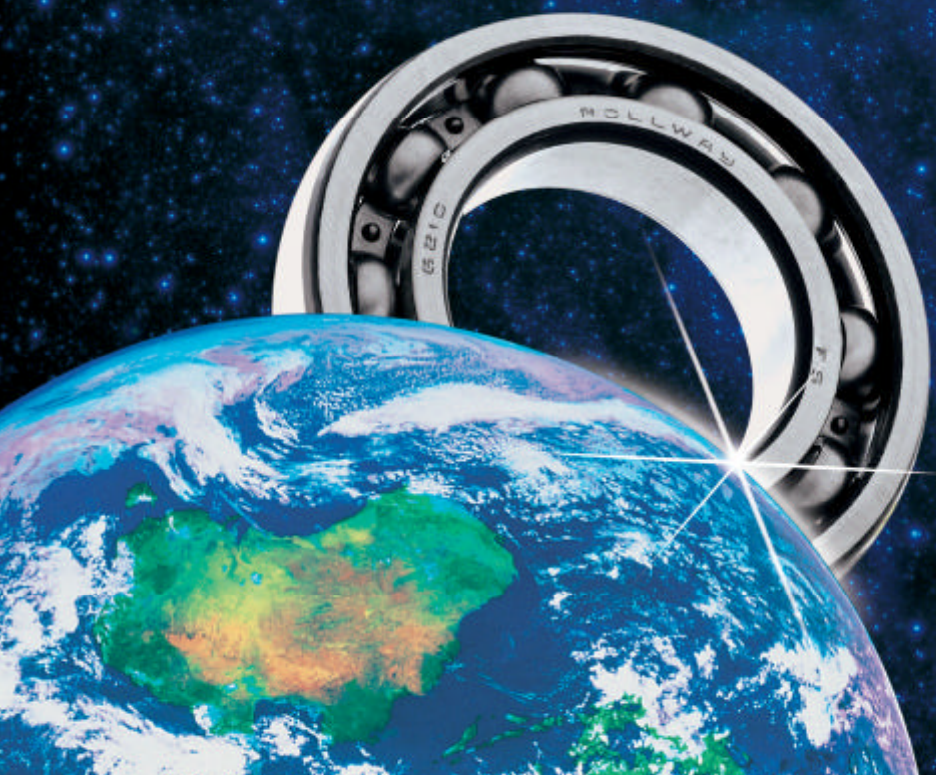




Groove Ball Bearings



ROLLWAY SINGLE ROW DEEP GROOVE BALL BEARINGS

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 ring
N: snap ring groove

Series

600 / 6000 / 6200 / 6300 / 61000 / 16000



ROLLWAY ANGULAR CONTACT BALL BEARINGS

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

Series

Single row: 7000 / 7200 / 7300
Double row: 3200 / 3300



ROLLWAY SELF-ALIGNING BALL BEARINGS

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

Series

1200 / 1300 / 2200 / 2300



ROLLWAY THRUST BALL BEARINGS

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.

Series

Single acting: 51100 / 51200 / 51300 / 51400

Double acting: 52200 / 52300 / 52400





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