hannover Messe (Hanover Fair) 2017 with an extended range of products.

From a workshop in his parents house to one of the leading German gearbox manufacturers – in 1947 master mechanic Wilhelm Vogel founded his metalworking company in Oberboihingen and set the course for a successful company history. The first products made were components for the manufacturer of agricultural machinery and the company's own band saws. As soon as in 1950, the focus was already on gearwheel production, mainly for standard bevel gears. When the founder's two nephews Alfred Uhlmann and Willi Vogel joined the company in 1965, VOGEL expanded with new products. The main field of expertise switched to the development and production of helical gear bevel gears, thus laying the foundation stone for gearbox construction. Today, VOGEL Antriebstechnik supplies a comprehensive and finely graded modular range of bevel gearboxes, bevel helical gearboxes and planetary gearboxes. Thanks to the combination of unique problem-solving skills and decades of experience in a wide range of different industries, VOGEL has made a name for

itself worldwide as a specialist for customer-specific solutions.

Investments in cutting-edge technologies and innovative processes

Committed to achieving the best possible product quality, the company took the decision to convert the whole series production process for standard bevel gears to ground circular arc teeth according to Klingelnberg between 2002 and 2014. The innovative process makes it possible to manufacture gearboxes that offer an even better mechanical performance and thus maximum efficiency over the entire service life cycle. Furthermore, VOGEL has invested in setting up state-of-the-art lean processes in production planning and control, production, assembly and logistics. The expansion of capacities and optimisation of all the service workflows in both the sales and after-sales areas round off the measures taken to enhance quality and customer focus.

Series start for further sizes

Right on time for the Hanover Fair, VOGEL is starting the series production of its low-backlash planetary gearboxes MPR 400, 500 and 600 as well as MPG 400, 500 and 600. These are replacing the previous sizes MPR-04 and MPR-05 resp. MPG-04 and MPG-05 and enlarging the torque spectrum by up to 4,600 Nm. Like the small lines, they offer maximum flexibility and high power density. MPG and MPR differ mainly in the design of the output side. MPR gearboxes have a free output shaft without key, with optional versions with key or with toothed shaft DIN 5480 available. The MPG designs have a sturdy flanged shaft with generous screwing pattern here. The position of the screwing area in relation to the roller bearings at the output has been minimised in design terms, thus making large radial and axial loads possible. Thanks to their universal design, both series allow any type of installation and have a simplified, flexible motor attachment available. Users also benefit from a large, continuous ratio range.

Three product lines - one quality

“Servo”, “Industrial” and now “Mechanical”. Completed in time for the Hanover Fair: the 3-volume catalogue “Servo gears”, “Industrial gears” and “Mechanical gears”. “We have consciously categorised our gearbox types in three product lines according to application,” explains Managing Director Volker Uhlmann. “This means more transparency for customers and a fast overview of the gearboxes relevant for their applications.”

New web design for more customer service

Modern, efficient, multi-medial – VOGEL is setting new benchmarks with its new internet presentation too. The attractive design of the page impresses immediately. The relaunch stands out in particular thanks to high user friendliness, intuitive operation and maximum information. No matter whether the page is being viewed on a PC, tablet or smartphone, users can quickly find their way around and find the gears to match their respective project with ease. Technical data and CAD files in 2D and 3D formats can be found here, as well as industry solutions. The page will be going live in German and English to coincide with the Hanover Fair 2017. www.vogel-antriebe.de

Caption 1: [New sizes of the low-backlash planetary gearboxes MPG and MPR from Wilhelm Vogel GmbH Antriebstechnik](#) (source: Wilhelm Vogel GmbH Antriebstechnik)

Caption 2: [The 3-volume catalogue with the VOGEL product lines servo gears, mechanical gears and industrial gears](#)

(source: Wilhelm Vogel GmbH Antriebstechnik)

The press release contains 4,270 characters

About VOGEL Antriebstechnik

Wilhelm Vogel GmbH works with its customers to develop concepts for the economic design of their application. For this purpose, the most important peripheral parameters such as application conditions, loads, service life, speeds, movement workflows etc. are examined and recorded in advance in order to find the best product solution.

The products made by the medium-sized company based in the industrial region around Stuttgart include angular gearboxes such as spiral bevel gearboxes and bevel helical gearboxes as well as coaxial planetary gearboxes in a wide range of different sizes and versions. For 70 years now, Wilhelm Vogel GmbH has been dedicated to products and the market with a maximum of quality consciousness. The Swabian company takes an active part in forming the future of gearbox construction with its developments, however, thus ensuring the marketability of its customers.

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