

ROTOR BEARING SUPPORTS
FOR WIND TURBINES

Spherical Roller Bearings



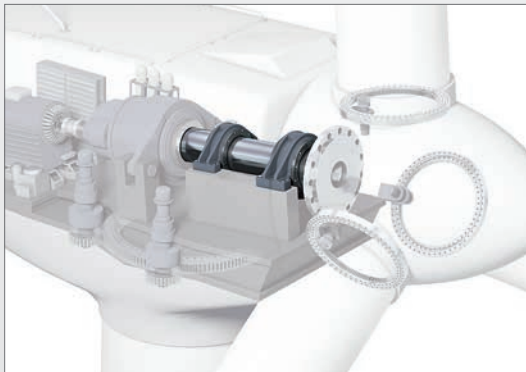
Take an interactive
look at the product!



FAG

SCHAEFFLER

Optimized FAG spherical roller bearing for a longer operating life



Reliable rotor bearing supports

The rotor shaft bearing support is of central importance in wind turbines. This is where all the forces act that are induced by the wind. The locating bearing is thereby subject to particularly high axial loads as a result of the wind forces. We have optimized our proven standard spherical roller bearings in order to better fulfill the specific requirements in the wind turbine.

Optimized internal geometry

- Reduced vibration in the drive train due to higher axial bearing rigidity
- Increased robustness of bearings due to reduction parameters for contact pressure and wear

Additional customer-specific features for a longer operating life

- Durotect B for preventing white etching cracks
- Triondur C for reducing wear under mixed friction conditions
- Schaeffler Wind-Power-Standard for increased reliability

