

# 6003-2RSHNR

## Deep groove ball bearing

Single row deep groove ball bearings are the most widely used bearing type and are particularly versatile. They have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They can accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types.

- Simple, versatile and robust design
- Low friction
- High-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance



## Overview

### Dimensions

Bore diameter	0.669 in
Outside diameter	1.378 in
Width	0.394 in

### Performance

Basic dynamic load rating	1 432 lbf
Basic static load rating	731 lbf
Limiting speed	13 000 r/min
SKF performance class	SKF Explorer

## Properties

Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Filling slots	Without
Locating feature, bearing outer ring	Snap ring (fitted)
Lubricant	Grease
Matched arrangement	No
Material, bearing	Bearing steel
Number of rows	1
Radial internal clearance	CN
Relubrication feature	Without
Sealing	Seal on both sides
Sealing type	Contact

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