

Rolling bearings

Plain bearings

Linear technolog

FAG

High Capacity TAROL

Class K (HCT-K)



SCHAEFFLER

MOBILITY FOR TOMORROW

High Capacity TAROL Class K (HCT-K)



Product features

- AAR Class K tapered roller bearing unit (TAROL) for Heavy Haul applications
- For retrofit on existing AAR Class K axles
- Manufactured from new case hardening steel Mancrodur
- Special heat treatment process for dimensional stabilization of the inner rings
- Optimized ring and roller raceway profile
- Polyamide cage of reinforced design
- Low friction cartridge seal
- Unique backing ring clip to facilitate safe mounting

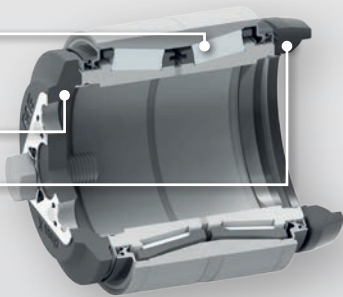
Technical advantages

- Load rating increase up to 30% compared to standard Class K
- Reduced pressure peaks in the load zone
- Special steel grade with higher material purity
- Carbonitrided bearing rings for higher resistance to fatigue
- Less fretting wear tendency

HCT-K

Cartridge seal

Retaining ring (Clip)



Customer benefits

- Payload of a Class G in existing Class K wagons
- At least doubled service lifetime compared to standard Class K
- Higher operational reliability under heavy load
- Suitable for bearing reconditioning
- Suitable for automated mounting process
- Higher productivity and reduced total costs (TCO)
- Opportunity for down-sizing

Types available

- High Capacity TAROL Class K (HCT-K)
- Other sizes in preparation

Application

- Freight transportation



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