

Rolling bearings

Plain bearings

Linear technology

FAG

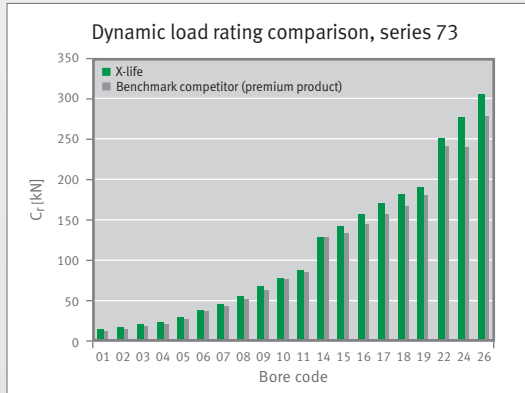
Single Row Angular Contact Ball Bearings



SCHAEFFLER

X-LIFE – PROVEN TO BE BETTER

Longer rating and operating life – reliable

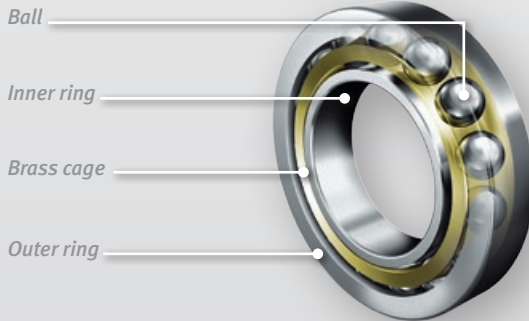


Product features

- *Improved raceway surfaces*
- *Optimized internal geometry*
- *Improved ball quality*
- *Manufacturing tolerance P6, P5 on request*
- 40° contact angle
- Lip seals available on both sides
- Available with plastic, sheet metal, or brass cages as an option
- Available in universal design

Technical advantages

- *Up to 30% higher dynamic load rating C_r*
- *Up to 50% longer rating life*
- Up to 10% less friction
- Very smooth running
- Suitable for high speeds
- High rigidity
- Universal design for fitting in pairs



Customer benefits

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



Applications

- Compressors, fluid and hydraulic pumps
- Automotive: Chassis and transmission applications
- Industrial gearboxes and electric motors
- Industrial fans
- Machine tools, textile machines

Types available

- 7004-B to 7008-B
- 7200-B to 7230-B
- 7301-B to 7326-B

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