Kaydon Remanufactured Slewing Ring 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.

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. 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

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

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

www.kaydonbearings.com  800.286.6274
Opportunities to save in many markets

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

Utilities, municipalities and transportation:
- Stacker reclaimers
- Ship loaders and unloaders
- Portal cranes
- Conveying systems

Utilities:
- Wind turbines
- Solar trackers

Marine:
- Offshore cranes
- Shipboard cranes
- Rotary tables
- Mud pumps
- Mooring systems

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

Metal mills:
- Ladle turrets
- EAF
- Manipulators
- Coil turnstiles
- Uncoilers

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

Renewable energy:
- Wind turbines
- Solar trackers

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

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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.

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”.

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.

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Initial inspection
Disassembly & cleaning
Non-destructive testing
Repairability

Precision grinding
Assembly
Final inspection
Manufacture

Bearing races are precision ground to the proper geometry, optimizing load carrying capability.
Bearings are assembled with new rolling elements and seals, and packed with lubricant.
Before quality personnel approve the remanufactured bearing for shipment, all critical features are inspected and documented.
During the process, if the repair does not meet Kaydon demanding standards, with customer approval, a replacement race or new bearing can be manufactured.

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