Pitch on the safe side

IMO Blade and Yaw Bearings have proven their 20 years 24/7 design life in the field.

Wind Turbines Onshore

Blade & Yaw Bearings

IMO Onshore

- designed & calculated by bearing experts
- track record of 25 years
- in service with the majority of the top 10 wind turbine OEMs
- leak-proof seal system used with low wind site rotors exceeding 110 m

„…trust one of the leading suppliers!"

More than…

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

- 100 kW to 6+ MW
- used with hydraulic & electric pitch
- single/double row blade bearings
- triple row roller bearings
- yaw gear rims

www.imo-wind.com

IMO Blade & Yaw Bearings

- made from 42CrMo4QT
- ball sizes up to 80 mm
- 4-point contact raceway configurations, alternatively 0° / 90° contact angles (triple race designs)
- superior sealing solutions replaceable in the field
- non-corroding sealing surfaces
- corrosion protection levels including C5
- sand blasted & zinc flame sprayed surfaces
- multi-coat paint systems

5 MW wind turbine generator including IMO blade bearings

© Gamesa

3 MW-class blade bearing, electric pitch / external gears

© Senvion SE, 2014

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

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

2 MW-class blade bearing, electric pitch / internal gears

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

DNV·GL · DEWI OCC a UL company · Lloyd's Register · 鉴衡认证 CHINA GENERAL CERTIFICATION · BUREAU VERITAS

IMO

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

Headquarters
IMO GmbH & Co. KG
Imostr. 1
91350 Gremsdorf
Germany
Tel. +49 9193 6395 - 3126
Fax +49 9193 6395 - 3140
wind@imo.de

Your contact in China
Germany IMO GmbH
Beijing Representative Office
Tel: +86 10 85296463
china@imo.de

Your contact in the US
IMO USA Corp.
Tel. +1 843 779-5377
americas@imo.us

www.imo-wind.com