



# 6211-Z/C3

## Deep groove ball bearing with seals or shields

Single row deep groove ball bearings with seals or shields are particularly versatile, have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- Integral sealing prolongs bearing service life
- Simple, versatile and robust design
- Low friction and high-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance

## Overview

### Dimensions

Bore diameter	2.165 in
Outside diameter	3.937 in
Width	0.827 in

### Performance

Basic dynamic load rating	10 386 lbf
Basic static load rating	6 519 lbf
Limiting speed	9 000 r/min
Reference speed	14 000 r/min
SKF performance class	SKF Explorer

## Properties

Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Filling slots	Without
Locating feature, bearing outer ring	None
Lubricant	None
Matched arrangement	No
Material, bearing	Bearing steel
Number of rows	1
Radial internal clearance	C3
Relubrication feature	Without
Sealing	Shield on one side

Sealing type

Non-contact

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