



Iso-Finishing Bearings

The proprietary special super finishing process removes surface irregularities whilst maintaining the valleys of machined finish for vital lubricant retention. Improvements in surface finish reduce friction, lubricant temperature and ultimately resulting in reduced power loss.

**TRACTION MOTORS
TRANSMISSION**

Features

- ✓ Removes peaks in a controlled way on the surface
- ✓ Removes lay direction of grinding process
- ✓ Optimum surface roughness maintained

Benefits

- ✓ Uniform torque performance during initial run-in
- ✓ Reduction in operating temperature
- ✓ Higher system efficiency
- ✓ Improved lubricant effectiveness

Application

- ✓ Transmission
- ✓ Traction motors



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Specifications

- ✓ Optimum surface contacts to enhance tribological performance
- ✓ Texture aspect ratio (S_{tr}) >0.5 ensures directionless
- ✓ Maintaining 3D-area surface roughness optimal

Technical Data

