WHY SKF?

Why SKF DuraPro for drivetrains?



Modern tractors are more powerful than ever. More horsepower. More torque. More stress on every component. And despite all that, the application environment remains the same. Bearings must handle high loads, marginal lubrication, and contamination from metal and other internal debris, while lasting longer than before.

When a bearing fails prematurely, everything stops. Maintenance costs rise. Productivity takes a hit. Farmers and equipment owners need solutions that keep machines working all year round.

SKF DuraPro for drivetrains are designed specifically to combat this challenge. With reinforced ring(s) and optimized surface finishing, they last longer under tough conditions, carry higher loads, and fit seamlessly into existing designs.





20%

higher dynamic load rating than SKF Explorer radial ball bearings



>2X

longer life under contaminated conditions inside drivetrains

Engineered for the demands of modern agriculture

Advanced materials and heat treatment

A dedicated enrichment process strengthens the ring(s), improving resistance to fatigue and extending service life under high stress. With an optimized microstructure to improve wear resistance to surface failure, this high-performance solution from SKF maintains performance in harsh conditions, where standard bearings degrade more quickly.

A seamless performance upgrade

SKF DuraPro for drivetrains serves as a drop-in replacement for standard radial ball bearings, allowing OEMs to upgrade drivetrain performance without modifying housings, shafts, or other components.

Validated by SKF's life prediction expertise

SKF's Generalized Bearing Life Model (GBLM) provides an advanced method for predicting bearing fatigue under real-world duty cycles. Unlike conventional models, GBLM evaluates both surface and subsurface failure mechanisms, offering a more precise assessment of calculated bearing life in high-load, contaminated environments.

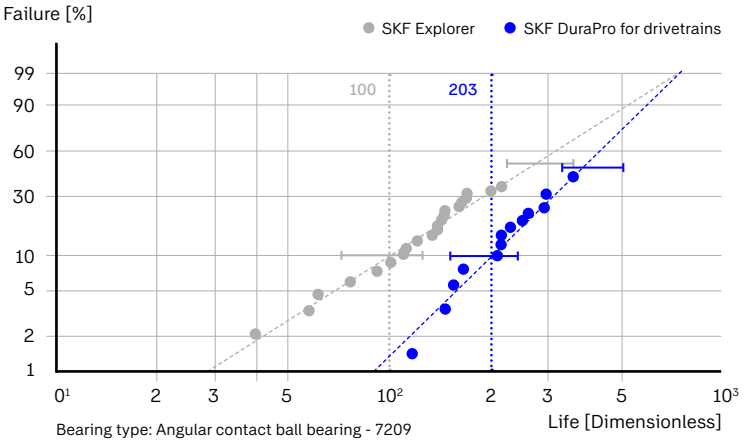
Find out more

Explore more on SKF DuraPro for drivetrains and our agriculture portfolio on skf.com.

For expert guidance, contact your SKF representative.

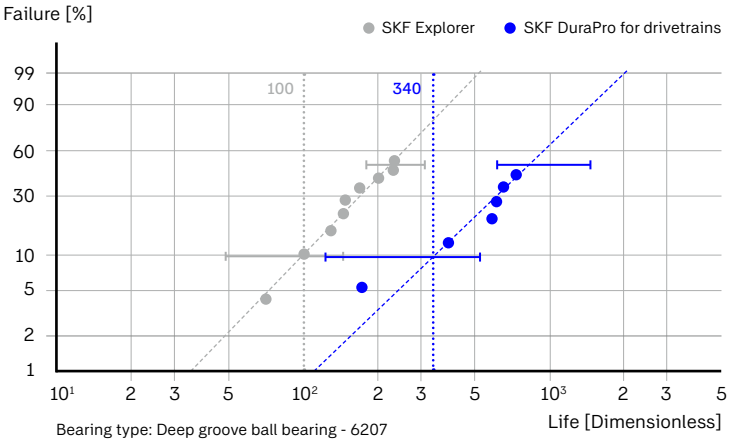
Proven by SKF and in the field

Life comparison under clean, fully lubricated conditions



Bearing type: Angular contact ball bearing - 7209
Test conditions: C/P=1.3 | Circulating oil
Clean lubrication | Speed: 6000 min^{-1}
Weibull Probability Plot | Includes lives: L10 L50 | Conf interval: 90% 2-sided

Life comparison under contaminated conditions



Bearing type: Deep groove ball bearing - 6207
Test conditions: C/P=2.5 | Contaminated
circulating oil -/19/16 acc. ISO 4406/1999 |
Debris: 50% alloy power + 50% cast iron | Speed: 6000 min^{-1}
Weibull Probability Plot | Includes lives: L10 L50 | Conf interval: 90% 2-sided

Supporting your sustainability goals

Longer-lasting bearings mean fewer replacements, less waste, and lower resource use. SKF DuraPro contributes to extended bearing life helping to cut energy consumption, waste, and emissions.

At SKF, we aim to decarbonize all our operations by 2030 and reach net-zero greenhouse gas emissions by 2050. Read more on skf.com/sustainability.

skf.com

® SKF and SKF EXPLORER are registered trademarks of AB SKF (publ).

© SKF Group 2025. All rights reserved. Please note that this publication may not be copied or distributed, in whole or in part, unless prior written permission is granted.

Every care has been taken to ensure the accuracy of the information contained in this publication, but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB BU/P8 20048 EN · March 2025

Certain image(s) used under license from shutterstock.com