

# 6302/C3

## Deep groove ball bearing

Single row deep groove ball bearings 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.

- 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 | 15 mm |
| Outside diameter | 42 mm |
| Width | 13 mm |

### Performance

| | |
|---|---|
| Basic dynamic load rating | 11.9 kN |
| Basic static load rating | 5.4 kN |
| Limiting speed | 24 000 r/min |
| Reference speed | 38 000 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 | Without |

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