WIND POWER

SLIP RINGS
ROTARY UNIONS
COMBINED SYSTEMS

FOR HYDRAULIC AND ELECTRIC
BLADE PITCH CONTROL
SLIP RINGS

RELIABLE AND PROFITABLE
Our slip rings of the ROTOFLUX series with proven gold/gold technology provide an excellent transmission of power, signals and data. Compared to commonly used carbon brushes, wear is reduced to near zero.

SAFE HIGH SPEED DATA TRANSMISSION
The contactless capacitive transmission technology of the ROTOCAP series currently provides the most reliable data transmission for 100 Mbit/s. With our fiber optical rotary union ROTORAY we can offer transmission rates up to 30 Gbit/s.

HIGH SYSTEM AVAILABILITY
Using different types of transfer technology means diverse redundancy and hence ultimate reliability. A targeted and sustainable solution to increase your plant availability.

ROTARY UNIONS

EXTREMELY LONG SERVICE LIFE
The tried-and-tested ROTOSTAT E sealing system uses a hydrostatically controlled radial gap seal, ensuring reliable operation even under the most demanding operating conditions.

MAINTENANCE-FREE
The contactless sealing system has very low friction, reducing wear to the minimum. Cost savings are considerable.

RELIABLE OPERATION WITHOUT MINIMUM PRESSURE
The ROTOSTAT E system is designed for IDLE mode despite minimal leakage.
CUSTOMER-SPECIFIC COMPLETE SYSTEM FROM A SINGLE SOURCE

The ROTOKOMBI system allows all rotary union and slip ring types to be combined. The result is a complete rotary transmission system from a single source, with perfectly matched interfaces.

SLIP RING or ROTOKOMBI
- for wind turbines from 1.5 MW to 7 MW
- Onshore / Offshore

OPTIMALLY MATCHED WITH FLEXIBLE EXTENSION OPTIONS

ROTOKOMBI systems ensure that an optimally adapted sealing system is available for any medium. For any type of electrical transmission a corresponding system is selected to ensure adequate reliability. Thanks to the modular design, individual components can be replaced, retrofitted or upgraded as necessary.

COMBINED SYSTEMS

ROTOKOMBI
- Rotary Union + Slip Ring
- Slip Ring + Optical Rotary Union
- Rotary Union + Slip Ring
CUSTOMIZED SOLUTIONS
DESIGNED TO SUIT YOUR APPLICATIONS

ACCESSORIES
• Customer-specific piping packages
• Cable connection sets
• Application-specific connectors
• Coupling variants
• Angular transmitter with coupling
• Integrated heating systems

OPTIONAL
• Optical data transmission technology
• Contactless capacitive data transmission technology

SERVICE
• Engineering and consulting
• Upgrades of existing systems
• After-Sales-Service

Visit our website to find the Moog office nearest you, www.gat-mbh.de

For product information, visit www.gat-mbh.de/en/applications/windpower
For service information, visit www.gat-mbh.de/en/contact/service

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