

Rolling bearings

Plain bearings

Linear technology

FAG

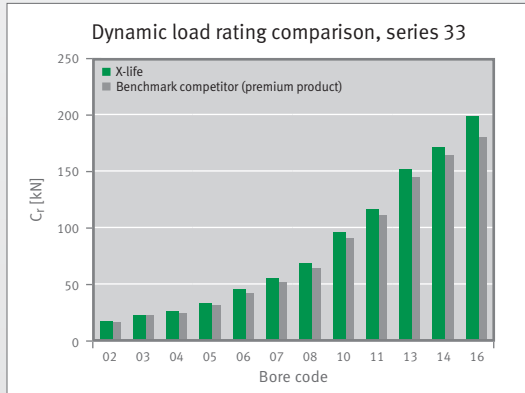
Double Row Angular Contact Ball Bearings



SCHAEFFLER

X-LIFE – PROVEN TO BE BETTER

Longer rating and operating life – reliable

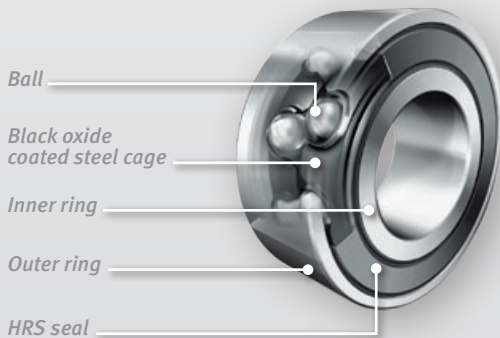


Product features

- Improved raceway surfaces
- Optimized internal construction
- Improved ball quality
- P6 manufacturing tolerances
- 30° contact angle
- Innovative HRS seal
- Optimized polyamide & steel cage
- Steel cage can be combined with gap or lip seals
- No filling slots required

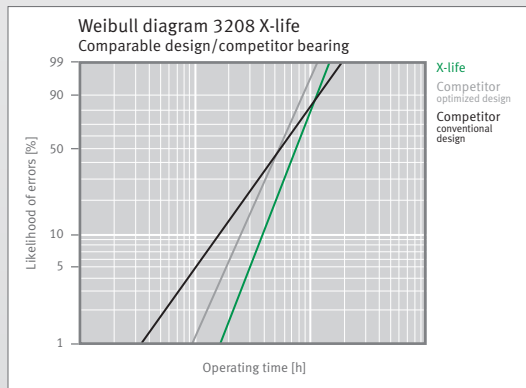
Technical advantages

- 15% higher dynamic load rating C_r
- Longer operating life
- Longer rating life, particularly under axial loads and with large contact angles
- Reduced friction
- New robust, rigid steel cage
- Suitable for axial loads from both sides



Customer benefits

- *20% longer rating and operating life*
- *Increased reliability*
- *Downsizing possible, higher power density*
- Low-noise applications
- Reduced energy consumption
- Reduced heat generation
- Higher speeds possible
- Extended maintenance intervals
- Reduced overall operating costs (TCO)



Applications

- Fluid pumps and compressors
- Industrial gearbox and automotive transmission applications
- Agricultural applications
- Conveying technology/elevators and packaging equipment
- Heavy motorcycles
- Machine tools and textile machinery



Types available

- 3202-BD to 3213-BD
- 3302-BD to 3316-BD

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