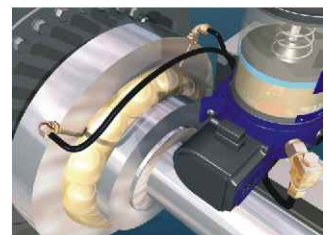
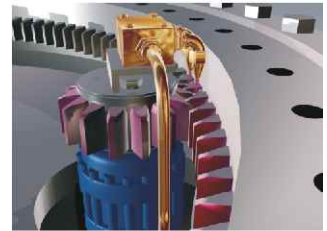


CENTRAL LUBRICATION SYSTEMS FOR WIND CONVERTERS

- The ideal lubrication system for each application
- Innovative technology for efficient wear reduction
- Tried-and-tested components for highest operational reliability
- Also with electronic monitoring



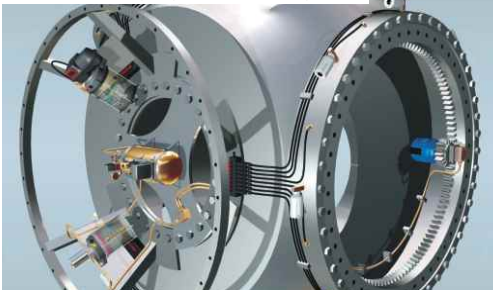
...made by



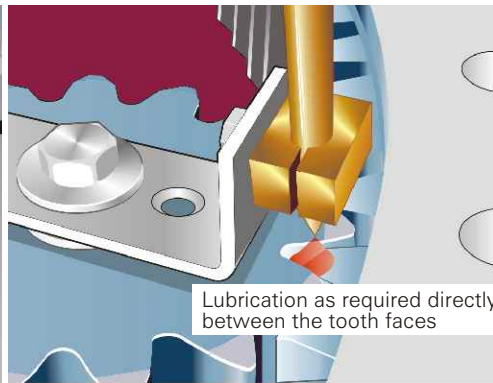
Tailor-made lubrication systems for wind converters

BEKAWIND
FLOW

Blade bearing with single line system and spray lubrication system



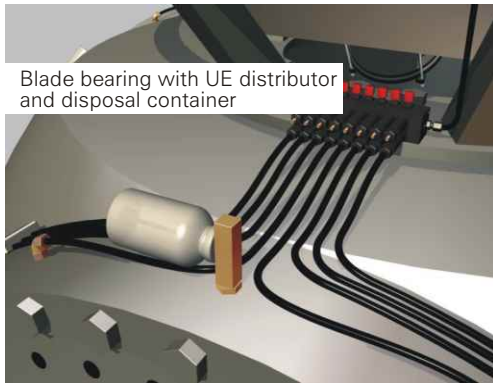
The precise and efficient spray system prevents overlubrication



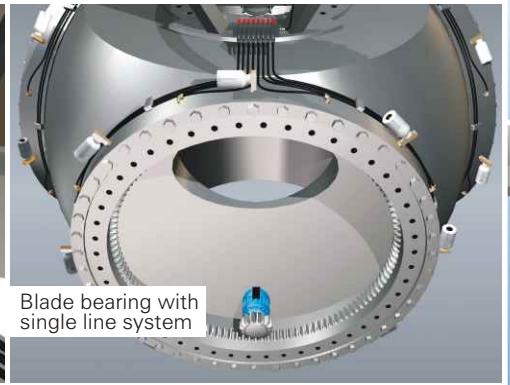
Lubrication as required directly between the tooth faces



BEKAWIND
TRAX



Blade bearing with UE distributor and disposal container

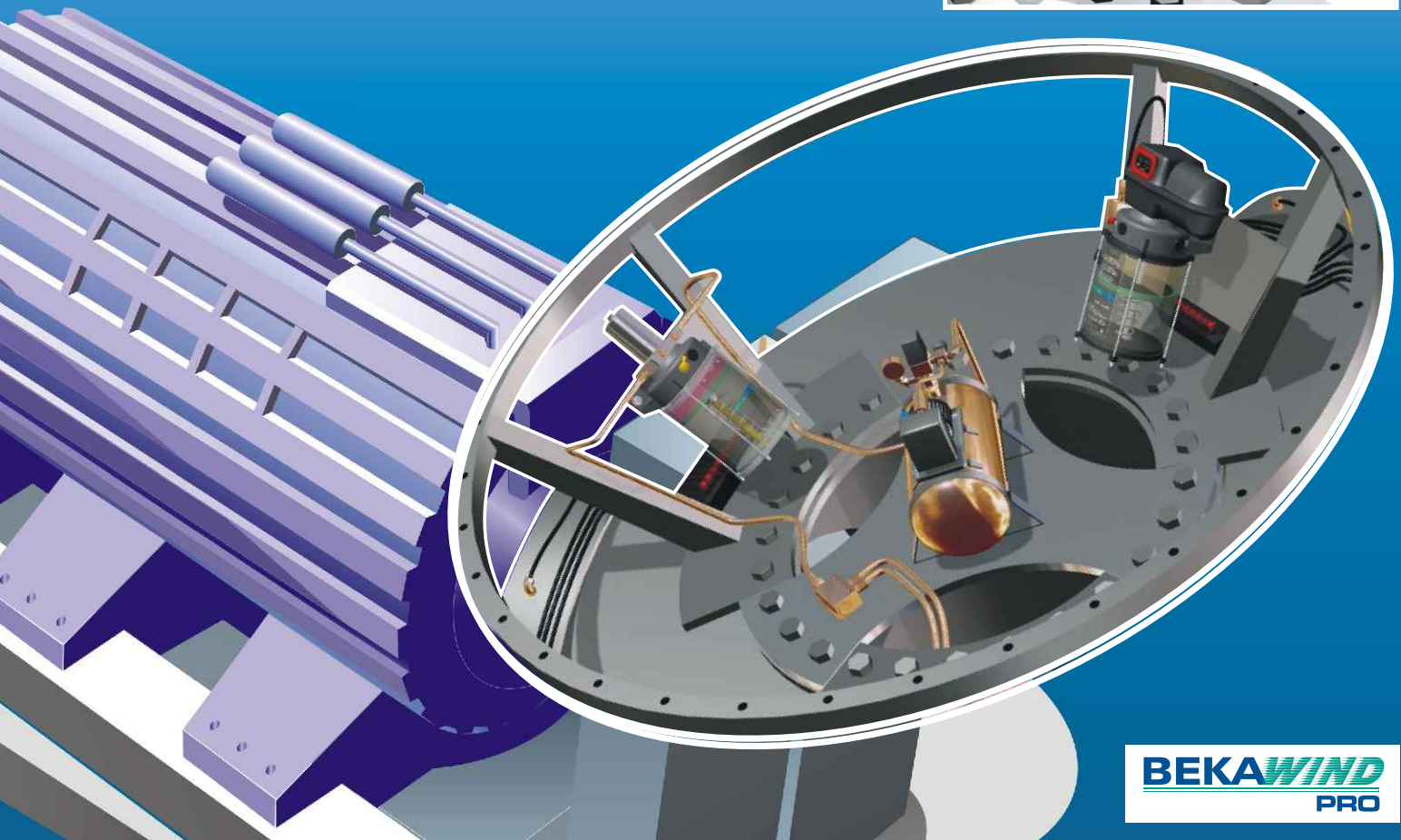


Blade bearing with single line system

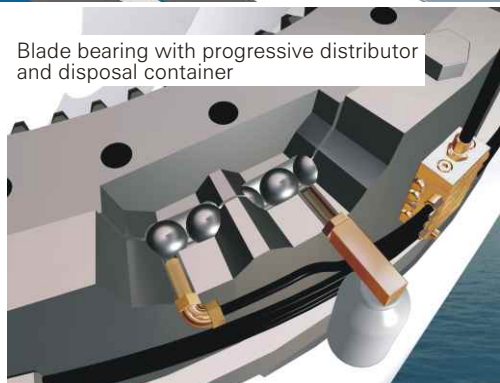
BEKAWIND
SINGLE



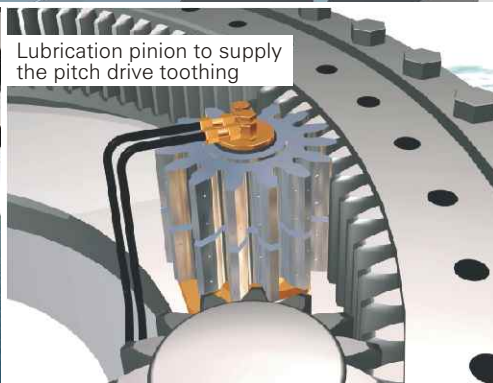
Grease pump FKGGM-EPR for rotating use



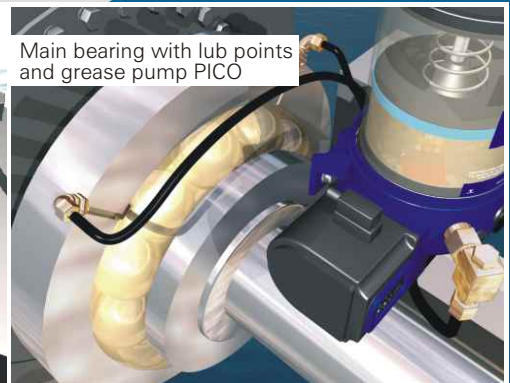
BEKAWIND
PRO



Blade bearing with progressive distributor and disposal container



Lubrication pinion to supply the pitch drive toothing



Main bearing with lub points and grease pump PICO

The ideal lubrication system for each application:

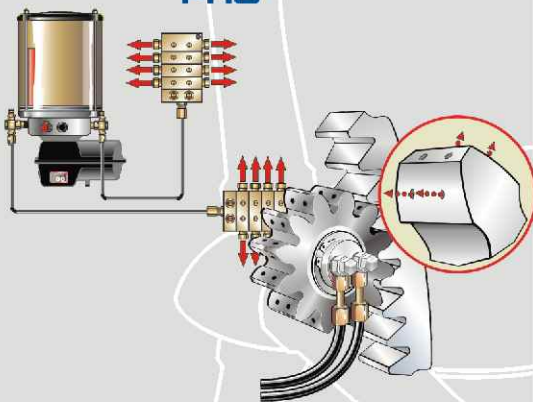
BEKAWIND SINGLE



The single line system

- The solution for multi megawatt wind converters
- Ideal for offshore application
- High operational reliability at low ambient temperatures
- For all types of grease up to NLGI 2

BEKAWIND PRO



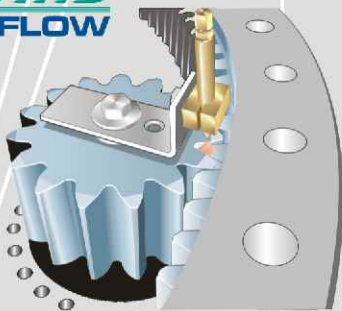
The progressive system

- The flexible lubrication system with monitoring
- For oil and grease up to NLGI 2
- Modular design for easy service
- High functional reliability with blocking control

The solution with lubrication pinion

- The lubrication system for all kinds of toothings
- Lubrication only during intermeshing
- Suitable for lubricants with solids

BEKAWIND FLOW



The spray lubrication system

- Highly efficient contact-free technology
- Supply even during standstill of the tothing to avoid tribo corrosion
- Very low lubricant consumption
- No more pollution by overlubrication - no need for cleaning

BEKAWIND TRAX



The monitoring system

- Monitoring of important technical parameters of the lubrication system and of the wind converter
- Implementation of Condition Monitoring systems possible
- Remote adaptation of lubrication parameters
- Integration into the maintenance system of the wind park

Our specialists will be pleased to inform you!

CENTRAL LUBRICATION SYSTEMS FOR WIND CONVERTERS

Wind converters are subject to high mechanical loads.

They have to work with absolute reliability. Break down due to lack of lubrication is an avoidable failure.

A central lubrication system continuously supplies fresh lubricant to the connected lub points. The right quantity at the right time.

That's why a reliable lubricant supply of a wind converter can only be realized with automatic lubrication systems.

The design of BEKAwind central lubrication systems is adapted individually to each wind converter and its operating conditions. All important components like bearings, toothings and adjustment devices are supplied with precisely metered quantities of lubricant at the right time.

Depending on the application, different BEKAWIND systems are employed:



BEKAWIND SINGLE

the tried-and-tested single line system.

BEKAWIND PRO

the flexible progressive system.

BEKAWIND FLOW

the innovative spray lubrication system.

This broad product range is completed by

BEKAWIND TRAX

the multifunctional telemetric platform.

Design and layout of the central lubrication system are decisive for economic efficiency, service life and operational reliability of the whole wind converter.

The BEKAWIND specialists will be pleased to support you all around central lubrication!

BEKAWIND

Tailor-made lubrication systems for wind converters.



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Industrial Lubrication

Vehicle Lubrication Systems

Spray Lubrication Systems

Lubrication Systeme for Filling
and packaging Industries

Lubrication Systems for Wind Converters

Lubrication Systeme for Wood Yards
and Saw Mills

Environmental Technology

Control and Monitoring Electronics

Telemetric Systems

Machines, Plants, Tools



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