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 dismounted. 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 or contact your SKF representative.