



Newsletter July 2011

Dear customer,

the well-earned holiday is approaching, in fact some have already enjoyed theirs, and at the half-way point of the year we would like to inform you of some news.

In this newsletter we will continue the introduction of our team with Gerhild Hustädt.



She strengthened the Rotek team at the start of 2010 and is responsible for Marketing and PR work. She has supported us from her PR agency with press work since 2005. As we are about to expand our marketing activities, she now works daily on site in Bremerhaven.

In the remaining time she works at her office in Bremen for Rotek and other customers from trade and industry. For many years she worked as a PR Manager in the electronics and automobile industry and founded her own agency in 2003. www.gerhild-hustaedt.de

She has one grown-up son and lives in Bremen. In her free-time she spends a lot of time in her garden, likes reading, meeting friends, playing sport and rides a 25 year old scooter.

Blockage detection for single-phase synchronous motors

With capacitor motors it is usually possible to detect a blockage by a clear increase in engine current.



With single-phase synchronous motors a blockage can only be detected, due to the construction, by increasing the auxiliary phase voltage.

In general, blockages of motors and gears should be avoided, because they could shorten the life-span or lead to damage.

In some applications, however, this is not always possible. As a result Rotek has developed a simple circuit which recognises blockages on single-phase synchronous motors. We will be happy to provide our customers with this circuit diagram on request.

SPG precision planetary gear transmission for countless applications

With a high precision of approx. 10 minutes of angle, low backlash and low moment of inertia, the new precision planetary gear transmissions provide high torque.



An efficiency level of over 90 percent, compact construction and low-noise operation are further features which characterise these planetary gears.

By using special steel they achieve a high level of stability, and have a low weight thanks to their compact design. High quality sealing elements provide effective protection against water and dust.



The SPI range is available in the sizes 42, 60, 90 and 115 mm with transmissions from 3:1 (single-level) up to 100:1 (two-level). The permitted output torque ranges from 10 to 235 Nm. The gear backlash of the standard versions is 10 to 13, and in the low-backlash versions 5 to 7 minutes of angle.

The SPL range has the same product characteristics as the SPI range, but is designed as a 90 degree angle gear transmission. The force is transferred using spiral bevel gears.

The precision planetary gear transmission has a protection class of IP65. The place of installation can be chosen as desired.

New Rotek representatives in Switzerland and France



Since 1st June Geoelectric in Arlesheim near Basel is the Rotek partner in Switzerland.

In France, BOHEZ Concept & Support SA in Lyon will assume the sale of Rotek motors from 1st August.

Liane Giesges has been working for 25 years for Rotek/Hasselbach & Kausch

A work anniversary of 25 year is an increasingly rare event.



We are delighted that Liane Giesges has stayed true to Rotek for this long period of time.

She started work on 20th May 1986 at our predecessor company Hasselbach & Kausch Elektromotoren. In the meantime she has already been at Rotek for over ten years.

This was celebrated fittingly and everyone had a great time.

If you no longer wish to receive our newsletter, please send an E-mail to: newsletter@rotek-motoren.de

Kind regards

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