

TECHNICAL INSIGHT

A PUBLICATION OF NSK EUROPE

NSK App “Verify” for Super Precision Bearings

Background Information

NSK has released a new mobile app that helps simplify precision bearing selection and the associated design integration process. The app also helps protect customers from counterfeit products with several features able to verify product authenticity.

The new app has been launched with the first shipments of NSK Precision Bearings from Japan in packaging that features unique 2D barcodes. For products manufactured Newark, the app will be released in January 2019.



FEATURES AND BENEFITS

Smartphones with the app can scan the barcode for instant access to information such as:

- › individual identification number
- › date of manufacture
- › bearing inspection record
- › dimensional tolerances
- › running accuracy
- › grease type
- › check number of access by product ID
- › Anti-Counterfeit → check authenticity of product
- › NSK sales office locator

Compatible with iOS and Android devices, the app is available in English, Japanese and Chinese.



NSK Verify

NSK website



App for iOS



App for Android



PRODUCT RANGE

The QR code App service is available for:

- › Super Precision Bearings: Angular contact ball bearings, TAC, cylindrical roller bearings
App service will be expanded to other NSK products in future.
- › Accuracy: P5 and higher
- › Package: Single package and one box with 2 same products

Bearing type	Bearing size	Accuracy
Angular Contact Ball Bearings	I.D. \varnothing 30 and over O.D. \varnothing 210 and smaller	ISO Class 5 and higher
Angular Contact Thrust Bearings (TAC bearing)	O.D. \varnothing 210 and smaller	ISO Class 5 and higher
Cylindrical Roller Bearings	O.D. \varnothing 210 and smaller	ISO Class 5 and higher

IDENTIFICATION

This Application service only covers those NSK bearing boxes with an "N" symbol at the lower right corner of the 2D code printed since January 2018. Scanning other products will result in a failure message.



For products where the QR is applicable, an „N“ is placed at the lower right

