

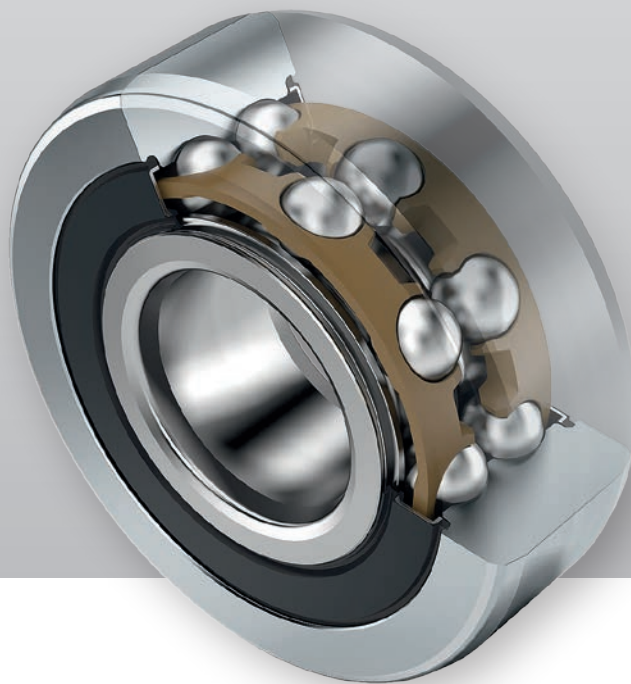
Rolling bearings

Plain bearings

Linear technology



# Ball Type Track Rollers LR52, LR53

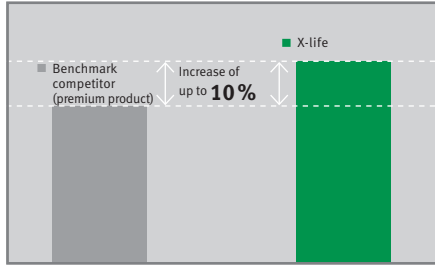


**SCHAEFFLER**

X-LIFE – PROVEN TO BE BETTER

# Longer rating and operating life – higher performance

Comparison of dynamic load ratings  $C_r$

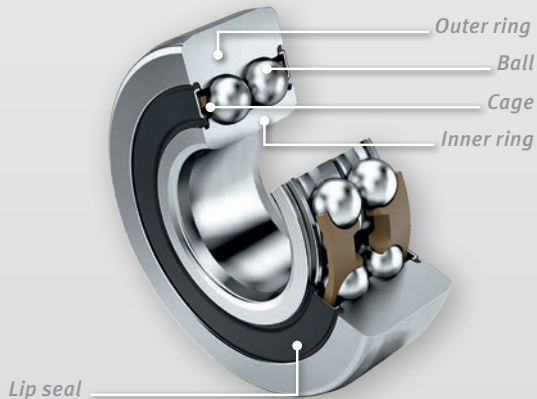


## Product features

- *Unchanged outside diameter*
- *Heavy-section outer ring*
- *Optimized internal construction*
- *Contact angle optimized for higher load carrying capacity*
- Innovative seal design. Also available with an improved steel sealing shield
- Optimized polyamide cage. Robust and rigid steel cage available as an option

## Technical advantages

- *Up to 10% higher dynamic load rating  $C_r$*
- *Up to 15% higher static load carrying capacity  $C_0$*
- *Improved protection against contamination*
- Increased speed limits
- Large grease reservoir
- Low bearing temperatures
- Less strain is placed on the lubricant



## X-LIFE – PROVEN TO BE BETTER



### Customer benefits

- *Longer operating times*
- *Higher operational reliability*
- *Higher load carrying capacity*
- *Downsizing possible, higher power density*
- Improved lubricant rating life
- Reduced overall operating costs (TCO)
- Higher machine availability
- Increased energy efficiency



### Applications

- Food processing and packaging
- Medical equipment
- Cranes and conveying equipment
- Off-highway applications

### Types available

Series

- LR5200 ... LR5208
- LR5302 ... LR5308

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