

Railway bearing unit refurbishment

SKF UK Railway Sales Unit provides a dedicated bearing refurbishment facility that meets the stringent railway industry technical standards.



Tapered bearing units (TBUs) used on railway rolling stock are critical to the smooth running of any rail system. The refurbishment of railway bearings is a specialised service requiring expertise and dedicated equipment. The quality of our workmanship is guaranteed and all refurbished TBUs leave the SKF UK Railway Service Centre fit for further service and carry a full warranty.

The work is carried out by experienced and qualified SKF technicians, using the correct tools, lubricants and seals, using the following process:

- All TBUs are thoroughly cleaned using a water-based, environmentally friendly cleaning process.
- Dismantling is completed with care and using the correct tools. All TBUs are held as individual sets to avoid the possibility of mixing components from one bearing to another.
- All parts are visually inspected and, if any critical component is found to be faulty, they are rejected.
- Critical dimensions are checked for accuracy using purpose-made fixtures and measuring gauges.
- Bearings are checked for axial clearance (end float).
- Brand new SKF seals are fitted.
- The correct grade of high quality grease is applied.

- Every bearing is permanently marked with a refurbishment details, enabling full traceability.
- Refurbishment details are stored in an SKF database together with the TBU serial number and service details supplied by the customer.

SKF expertise does not end with bearing refurbishment. SKF can also design, manufacture and assemble special bearing and axlebox housing units to customer specification, with parts being inspected to appropriate quality standards.

All staff working within the Railway Service Centre are regularly trained and assessed competent for railway industry safety critical work.

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SKF UK Railway Sales Unit

T: 01582 496497

E: railways.uk@skf.com

www.skf.co.uk/railways

