

54306

Double direction thrust ball bearing with sphered housing washers



Double direction thrust ball bearings with a sphered housing washer can accommodate axial loads in both directions, but they must not be subjected to any radial load. Many of the components are interchangeable. These bearings can be used together with a sphered seat washer adjacent to the housing washer or adjacent to a machine component manufactured with a sphered surface. The shaft washers have a ground bore that enables an interference fit.

- Separable design facilitates mounting/dismounting and maintenance inspections
- Interchangeable components
- Ground bore of the shaft washers enable interference fits
- Accommodate initial misalignment
- Used with a sphered seat washer

Overview

Dimensions

Bore diameter	25 mm
Outside diameter	60 mm
Radius of aligning surface	50 mm
Thickness	41.3 mm

Performance

Basic dynamic load rating	35.8 kN
Basic static load rating	65.5 kN
Limiting speed	3 800 r/min
Reference speed	2 800 r/min

Properties

Axial load capability	Double-direction
Cage	Sheet metal
Coating	Without
Housing washer type	Sphered
Material, bearing	Bearing steel
Number of rows	2
Tolerance class	Normal

Technical Specification

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