

Transmission Bearings - Low-Friction TM-Seal

Low-Friction TM Seals for Transmission Bearings reduce the seal friction by 50% in comparison to the old TM-seal design (10% friction reduction on the complete bearing). Fitted bearings with TM-seals are used inside transmissions to inhibit the ingress of gear dust and other contaminants.

Product Features

- Seal friction reduced by narrowing the seal lip by 10% and lengthening it by 70%, compared to conventional bearings
- The seal lip shape improves lip-following and stabilizes the contact pressure along the edge

Benefits

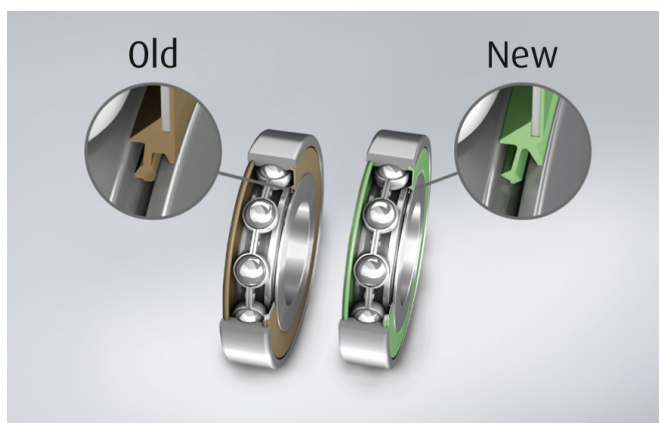
- Seal friction reduced by up to 50% compared to original TM-seal design
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- Same durability as the replaced TM-bearings by preventing the ingress of contaminants to the transmission oil in the bearing
- Bearing life is improved by 5x's in comparison to open bearings

Condition Description

- Corrosive Environment
- Low Friction

Industries

- Automotive Production



35	TM	11	A2	-A-6	E7	X26
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Description

35	Bore diameter
TM	NSK Sealed-clean technology seal
11	sequential number of design
A2	internal design
-A-6	corner form
E7	outer ring Special Feature
X26	Heat Stabilisation of Rings