

Groove Ball Bearings

ROLLWAY®



A Regal Brand

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Single Row Deep Groove Ball Bearings

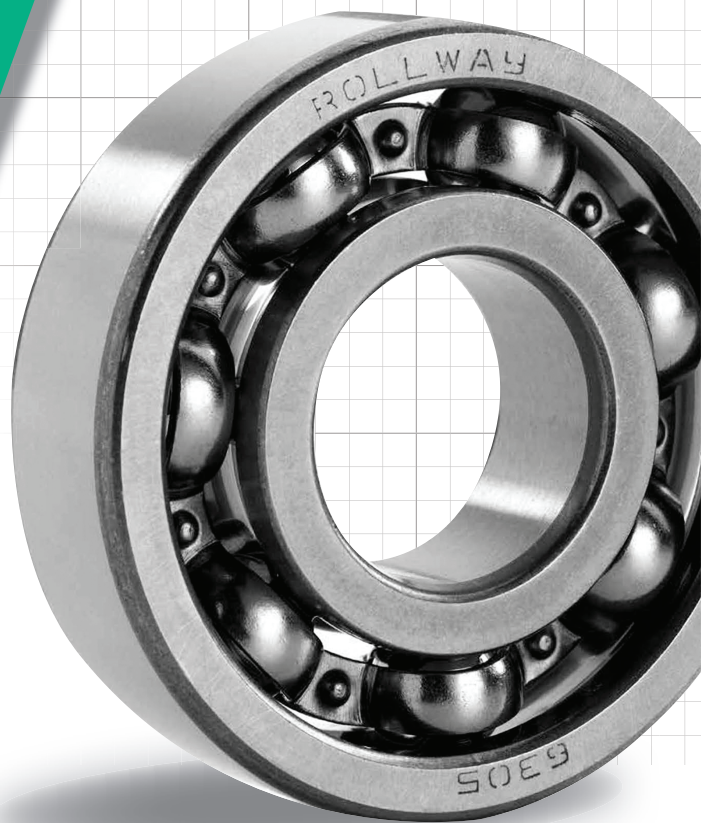
Series

600 | 6000 | 6200 | 6300 | 61000 | 6000

The single row deep groove ball bearing is the most popular type of roller bearings. Due to the deep grooves in the raceways of both inner and outer rings, the balls are supported in radial as well as axial direction, allowing also the bearing to compensate for small misalignments. They are non-separable, suitable for high speeds and they have an excellent load carrying capacity in radial as well as both axial directions.

Versions

ZZ: one (Z) or two (ZZ) sides shielded
RS: one (RS) or two (2RS) sides sealed
NR: snap ring groove with snap ring on outer
N: ring snap ring groove



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Angular Contact Ball Bearings

Series

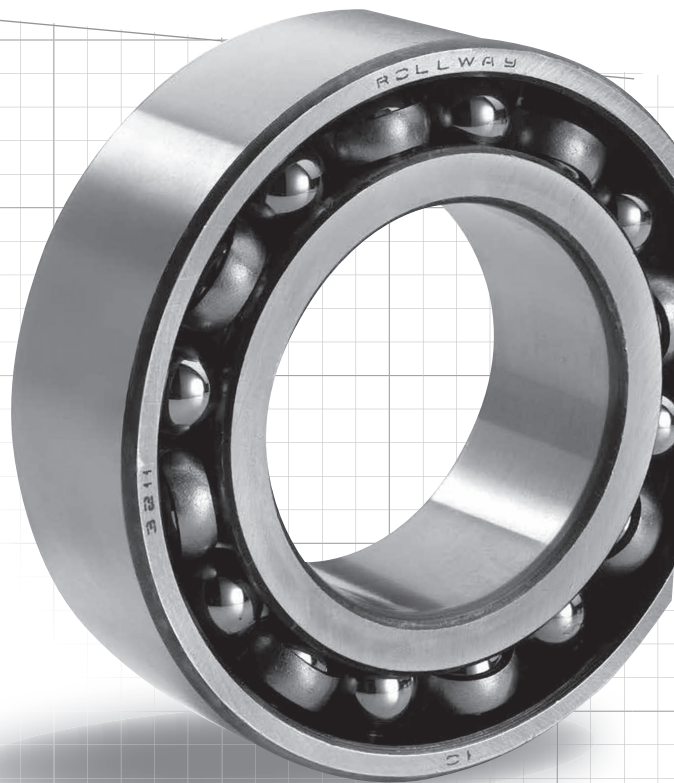
SINGLE ROW: 7000 | 7200 | 7300

DOUBLE ROW: 3200 | 3300

The angular contact ball bearings are designed to carry radial as well as single direction axial loads. They can be mounted in pairs, depending on the application.

Versions

Single Row
Contact angle: B (40°)
Bearings for paired use: BCB



ROLLWAY® Self-Aligning Ball Bearings

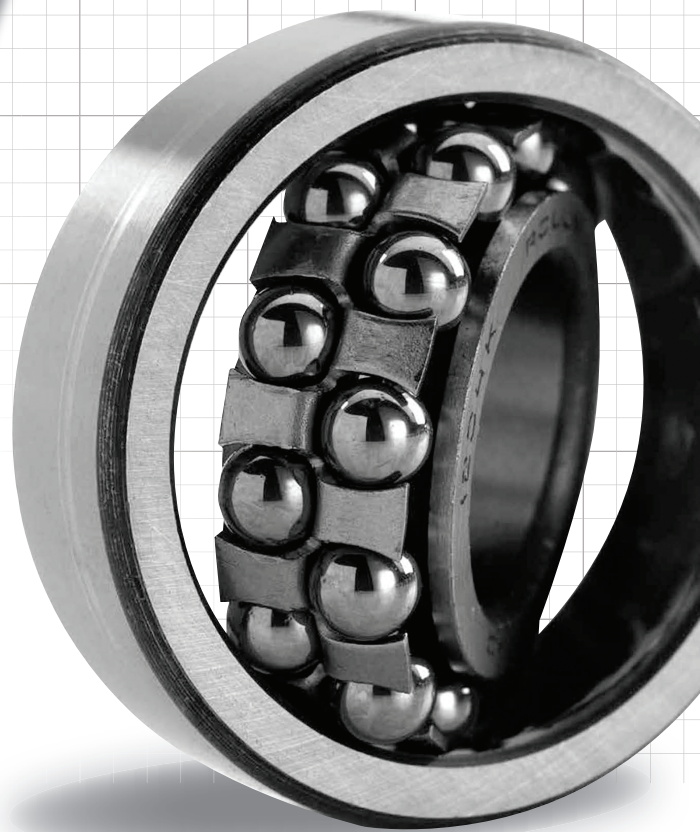
Series

1200 | 1300 | 2200 | 2300

The self-aligning ball bearing have two rows of balls and a spherical outer raceway. This allows misalignments caused by shaft deflection or variations in housing alignment.

Versions

Cylindrical bore or tapered (suffix K)
With tapered bore 1.12 and adapter sleeve



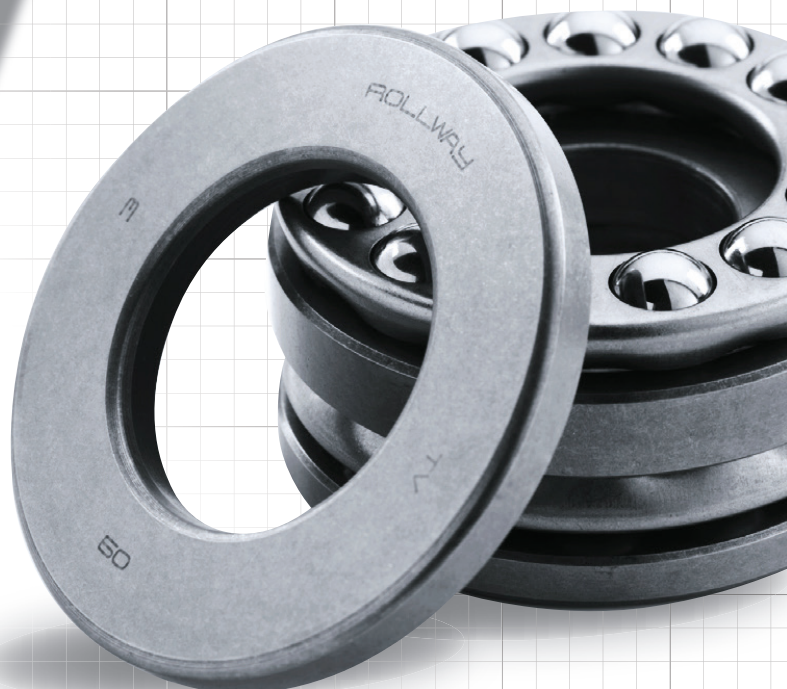
ROLLWAY® Thrust Ball Bearings

Series

SINGLE ACTING: 51100 | 51200
51300 | 51400

DOUBLE ACTING: 52200 | 52300 | 52400

The single acting thrust ball bearings are designed to carry only one directional axial load. Double acting thrust ball bearings can carry axial loads in 2 directions.





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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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