

NSK Verify App

Background Information

NSK has launched the NSK Verify mobile application primarily for machine tool precision bearings to support efficient operation and IT-based plant management. This free app helps simplify bearing selection and improve the use history and traceability of the product. NSK Verify also helps protect customers from counterfeit products with several features able to verify product authenticity.

The app was renewed for NSK general bearings in March 2020 and is being upgraded for NSK giant and extra giant bearings for release in August 2020. When using the app, someone who installed the previous version of "NSK Verify" will be notified automatically that the latest version has been launched.



FEATURES AND BENEFITS

Smartphones with the app can scan the 2D barcode printed on each NSK bearing box for instant access to information such as:

- › Anti-Counterfeit → check authenticity of product
- › check number of access by product ID
- › individual identification number and - in addition for general bearings - the bearing number (20 Digits)

For machine tool precision bearings

- › bearing inspection record*
 - › dimensional tolerances
 - › running accuracy
 - › grease type

*For Giant size bearing and precision bearing of OD above 210 mm, there will be NO inspection certificate report generated in NSK Verify.

Compatible with iOS and Android devices, the app is available in English, Japanese and Chinese and upgraded versions..iOS: Version 1.2.0 => 1.2.1 and Android: Version 2.1.0 => 2.1.1



NSK Verify

NSK website



App for iOS



App for
Android



PRODUCT RANGE

Super Precision Bearings

The QR code app service is available for Super Precision Bearings as follows:

- › Super Precision Bearings: Angular Contact Ball Bearings, Angular Contact Thrust Bearings, 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. Ø 30 and over O.D. Ø 210 and smaller	ISO Class 5 and higher
Angular Contact Thrust Bearings (TAC bearing)	I.D. Ø 30 and over O.D. Ø 210 and smaller	ISO Class 5 and higher
Cylindrical Roller Bearings	I.D. Ø 30 and over O.D. Ø 210 and smaller	ISO Class 5 and higher

General Bearings

The QR code app service is available for General Bearings made in Japan as follows:

- › Large size Tapered Roller Bearings
- › Large size Cylindrical Roller Bearings

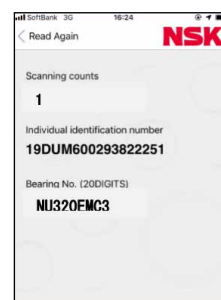
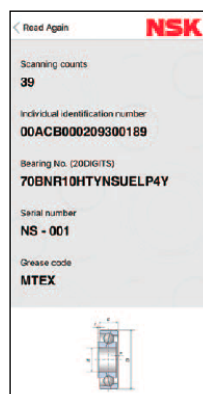
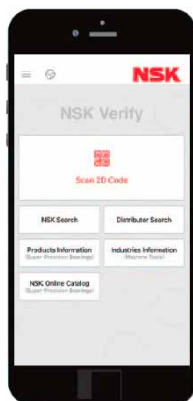
Giant and Extra Giant Bearings

The QR code app service is scheduled to be available for NSK Giant and Extra Giant size bearings made in Japan in August 2020 and applicable for product lines below:

- › Giant Bearings: Spherical Roller Bearings, Ball Bearings, Cylindrical Roller Bearings, Tapered Roller Bearings, Thrust Bearings, Giant Bearings parts
- › Extra Giant Bearings

IDENTIFICATION

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



General bearing
(Additional function)