Cylindrical Roller Bearings

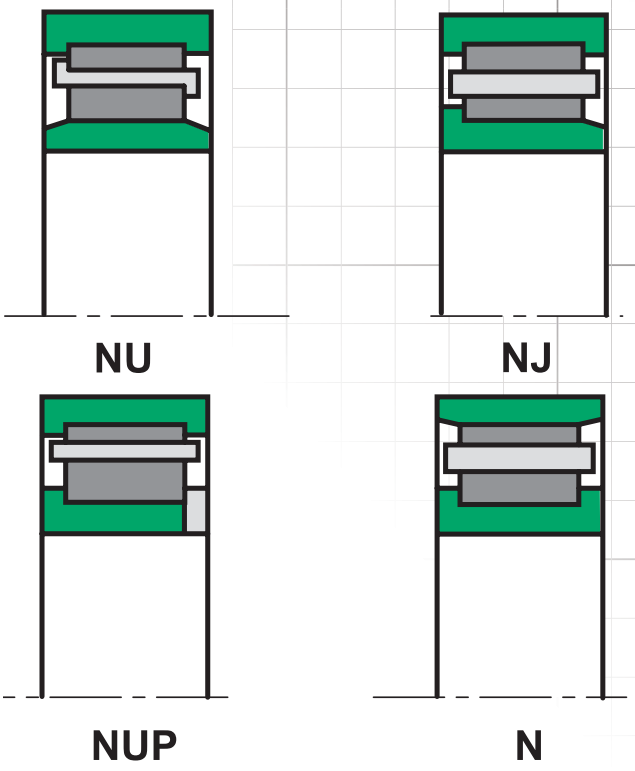
ROLLWAY®

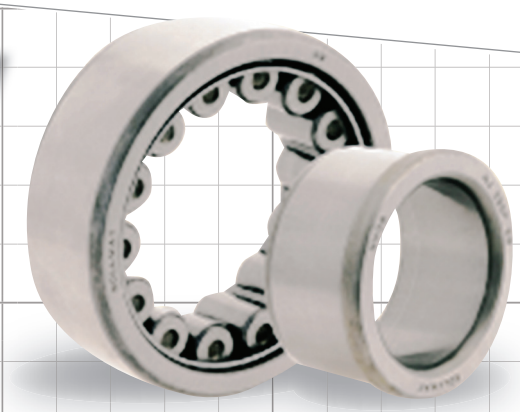
A Regal Brand

REGAL

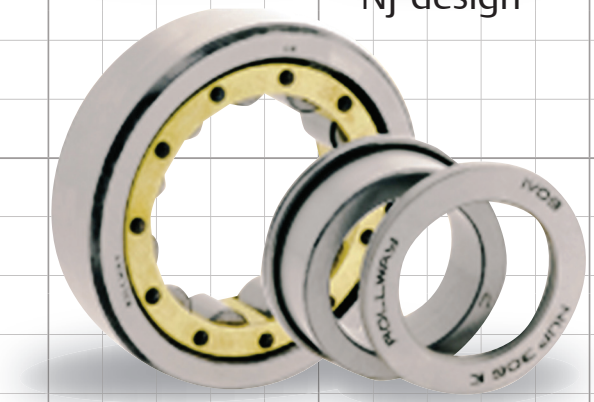
ROLLWAY®

Single Row Cylindrical Roller Bearings

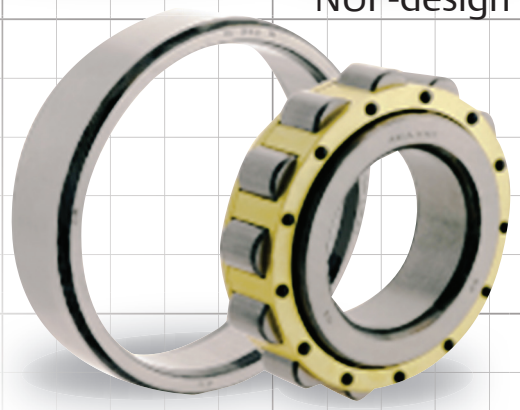




NJ-design



NUP-design



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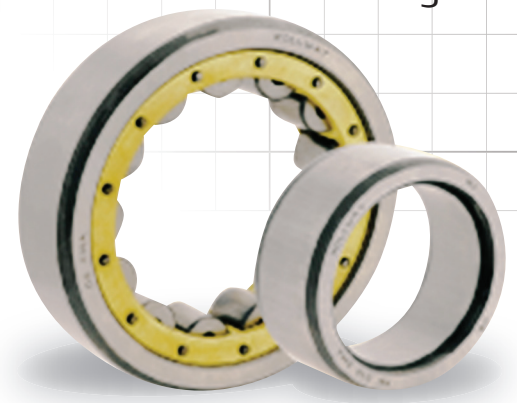

NU-design

Series

1000 | 200 | 2200 | 300 | 2300 | 400

The single row cylindrical roller bearings are designed to allow heavy radial loads at high speeds. They consist of cylindrical shaped rollers guided by ribs on either the outer or inner ring. Due to this design, the inner ring can move relative to the outer ring, allowing for an important axial displacement. Axial displacement can be limited as per the different designs.

Versions

No suffix: steel cage

ES:	increased loading capacity and steel cage
M:	brass cage guided on the rollers
EM:	increased loading capacity and brass cage guided on the rollers
MA:	brass cage guided on the outer ring
EMA:	increased loading capacity and brass cage guided on the outer ring
K:	tapered bore (optional on double row cylindrical roller bearings

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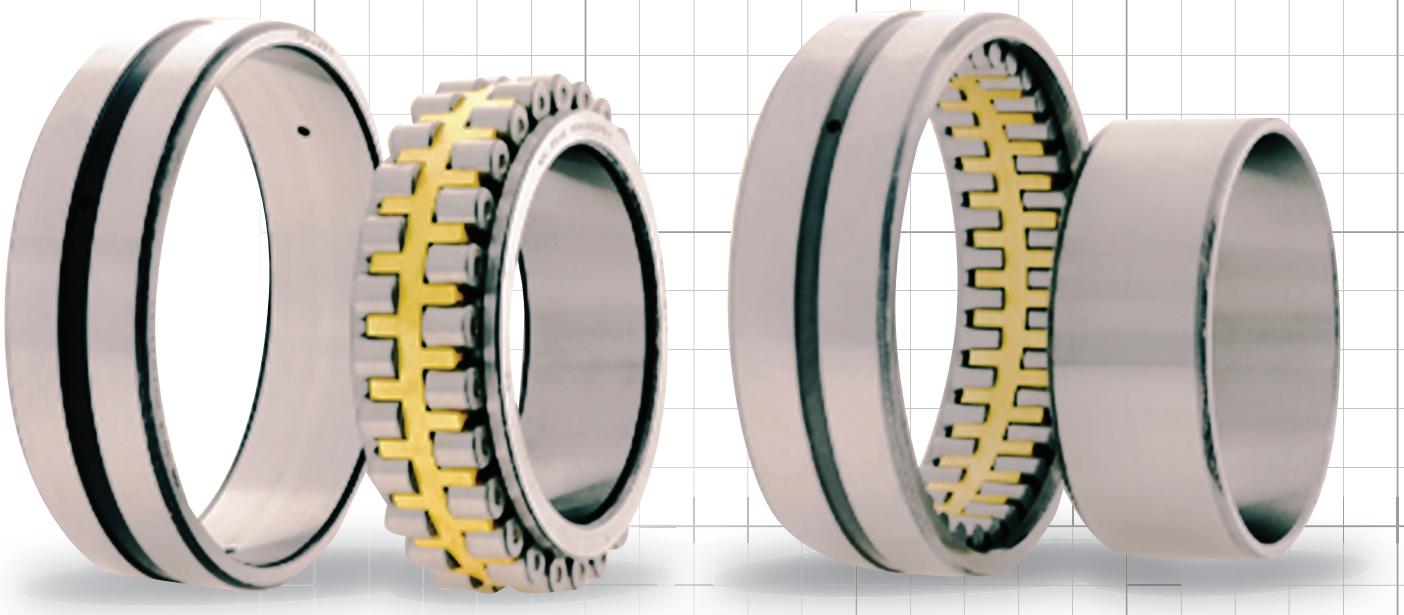
Double Row Cylindrical Roller Bearings



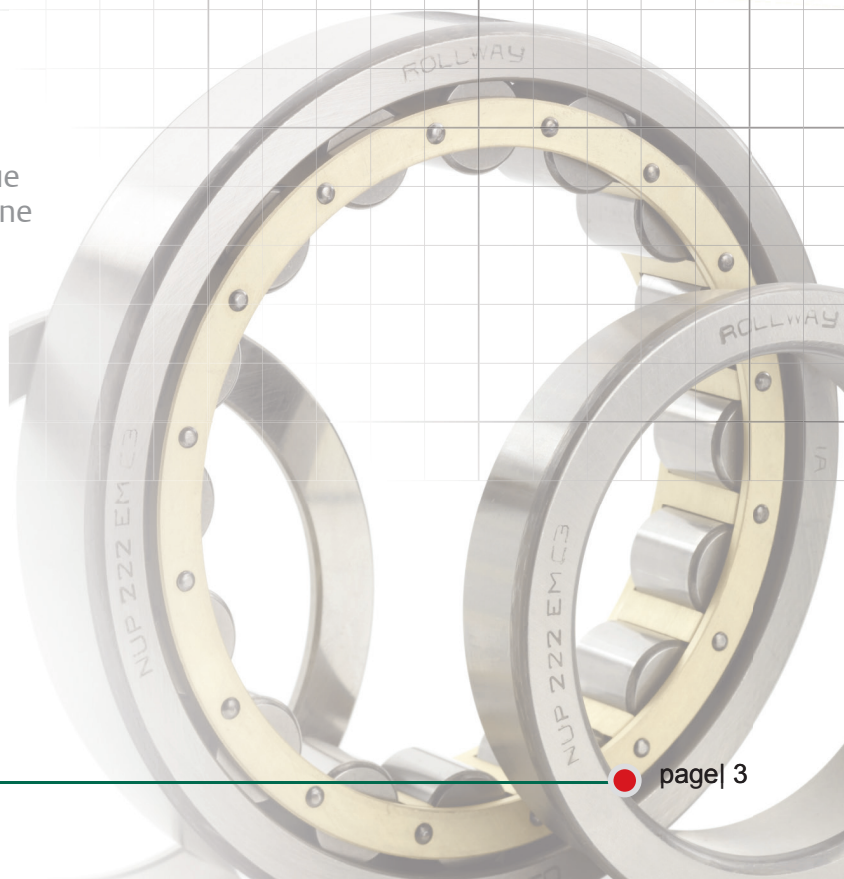
Series

NN 3000 I NNU 4900

The double row cylindrical roller bearings are available in high precision tolerances, and are due to their extreme rigidity, suited for use in n1achine tool spindles.

Versions

MP51: brass cage and tight tolerances (standard)
KNIP51: tapered bore
NN: ribs on inner ring
NNU: ribs on outer ring



ROLLWAY®

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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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