TIMKEN



TIMKEN® MOUNTED SPLIT CYLINDRICAL ROLLER BEARINGS











PERFORMANCE SOLUTIONS

Engineered to perform

Timken mounted split cylindrical roller bearings are designed to help increase operational life and reduce maintenance expense.

- Capable of handling higher speeds, temperature and acceleration from a highly engineered machined brass cage.
- Longer life due to a robust design featuring double webs and thick sections of high grade cast iron.
- Improved performance provided by profiled rolling elements that reduce damaging edge stress.
- Ability to closely match application load requirements with engineered bearing configurations.
- Able to handle a range of operating environments with available selection of eight seal designs.
- Available in application appropriate housing styles.

APPLICATION SOLUTIONS

Solve maintenance problems one bearing at a time

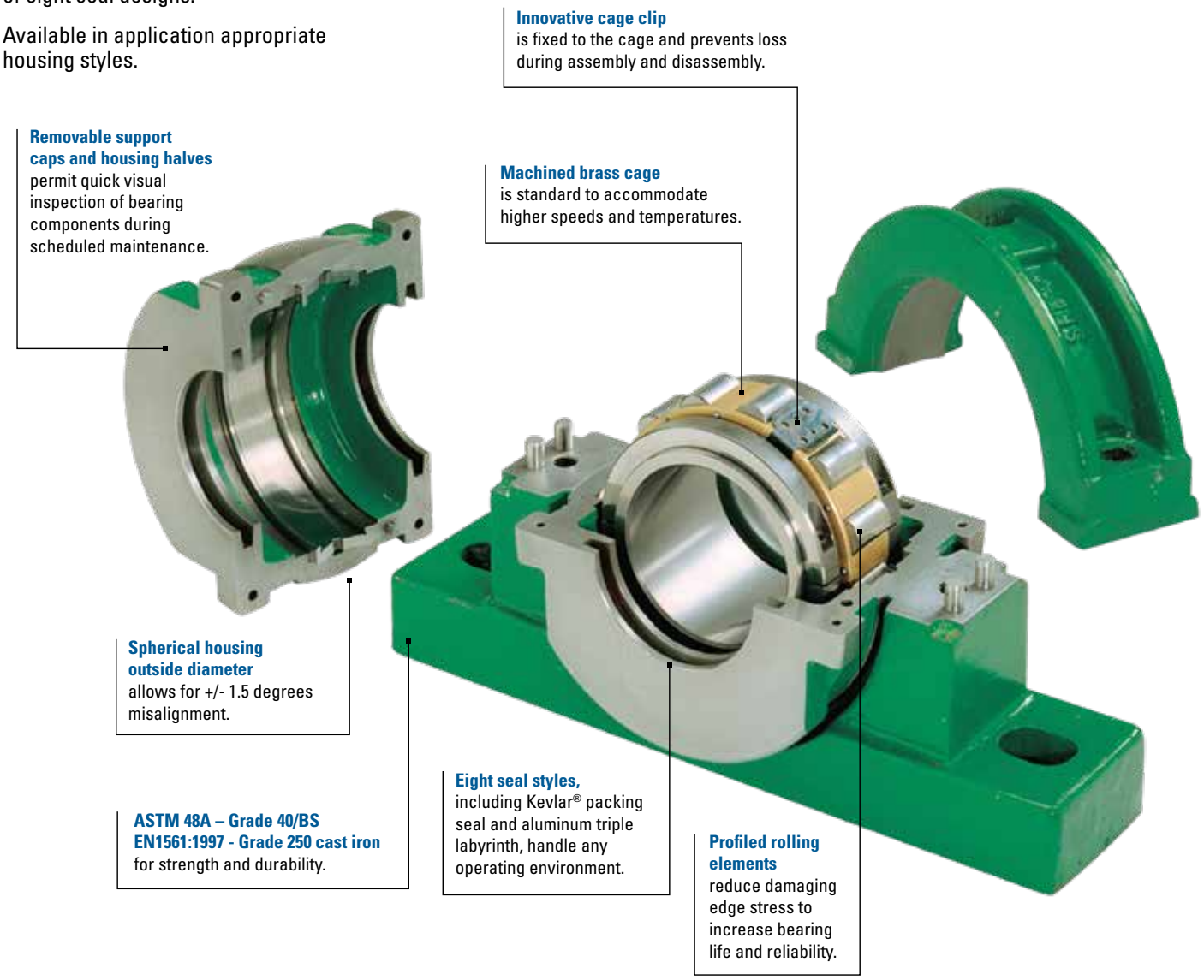
A split bearing can add value to your operations by significantly reducing downtime associated with moving equipment to change out a standard bearing. Easier to install, maintain and replace, split bearings can cut operational costs, free up your resources for other tasks and remove safety risk.

The split bearing design offers:

- High radial load and speed capability
- Self-alignment
- Wide range of standard supports and housings
- Flexible sealing options
- Interchangeability with competitor designs

Maintenance-friendly features include:

- Single-piece cage clip design for accurate cage alignment and ease of installation.
- Pry slots at all dowelled, machined joints for easy separation of the support.
- Intuitive assembly features and markings assist with correct positioning and orientation of all parts.



Range of housings

Standard support with complete housing and bearing



Flange support



Take up tension unit complete with housing



Take up pull unit complete with housing



Hanger unit







WHY A SPLIT BEARING?

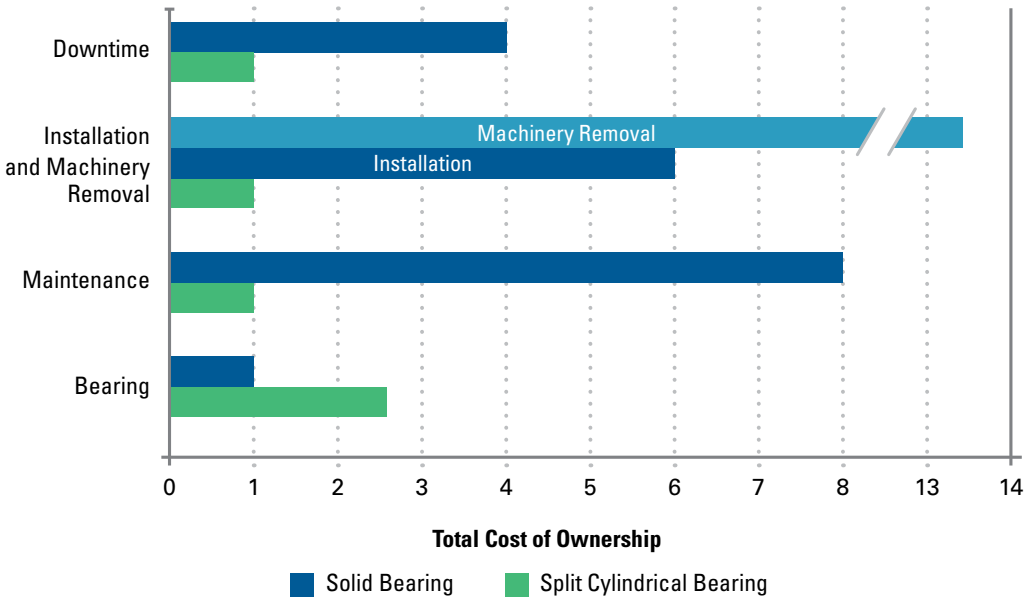
In some applications, a mounted bearing can be trapped between large pieces of equipment in a high service cost location. This creates a maintenance challenge, as changing these bearings can result in:

- Extended downtime and lost production.
- High costs associated with moving the equipment to gain access.
- Greater use of manpower.

A Timken® mounted split cylindrical roller bearing helps reduce plant disruptions and downtime caused when trapped bearings fail.

All components of the bearing unit (races, cage, housing, seals and support) are split to the shaft. When installed, the bearing unit can accommodate up to +/- 1.5 degrees of misalignment.

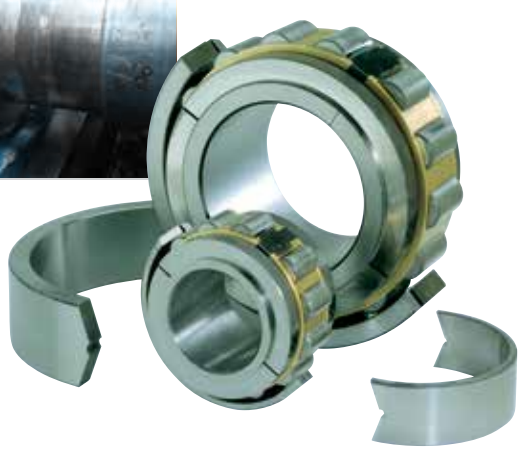
Replacing competitor products is easy, because Timken mounted split cylindrical bearings are interchangeable with other split cylindrical roller bearing designs. A global inventory provides rapid service in response to urgent downtime situations.











SERVICE SOLUTIONS

Engineered solutions you can rely on

Confidence in your operation starts with trust in the performance of critical components. Timken mounted split cylindrical roller bearings give you that confidence, handling the load and speed requirements of most challenging applications.

Performance is more than the product. You can depend on Timken to support your operations from design to installation with service engineering consultation, training and on-site support service.

- Modular stocking gets you what you need when you need it.
- Custom designs supported by experienced engineers and design systems.
- Application support engineers work directly with you to design solutions for your application.
- Local support via an extensive authorized distributor network and local service engineers.

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Angled split
For even faster and easier installation



QUICK GETS QUICKER

The next generation - SNQ and SAFQ

Reduce downtime even more! Get an angle on better performance with an evolved Timken mounted split cylindrical roller bearing design.

An innovative design uses an angled cast iron support to allow mounting in locations with low clearance between the base and center of the shaft.

The new design eliminates the need to raise the shaft to allow clearance for the support base yet maintains standard bearing and housing construction requirements.

TIMKEN

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.

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