

Rolling bearings

Plain bearings

Linear technology

FAG

High Precision Cylindrical Roller Bearings

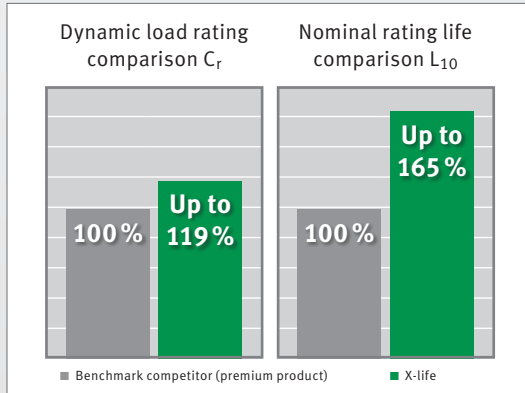
N10 and NN30



SCHAEFFLER

X-LIFE – PROVEN TO BE BETTER

Longer rating and operating life

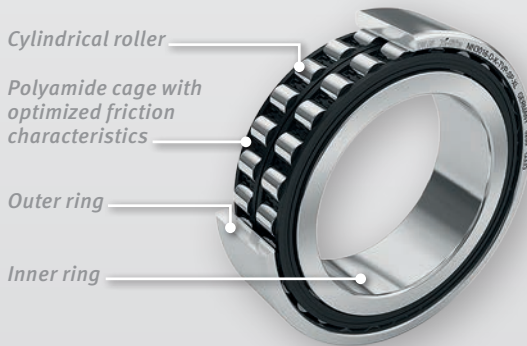


Product features

- *Optimized internal construction*
- *Improved rolling contact through the use of state-of-the-art manufacturing technologies*
- Polyamide cage (design variant TVP) with optimized friction characteristics for shaft diameters of 30 to 120 mm

Technical advantages

- *19% higher dynamic load rating C_r*
- *Less friction*
- *Up to 65% higher nominal rating life L_{10}*
- Running temperatures reduced by up to 12 K
- Up to 35% increase in limiting speeds
- Speed parameters of more than 1 million mm/min with minimal oil lubrication
- Ideal for combining with FAG high speed axial bearings BAX



Customer benefits

- *Longer rating life*
- *Longer operating life*
- Reduced running noise
- Reduced heating
- Reduced strain on the lubricant
- Increased grease service life
- More design options
- No additional costs



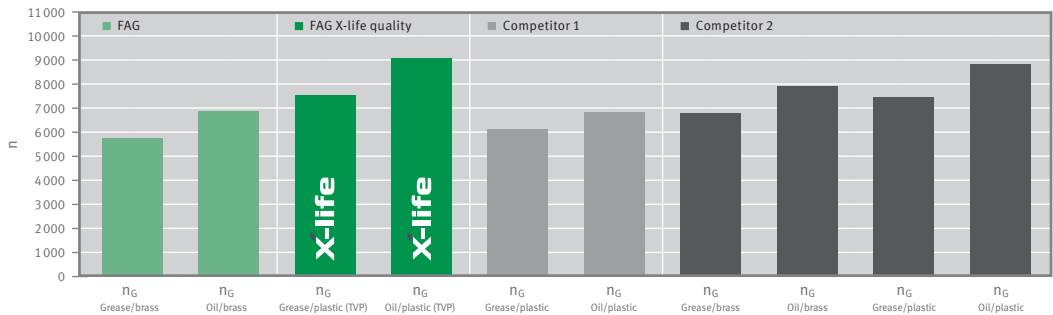
Applications

- Machine tools
- Turning machines
- Grinding machines
- Milling machines

Types available

- Series
- N10
 - NN30

The highest speeds on the market with FAG X-life cylindrical roller bearings, NN3018



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