



Turn on the safe side

Trusted for more than 25 years in designing, manufacturing and supplying large diameter bearings for wind turbines.



5MW single main bearing

Wind Turbines

Single Main Bearings

- from 250 kW to 5+ MW

IMO Single Main Bearings

for shaft- and gearless direct drive wind turbine generators

- proven triple row cylindrical roller bearing design
- cost-efficient design – no main shaft required
- high load carrying capacity
- reliable and compact design
- simple and efficient mounting process
- single piece cages made from non-ferrous metals
- equipped with high performance sealing system
- fit for grease or oil lubrication

IMO supplies to leading OEMs in wind turbine manufacturing.

More than ...

- 36 GW delivered worldwide
- 75,000 IMO large diameter bearings for wind turbines in use
- 10% of the worldwide wind turbines are equipped with IMO bearings

Your most cost-efficient choice over the entire service life.





IMO Single Main Bearings

- more than 2,500 single main bearings from 250 kW to 5 MW in service
- more than 1,000 IMO single main bearings in service for over 5 years
- 2 MW class operating in the field since 2001



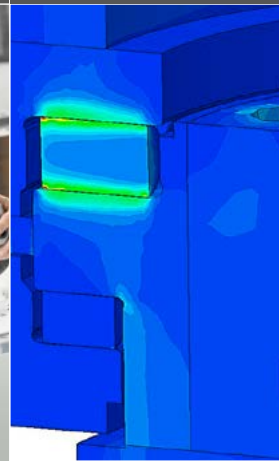
5 MW direct drive wind turbine generator



900 kW direct drive wind turbine generator



2 MW Single Main Bearing undergoing quality inspection



▲ Applying German engineering expertise, IMO designs slewing rings for wind energy installations using benchmark FE models.

IMO is certified according to the standards ISO 9001, ISO 14001 and OHSAS 18001.

IMO

made in Gremsdorf, Germany

More than 25 years on your side.



T-SOLID

pitch on the safe side

unfolds new perspectives for reduced cost of ownership, ensuring your return on investment!

Find more information at: www.t-solid.com

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IMO follows the technical guidelines set by leading certifying authorities when calculating the slewing ring performance and life capabilities.



www.imo-wind.com