

Kaydon Remanufactured Slewing Ring Bearings

Like-New Quality at Substantial Savings



Comprehensive and cost-effective

When the bearings in your equipment are worn and need replacing, call Kaydon, an SKF Group brand. Kaydon can remanufacture them to like-new condition at big savings — typically 50% less than the price of a new bearing.

Kaydon remanufactures hundreds of slewing ring bearings each year. We can give new life to bearings up to 24' (6m) in diameter, regardless of design, configuration, or original manufacturer.

Bearings remanufactured by Kaydon meet or exceed original manufacturer

specs and come with a full one year warranty, just like a new bearing. Yet they cost much less than new bearings and can usually be delivered much faster.

At Kaydon, remanufacturing is not a sideline... it's a dedicated program with its own personnel, equipment and inventory.

For big savings without compromising quality or performance, let Kaydon restore your old bearings to like-new condition.



All ball and roller bearings – regardless of manufacturer – 10” to 240” in diameter

- Thrust ball & roller
- Radial ball & roller
- Cross roller
- Multi-row ball & roller
- Three-row roller
- 4-point contact ball
- 8-point contact ball
- Cylindrical roller



Customers report getting 35,000 hours and more of dependable service from their remanufactured bearings entrusted to Kaydon.

Kaydon's remanufacture service includes:

- 1 Free inspection of slewing ring bearings up to 8' in diameter
- 2 Inspection in one week or less
- 3 3 Non-destructive testing performed as needed

- 4 Engineering analysis
- 5 Formal analysis reports for all inspections
- 6 Four week turnaround for bearings 8' and under, and just a few more weeks for bearings 8' to 20'
- 7 Substantial savings versus the price of a new replacement bearing
- 8 Emergency remanufacturing services
- 9 One year warranty for all remanufactured bearings



Standard-setting facilities

- Temperature-controlled facility built in 1980
- State-of-the-art CNC manufacturing equipment
- Short lead times
- ISO 9001:2008 certification
- NDT, failure analysis and technical support

Opportunities to save in many markets



Mining:

- Hydraulic excavators and shovels
- Haulage vehicles
- Continuous miners
- Thickeners



Utilities, municipalities and transportation:

- Clarifiers
- Aerial work platforms
- Locomotive cranes
- Digger derricks



Construction:

- Cranes
- Excavators
- Tunnel boring machines
- Forestry equipment
- Concrete pumps



Metal mills:

- Ladle turrets
- EAF
- Manipulators
- Coil turnstiles
- Uncoilers



Defense:

- Defense systems
- Communication antennae
- Radar systems
- Satellite launchers



Renewable energy:

- Wind turbines
- Solar trackers



Marine:

- Offshore cranes
- Shipboard cranes
- Rotary tables
- Mud pumps
- Mooring systems
- Winches and capstans
- Riser assemblies
- Drilling equipment
- Azimuth thrusters



Bulk handling:

- Stacker reclaimers
- Ship loaders and unloaders
- Portal cranes
- Conveying systems



Industrial:

- Canning & bottling machines
- Welding positioners
- Robots
- Indexing tables
- Stretch wrappers/palletizers
- Machine tools

Kaydon's bearing remanufacturing program



Initial inspection

Turning torque, free-state clearance, gear size and external features are inspected and documented.



Disassembly & cleaning

Bearings are disassembled and the races are cleaned.



Non-destructive testing

Races are visually or magnetic particle inspected to detect cracks or defects and hardness readings are recorded.



Repairability

Each bearing is reviewed relative to its application to determine repairability.



Precision grinding

Bearing races are precision ground to the proper geometry, optimizing load carrying capability.



Assembly

Bearings are assembled with new rolling elements and seals, and packed with lubricant.



Final inspection

Before quality personnel approve the remanufactured bearing for shipment, all critical features are inspected and documented.



Manufacture

During the process, if the repair does not meet Kaydon demanding standards, with customer approval, a replacement race or new bearing can be manufactured.

Global leadership in standard, custom and remanufactured bearings

Kaydon, an SKF Group brand, is a leading producer of new, remanufactured and new replacement bearings. We offer a wide range of standard configurations, plus advanced custom bearings to meet specific application needs.

Slewing Ring Bearings: Choose from 4-point contact ball, 8-point

contact ball, cross-roller, and 3-row roller bearings, from 2" to 240" in diameter. They are available with internal gearing, external gearing, or no gearing.

Thin Section Bearings: Reali-Slim® bearings deliver high dynamic capacity in a compact size, with a cross-section that stays constant as the bore

increases. Bore sizes range from 1" to 40" (25 mm to 1 m) and cross-sections from 3/16" to 1".

Remanufactured Bearings: Kaydon remanufactures worn bearings to perform like new, with a full one year warranty and fast turnaround time. Kaydon can handle diameters from 10" to 240".

skf.com | kaydonbearings.com

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