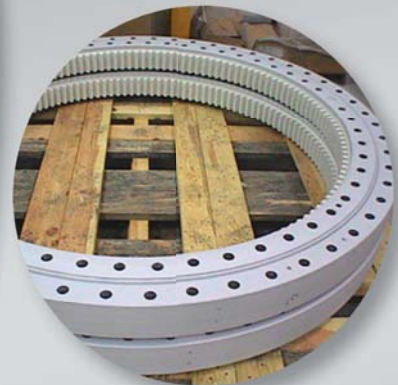


Quality Turbine Bearings for Wind Energy



TURNING IDEAS INTO ENGINEERED SOLUTIONS



www.kaydonbearings.com

The experience and excellence you need for wind energy bearing solutions

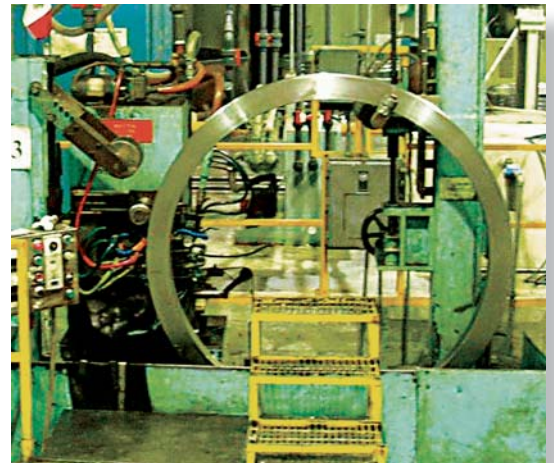
Wind turbine manufacturers need a bearing supplier with experience and capability to support critical pitch, yaw and gearbox applications in systems from 200 kW to 5.0 MW and beyond. To meet these challenges, consider Kaydon Bearings Division.

Kaydon is North America's leading supplier of wind turbine bearings. We have been a global industry leader for over 60 years in large diameter custom bearings. In addition to wind energy, Kaydon has design and manufacturing experience in many applications that require long operating life under demanding conditions: from rugged earth-moving and construction equipment, to steel-mill ladle bearings and large cranes for land and offshore use.

Experience in both design and manufacturing are critical reasons why leading original equipment manufacturers count on Kaydon to supply their current requirements, as well as to work with them on the next generation models. Kaydon supplies economical

high quality bearings that provide long life and decrease cost of ownership. We also work with manufacturers to meet demand fluctuations of the industry. We have been in wind energy for 20 years and understand what it takes to become a long-term, valued supplier.

Kaydon design experience enables us to be a valuable contributor to the design process. Often we can work with OEM design staffs to optimize the bearing to meet the performance and life requirements for the intended application with the most economical bearing design. Whether it is high or low wind speed; land based or off shore; 200 kW or 5.0 MW, Kaydon engineers can help specify the bearing type, size, gear specifications and bolting arrangement to meet critical customer requirements and industry regulations such as those specified by Germanischer Lloyd "Non-Marine Technology – Offshore Wind Energy".

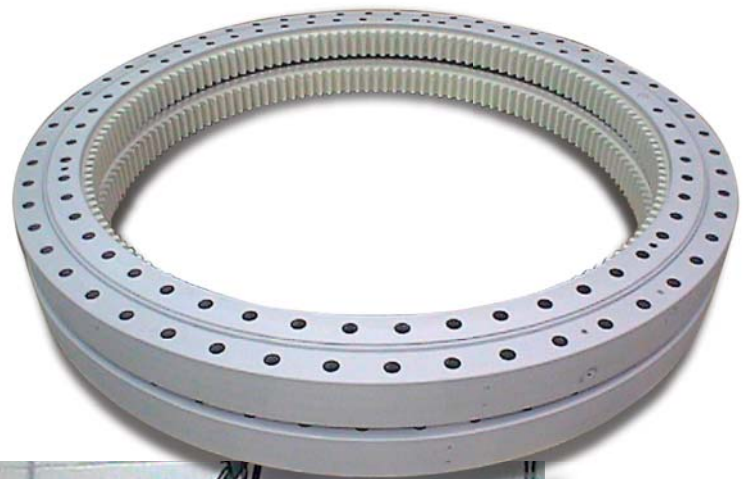


Experience in offshore applications enables us to help you specify the most appropriate corrosion resistant coatings whether they are zinc, paint, or other surface treatments. Kaydon can also work with you to meet critical material requirements for operating temperatures down to -40°C and below. Unique sealing arrangements are available for severe operating conditions. And, manufacturing capability accommodates both internal and external gear designs in both hardened and unhardened conditions.

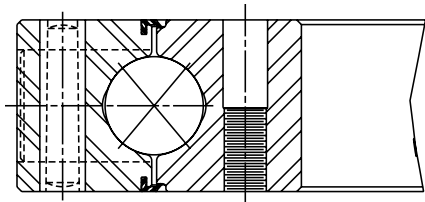
Kaydon Bearings Division presently manufactures wind turbine bearings in modern facilities located in both the United States and in Mexico. These facilities have in-house machining, drilling, gear cutting, gear

hardening, plating and painting that meet stringent industry quality requirements, including ISO 9001-2000. Modern, flexible manufacturing principles, such as cellular manufacturing, Six-Sigma principles, lean manufacturing and B2B capabilities, enable us to maintain cost control and production through-put so that we can be competitive around the world. And, Kaydon's financial strength enables us to grow internally and around the world to meet changing customer needs.

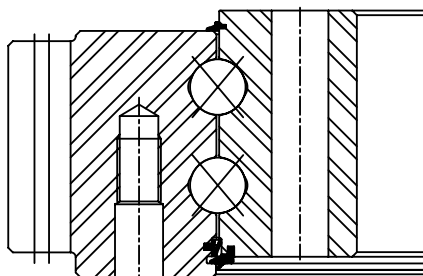
For your demanding requirements consider Kaydon; we have the experience and excellence you need for wind energy bearing solutions.



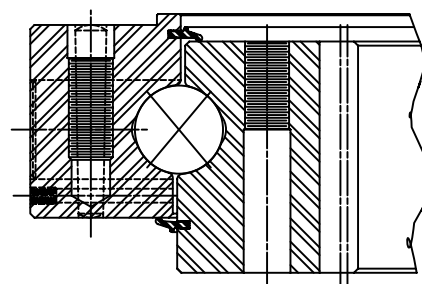
For design assistance contact Kaydon Engineering at **+1 231 755 3741**



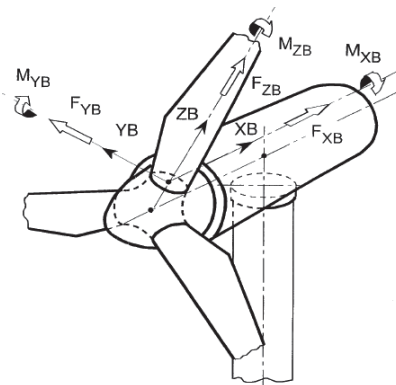
***Plain 4-Point
Contact Ball Bearing***



***Externally Geared 8-Point
Contact Ball Bearing***



***Internally Geared 4-Point
Contact Ball Bearing***



Design Assistance



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