

Newsletter June 2012

Dear Customers,

Once again this year we were able to expand our team and we would like to introduce you to our new sales technician Andreas Müller in this newsletter.

The state-certified mechanical engineering technician who has a bias towards production and quality management is on hand as your contact for any technical queries. Andreas Müller attended Weilburg State Technical Academy and trained as an industrial mechanic before that.



He is 24 years old and lives in Cuxhaven. Since 2008 he has played an active role in the Voluntary Fire Service in Altenwalde. Before that he was involved with the German Federal Agency for Technical Relief (THW) in Cuxhaven for 10 years.

He spends most of his spare time with this hobby. He really enjoys it and it gives him the opportunity to gain many new experiences and to help people.

„With green credentials – synchronous motor with an innovative stator design achieves efficiency in excess of 90%,” specialist article in the German Zuliefermarkt magazine dated 3.4.2012

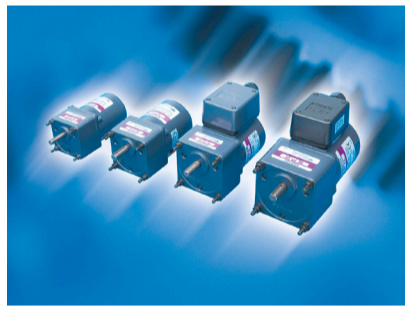


338 billion – This number of kilowatt hours could be saved each year in Germany with highly efficient drives - with drives like the "Rosync." The efficiency of this permanently energised synchronous motor achieves values in excess of 90% thanks to its optimised rotor and special plastic bonded high-performance magnets. And with its "GreenDrive Technology" it is significantly smaller than standard motors with the same performance...

[You can download the article on our website \(Rotek in the media\)](#)

AC standard motors from SPG with an electromagnetic brake

These proven AC standard motors are ideally available with an electromagnetic brake. This is installed on the rear end of the motor. The function is simple and reliable: as soon as voltage is present, the electromagnets release the brake disc. When switched off, springs press against the brake disc and the rotor comes to a standstill practically immediately.



Benefits:

- Come to a standstill much faster
- Low wear and tear on the brake ring and brake disc
- Lower noise generation
- Motor and brake can have the same power source.

The brakes provide braking force of 0.2 to 1.0 Nm depending on the model. The reaction time is 75 – 125 ms. This represents one to two rotations on the motor shaft.

Rotek now has another agency in India

Rushi Mechatronics is now operating as a second sales partner in India. The company is owner-managed and has its headquarters in Pune, 160 km from Mumbai.



Six project engineers and six further sales engineers work there. There are two branch offices in Surat and Ahmedabad. Rushi Mechatronics has many years of experience in the field of industrial automation and works for the printing, packaging, textile, pharmaceutical and rubber processing industries, amongst others. There are now ROTEK agencies in 24 countries around the world.

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Kind regards

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