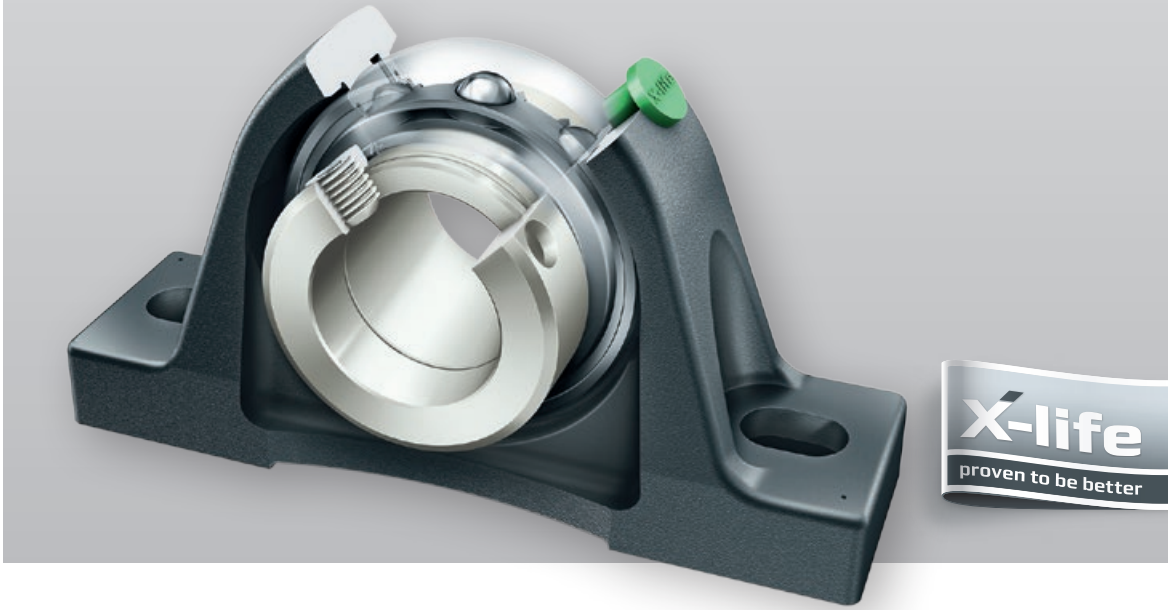
Rolling bearings
Plain bearings
Linear technology

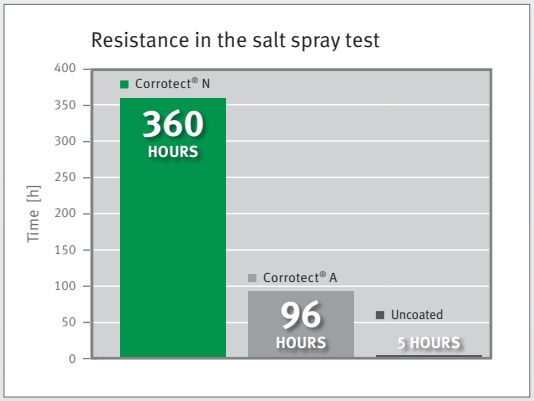
Radial Insert Ball Bearings and Housing Units

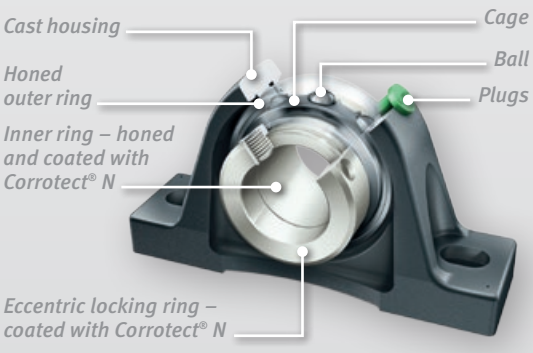


SCHAEFFLER

X-LIFE – PROVEN TO BE BETTER

Longer rating and operating life – reliable





Product features

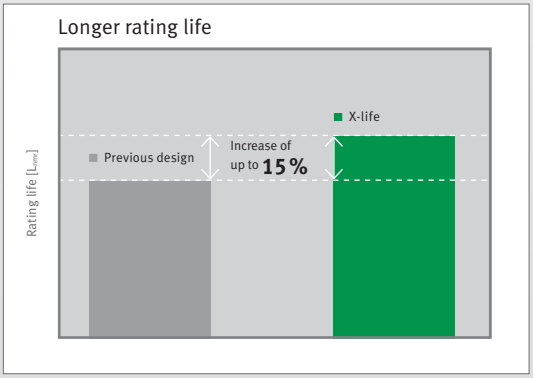
- *Improved surface quality on the inner and outer ring raceways*
- Corrotect® N coating
- Optimized eccentric locking collar (material and design)
- Optimized quantity and distribution of lubricant
- Improved design FA101
- Additional crosspieces on the underside of the ASE housing

Technical advantages

- *Higher dynamic load rating C_r*
- *15 % longer rating life*
- Reduced noise generation
- Increased protection against corrosion
- Expanded operating temperature range for the FA101 design
- Reduced friction

Customer benefits

- *Longer rating and operating life*
- *Increased reliability*
- *Downsizing possible, higher power density*
- Low-noise applications
- Extended maintenance intervals
- Simple and quick to mount
- Reduced energy consumption
- Reduced overall operating costs (TCO)
- FA101 is suitable for temperatures of -40 °C to 180 °C



Applications

- Agricultural applications
- Industrial fans
- Conveying equipment
- Food processing and packaging machinery
- Textile machinery
- Mining
- Palm oil mills

Types available

Up to ≤ 60 mm bore diameter

• *X-life key aspects* • Additional aspects

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