



Carbon Technology

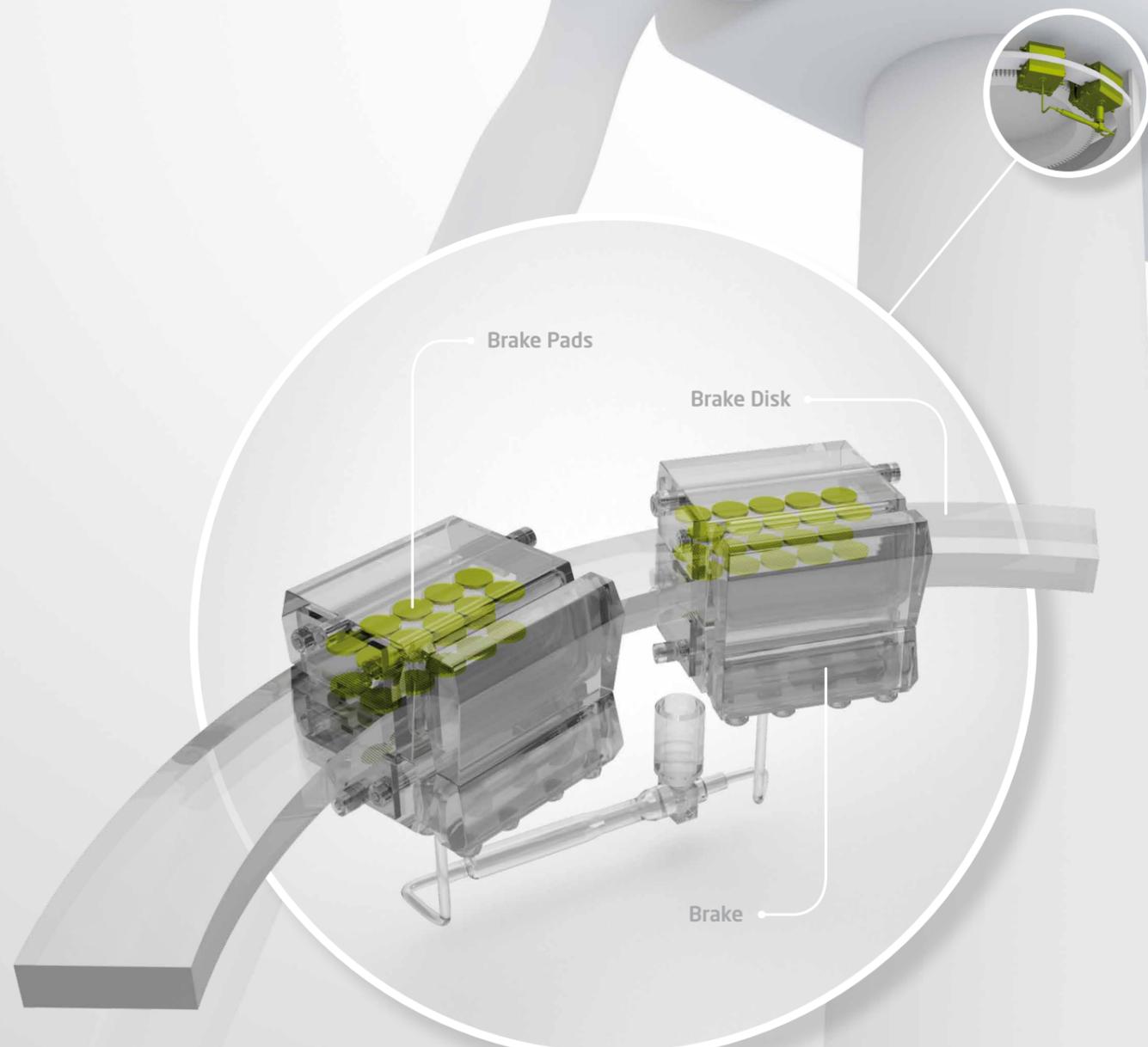
Wear-resistant brake pads combined with low-noise operation

Schunk carbon brake pads for the yaw system



We'll provide you with tailwind

The goal of expanding and developing wind power is ambitious. Don't let yourself be thwarted by high noise emissions in populated areas. With our silent and virtually wear-free brake pads for yaw brake systems we provide compelling arguments for more sustained onshore and offshore operation.



Continuously more efficient—inorganic brake pads by Schunk Carbon Technology

Schunk brake pads are based on a basic material: carbon, and are distinguished from conventional organic brake pads by their extraordinary low-noise operation. Carbon coatings do not vitrify, which prevents squeaking noises when braking. Even extensive overworking of the coating during noise production is no longer present, and destructive vibrations as well as noise caused by the stick-slip effect are completely avoided by Schunk brake pads.

Remaining cleanly and economically on course

Schunk brake pads operate virtually wear-free and with very low abrasion—the interior of the nacelle remains clean and important components will not be contaminated by brake dust or possibly damaged. Furthermore, the brake pads are virtually maintenance-free due to their exceptional wear-resistance. Thus, the costly and time-consuming service intervals especially in the offshore sector can be optimized. Resistant to various lubricants Schunk carbon brake pads provide reliable braking functions, operational safety and cost efficiency over a long time period.

Carbon Brake Pads FM08C



You can rely on:

- Low-noise operation—less vitrification of the brake pads
- Reduction in the stick-slip effect—approximately the same static and dynamic friction coefficient
- Wear resistance—less abrasion, less pollution
- Resistance to lubricants
- Universal application—for both onshore and offshore
- Longer service intervals—reduced downtime, positive cost-benefit analysis

Schunk Carbon Technology

Imaginative. Cutting-edge. And always on your side.

Schunk Carbon Technology is a division of the global technology group Schunk Group with around 8,100 employees in 29 countries and is recognized as a worldwide leader in the development, production and use of carbon and ceramic solutions. As a components and development partner of the wind power industry, we deliver, within our highly specialized product portfolio, electrical carbon and mechanical carbon brushes and holders, slip rings, shaft grounding and lightening protection systems for reliable power transmission and wear-resistant mechanical components for wind turbines.

More about us and our portfolio can be found at
www.schunk-carbontechnology.com.

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