

Remanufactured
Bearings

Like-New Quality at Substantial Savings



Kaydon **infinite**[®]
bearing solutions



www.kaydonbearings.com

Comprehensive and Cost-Effective

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

Kaydon remanufactures some 1,500 slewing ring bearings each year. We can give new life to any bearing up to 20' (6.1m) in diameter, regardless of design, configuration, or original manufacturer.

Bearings remanufactured by Kaydon meet or exceed OEM specs and come with a full one-year warranty, just like a

new bearing. Yet they cost much less than new OEM 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 with no trade-off in quality or performance, let Kaydon Bearings restore your old bearings to like-new condition.



The Kaydon remanufacturing program gives worn bearings new life at big savings vs. new bearings, regardless of their original manufacturer. Customers report getting 35,000 hours and more of dependable service from bearings entrusted to Kaydon.

1. Free inspection on slewing ring bearings up to 8' in diameter
2. Inspection in one week or less
3. Non-destructive testing performed on all bearings
4. Engineering analysis
5. Formal analysis reports provided 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 OEM — 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
- Thin Section Ball & Roller

Standard-Setting Facilities

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

Kaydon's Bearing Remanufacturing Program



1. Initial Inspection:

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



4. Repairability:

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



7. Final Inspection:

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



2. Disassembly & Cleaning:

Bearings are disassembled and the races are cleaned.



5. Precision Grinding:

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



8. Manufacture:

If at any time during the process the repair does not meet Kaydon's demanding standards, a replacement race or new bearing can be manufactured.



3. Non-Destructive Testing:

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



6. Assembly:

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

Opportunities to save in many markets



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

Construction:

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



Metal Mills:

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



Utilities, Municipalities and Transportation:

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



Kaydon **infinite**® bearing solutions



Industrial:

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



Renewable Energy:

- Wind turbines
- Solar trackers



Military:

- Weapon systems
- Communication antennae



- Radar systems
- Satellite launchers



Bulk Handling:

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



Marine:

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

Kaydon
infinite[®]
bearing
solutions



Global leadership in standard, custom and remanufactured bearings

Kaydon Bearings Division is a major 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 inches to 240 inches in diameter. They are available with internal gearing, external gearing, or no gearings.

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" (20 mm to 360 mm) and cross-sections from 3/16" to 1".

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



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