

TIMKEN



GO THE DISTANCE: 1.7 MILLION KM BETWEEN SERVICING

EXTEND SERVICE INTERVALS WITHOUT COMPROMISING PERFORMANCE OR SAFETY

Timken® rail bearings are known for consistent, reliable service – thanks to their engineered design, durable components and built-in lubrication and seals.

Timken rail bearings can be engineered to achieve over 1.7 million kilometers between service intervals at maximum speeds of up to 200 km/h.

Maintenance teams gain significant benefits from these well-manufactured bearing-and-grease combinations:

- **Reliable Performance** – Bearings are designed to operate as intended within the specified service mileage
- **Extended service intervals** – You can extend service intervals without sacrificing safety
- **Decrease total cost of ownership** – Complete your axlebox bearing and wheelset maintenance at one time to reduce overall maintenance costs and passenger train downtime

Timken bearings are ideal for organizations that want to achieve maximum uptime and streamline maintenance.



TIMKEN RAIL BEARINGS FOR PASSENGER APPLICATIONS

Bearings Designed for Longer Service Intervals

- **Enhanced Geometries.** Timken rail bearings are designed with enhanced geometries to extend bearing life under certain operating conditions
- **Reduced Torque.** Timken bearings are designed with enhanced geometries for torque reduction which lead to an overall decrease in the amount of electricity needed to operate a wide range of applications globally
- **Cooler Operation.** Timken rail bearings are engineered to run cooler compared to other bearings in the market



PROTECT SAFETY, SAVE TIME

Timken journal bearings are engineered to run cooler and consistently, even with many passenger stops.

During maintenance intervals, you can opt for reconditioned or remanufactured bearings as replacements, saving money over new bearings and shortening delivery times. This reconditioning process also is more environmentally friendly, reducing waste and the need for new raw materials. These bearings come with the same standard warranty as new bearings.

When you collaborate with Timken on maintenance options, you can rely on our team's knowledge. We care about your lifecycle costs and will find ways to maximize your product investment and minimize maintenance issues.

To learn more, talk to your Timken representative or visit timken.com.

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The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

www.timken.com