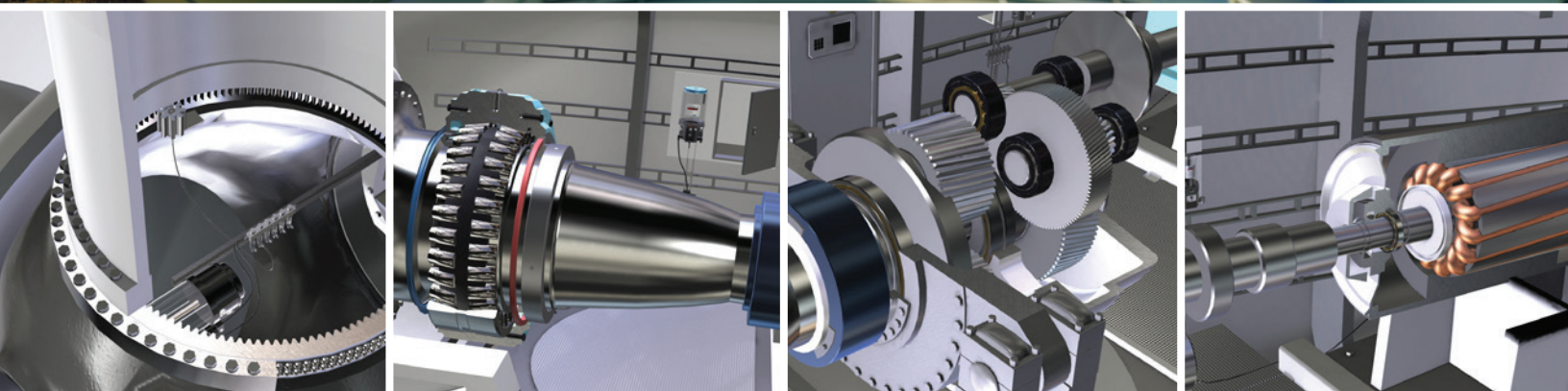


SKF solutions to optimize wind farm performance

Stay competitive and solve your technical challenges



SKF Solutions to optimize wind farm performance

SKF offers a wide variety of solutions to help wind farm operators meet the needs of the ever-expanding range of wind turbine sizes and designs.

A Main Shaft

Full system solutions optimized for wind applications.

SRB Wind

Customized main shaft spherical roller bearing design optimized for a more sustainable, reliable, cost-effective solution. By eliminating unnecessary features and improving those critical to the application, the robust SRB Wind symmetric design provides cost advantages over competitive a-symmetric designs.

SKF Nautilus

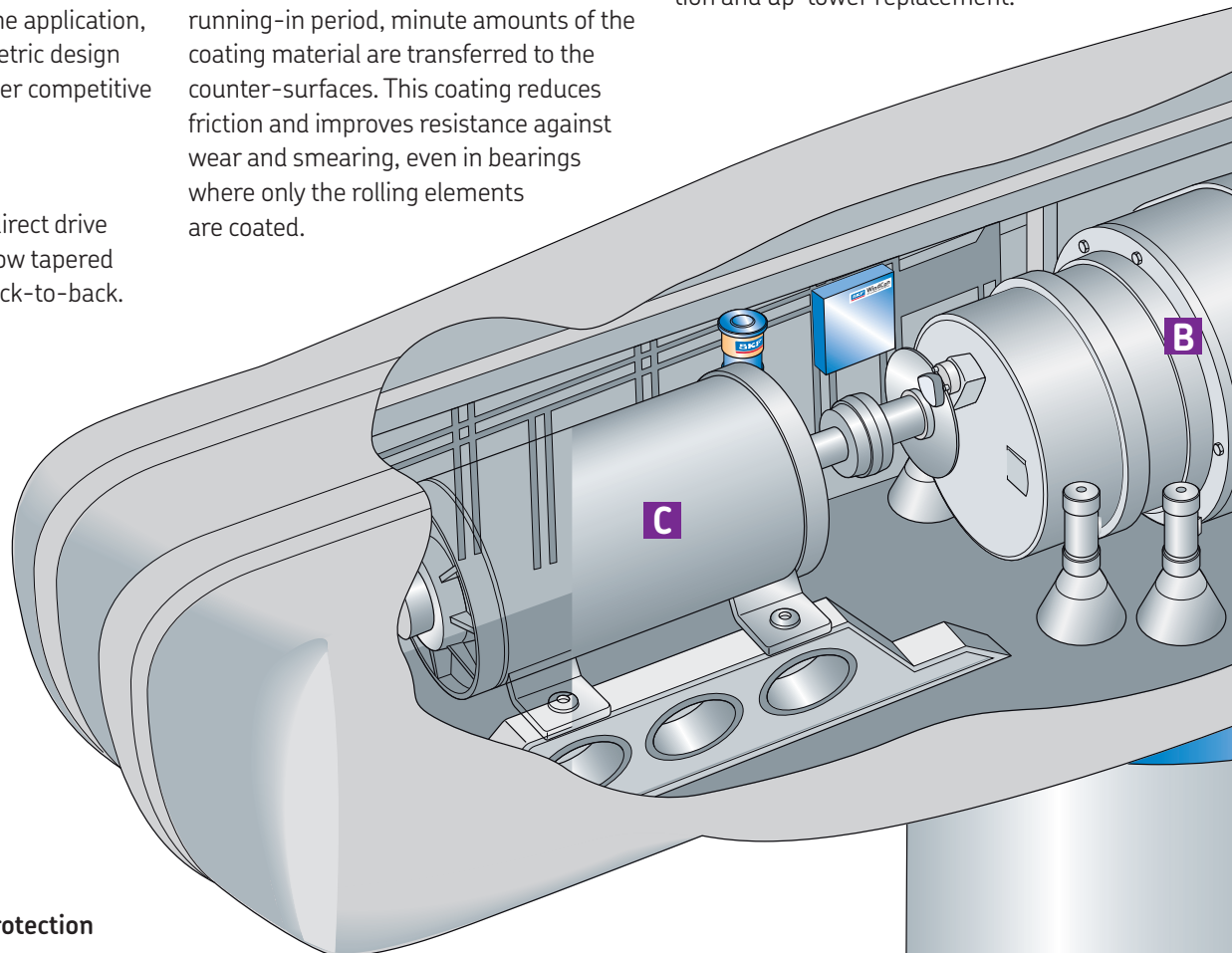
Single bearing solution for direct drive turbines, based on double row tapered roller bearings, arranged back-to-back.

SKF NoWear coated bearings

Wear-resistant carbon coating that can be applied to the rolling elements of a bearing to provide a unique combination of low friction and high hardness. During the running-in period, minute amounts of the coating material are transferred to the counter-surfaces. This coating reduces friction and improves resistance against wear and smearing, even in bearings where only the rolling elements are coated.

SKF industrial seals

Completely customizable, keeps lubricant in place, excludes contaminants, increases reliability and performance, easy installation and up-tower replacement.



C Generator

Superior insulation and protection against stray currents.

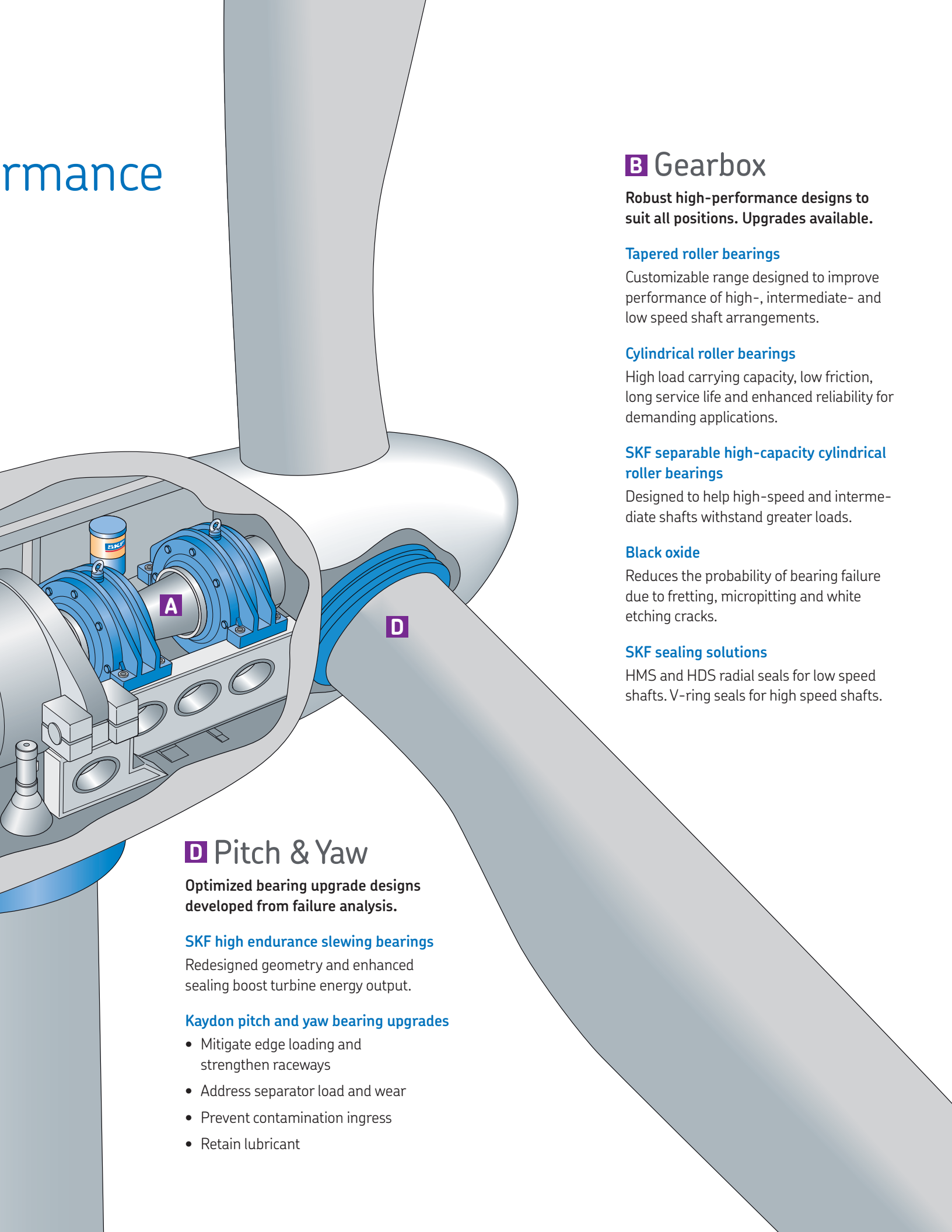
SKF & MRC hybrid bearings

Upgrade to hybrid bearings to protect turbine generators. The ceramic rolling elements virtually eliminate the risk of electrical damage and the huge repair costs and lost energy production associated with it.

INSOCOAT bearings

The special aluminum oxide coating in this upgrade greatly reduces current passage to help eliminate premature failure caused by stray electric currents.

rmance



B Gearbox

Robust high-performance designs to suit all positions. Upgrades available.

Tapered roller bearings

Customizable range designed to improve performance of high-, intermediate- and low speed shaft arrangements.

Cylindrical roller bearings

High load carrying capacity, low friction, long service life and enhanced reliability for demanding applications.

SKF separable high-capacity cylindrical roller bearings

Designed to help high-speed and intermediate shafts withstand greater loads.

Black oxide

Reduces the probability of bearing failure due to fretting, micropitting and white etching cracks.

SKF sealing solutions

HMS and HDS radial seals for low speed shafts. V-ring seals for high speed shafts.

D Pitch & Yaw

Optimized bearing upgrade designs developed from failure analysis.

SKF high endurance slewing bearings

Redesigned geometry and enhanced sealing boost turbine energy output.

Kaydon pitch and yaw bearing upgrades

- Mitigate edge loading and strengthen raceways
- Address separator load and wear
- Prevent contamination ingress
- Retain lubricant

SKF offers solutions to extend the bearing life cycle

Maintenance and Repair

- SKF Induction Heaters
- Hydraulic tools
- Shaft alignment tools
- Sealing solutions
- Grease pumps
- Basic condition monitoring tools
- SKF online monitoring – IMX-8

Lubrication

- Automatic single-line or progressive lubrication systems
- Grease

Accessories

- HMS lock nuts
- Housings
- Couplings

Supply Chain Optimization

- Bearing remanufacturing
- Spare parts management

SKF Resources for Wind Energy

SKF Bearing, Seals and Maintenance Products

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