

Save with SKF Kaydon bearing reman

The wind turbine bearings leader

Kaydon, an SKF Group brand, is North America's leading supplier of wind turbine slewing bearings, with more than 30 years of proven experience serving the renewable energy market.

The SKF Kaydon wind energy team has the unmatched experience and engineering expertise to support a wide variety of critical pitch and yaw applications.

Significant cost and time savings

SKF Kaydon Bearing Remanufacturing Services takes pitch and yaw bearings that are ready to be replaced and expertly remanufactures them back to original new bearing functionality, at savings of 40% or more compared to brand-new replacement bearings.

Remanufactured (Reman) bearings can be delivered and returned to service in a fraction of the time it would take to receive a new bearing. Four-point and eight-point contact double row bearings up to 144" in diameter are eligible.

Bearings remanufactured by SKF Kaydon:

- can reduce total life cycle costs of wind turbines
- can be remanufactured to original new bearing functionality
- extend bearing life cycle
- improve productivity when kept as emergency spares
- help avoid costly downtime
- come with standard SKF new-bearing warranty

SKF Kaydon remanufacturing services include:

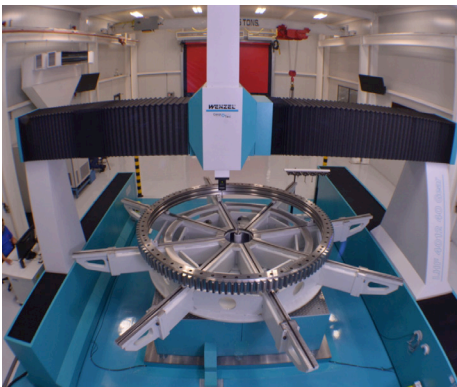
- inspection in one week or less (typically)
- non-destructive testing
- technical evaluation
- inspection summary report
- six- to eight-week turnaround (subject to component availability)
- emergency remanufacturing services



SKF Kaydon bearing reman facilities and expertise

Decades of experience in bearing remanufacturing

Dedicated, state-of-the-art remanufacturing facilities and expert application engineers located in North America provide unparalleled service to the wind energy industry, among others.



The SKF Kaydon reman process:

- 1 Initial inspection:** Visual inspection and documentation of raceways, gear, and external features.
- 2 Disassembly and cleaning:** Bearings are disassembled and the races are cleaned.
- 3 Non-destructive testing:** Races are visually and magnetic particle inspected to detect cracks or defects. Hardness and case depth readings are recorded.
- 4 Repairability:** Each bearing is reviewed according to SKF specifications to determine repairability.
- 5 Precision machining:** Bearing races are precision machined to the proper geometry, optimizing load carrying capability.
- 6 Standard repairs:** Bearings are assembled with new rolling elements, separators, and seals, and packed with lubricant.
- 7 Final inspection:** Torque and axial deflection are tested and all critical features are inspected and documented before shipping.

Bearings for OEM and end-users

SKF Kaydon has been involved since the start of the wind energy industry, supplying dozens of its OEMs and end-users. Put SKF Kaydon's proven wind energy expertise to work for you and enjoy the cost savings, performance, and improved productivity provided by the SKF Kaydon remanufacturing program.



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