

Ball Bearings - Ultra-long-life BB for Transmissions

NSK Ultra-Long-Life Bearing helps prevent surface flaking. Bearing life is increased by up to 3 times, in comparison with conventional bearings and up to 10 times when used in combination with NSK's proprietary long-life ring heat-treatment technology (UR, HTF).

Product Features

- Strengthened rolling element (ball)
- Deposit of hard, minute particles of Si-nitride on the ball
- Special carbonitriding heat-treatment technology

Benefits

- The bearing life was extended by at least 2 to 3 times against conventional technology for the bearing inner and outer rings
- With NSK's proprietary long-life ring heat-treatment technology (UR, HTF) bearing life is more than 10 times that of a conventional product
- Life improvement makes bearing downsizing possible - leading to a weight reduction of up to 50% and a resulting 12% torque reduction

Condition Description

- Contamination
- Low Friction

Industries

- Automotive
- Power Transmission

