



Image may differ from product. See technical specification for details.

## 6309 N/C3

### Deep groove ball bearing with snap ring groove

Single row deep groove ball bearings with a snap ring groove 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. An annular groove in the outer ring enables the bearings to retain a snap ring.

- Can accommodate a snap ring
- 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	45 mm
Outside diameter	100 mm
Width	25 mm

## Performance

Basic dynamic load rating	55.3 kN
Basic static load rating	31.5 kN
Reference speed	15 000 r/min
Limiting speed	9 500 r/min
SKF performance class	SKF Explorer

## Properties

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

## Logistics

Product net weight	0.801 kg
eClass code	23-05-08-01
UNSPSC code	31171504

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