FAG TAROL Axlebox Bearings

A wide range of variants – the right solution for every application
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
- Design with relubrication holes available by special request of the customer
- Sheet metal cap labyrinth seal for use in closed housings → Very high speeds possible