

FAG



FAG TAROL Axlebox Bearings

**A wide range of variants –
the right solution for every application**

SCHAEFFLER GROUP
INDUSTRIAL

TAROL axlebox bearing units for every requirement



Technical features

- Double row tapered roller bearing unit with single-piece outer ring
- Ready-to-fit bearing units that are mounted on both shaft journals of the axlebox
- Available in metric and inch size designs, made from chromium steel or case hardened steel
- Performance characteristics according to Schaeffler publications TPI 155, TPI 156, TPI 158, RFB 4 and RFB 13

Customer benefits

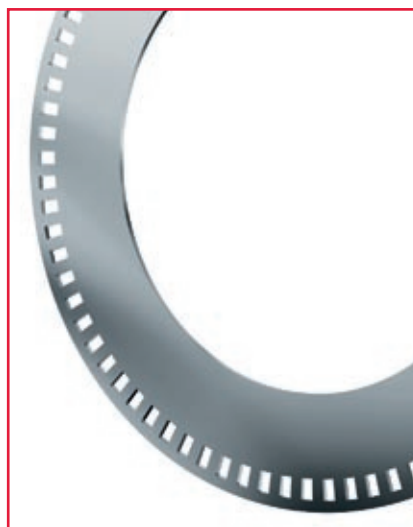
- Easy to mount
- High performance within the smallest space
- Long maintenance intervals due to highly effective seal concepts
- Designs with integrated sensors for on-board monitoring
- Suitable for reconditioning
- X-life technologies are used for high-speed applications and particularly high rating life requirements



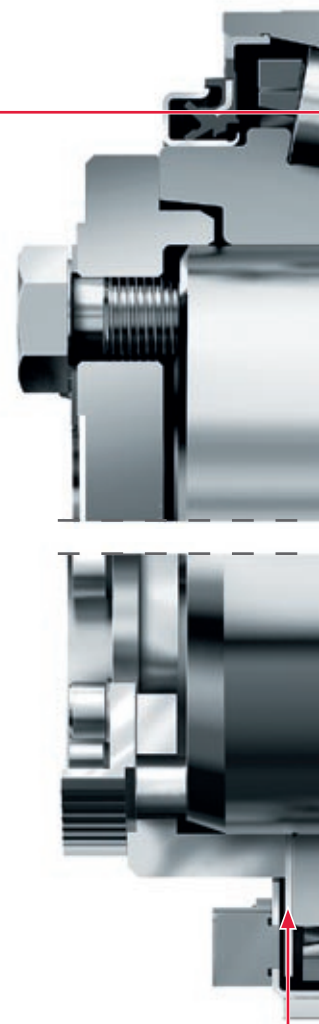
Reinforced polyamide cage (optimized cross-section + additional guidance by ribs)
→ For challenging operating conditions



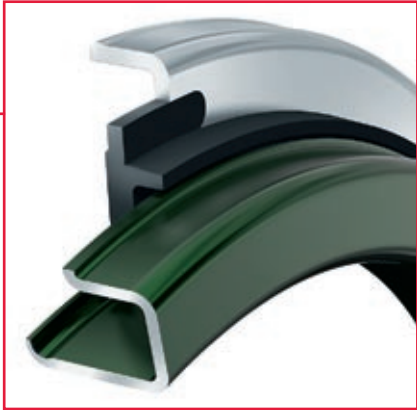
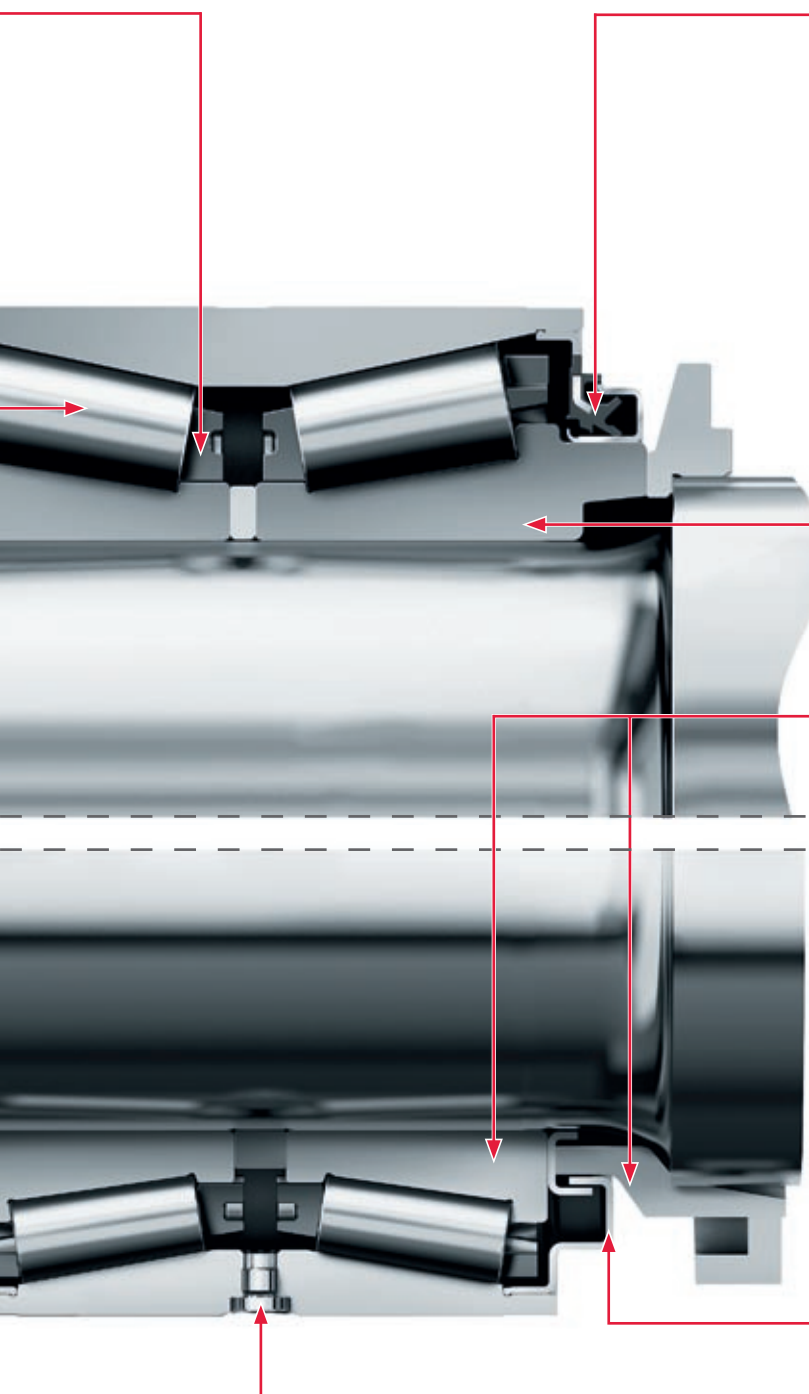
Improved surfaces and running accuracy
→ Lower frictional torque
→ **Reduced power losses in the bearing**



Sheet metal cap seal with integrated impulse ring → Rotational impulses to sensor → **On-board monitoring possible**



The modular TAROL system for design engineers



Universal seal (cassette seal, also suitable for operation with adapter) → **Excellent sealing action with low frictional torque**

Premium material (improved alloy + high quality + special heat treatment) → **Highest level of performance**

High-performance coatings, for example against fretting corrosion → **Operating life increases**



Sheet metal cap labyrinth seal for use in closed housings → **Very high speeds possible**

Design with relubrication holes available by special request of the customer

**Schaeffler Technologies
GmbH & Co. KG**

Georg-Schäfer-Strasse 30
97421 Schweinfurt (Germany)
Phone +49 9721 91-3998
Internet www.fag.com

Contact us at:

rail_transport@schaeffler.com

Publications available at:

FAGinfo@schaeffler.com

Every care has been taken to ensure the correctness of the information contained in this publication but no liability can be accepted for any errors or omissions.

We reserve the right to make technical changes.

© Schaeffler Technologies GmbH & Co. KG
Issued: 2010, September

This publication or parts thereof may not be reproduced without our permission.