

# Boost wind turbine gearbox reliability and performance

## With SKF separable high-capacity cylindrical roller bearings.

Realizing the full potential of wind power generation means being able to meet the growing demands on reliability and operational efficiency. SKF separable high-capacity cylindrical roller bearings for wind turbine gearbox shafts can help.

### Reducing costs per MW hour

The unique, compact design of this bearing reduces the risk of smearing and premature bearing failures on high-speed shafts. It also allows high-speed intermediate shafts to withstand higher loads. Enhancing our proven SKF cylindrical roller bearing design with trusted SKF technologies – including a black-oxide treatment and a high-capacity, low-inertia cage – has made these benefits possible. Thanks to the innovative features making it separable, this robust bearing design can be simply mounted and dismantled. So when replacement is required, especially top-of-turbine, it can be accomplished quickly and easily – helping to reduce operating, maintenance and lifetime costs per MW hour.

For more information about SKF products and solutions for the wind energy industry, visit [www.skf.com/wind](http://www.skf.com/wind) or contact your SKF representative.



*The optimized internal design of SKF separable high-capacity cylindrical roller bearings helps to reduce wind turbine gearbox shaft failures.*

- Reduce risk of smearing
- Increase load carrying capacity
- Increased robustness
- Mount/dismount quickly and easy

