



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

## 305/C3

### Deep groove ball bearing with filling slots

Single row deep groove ball bearings with filling slots accommodate more balls than standard deep groove ball bearings. They are of a simple, yet versatile, design and are robust in operation, requiring little maintenance. They can accommodate radial and axial loads in both directions. They have a higher radial load carrying capacity than the corresponding bearings without filling slots but have a limited axial load carrying capacity due to the filling slots.

- Simple, versatile and robust design
- Accommodate higher radial loads than corresponding bearings without filling slots, with limited axial loads in both directions
- Require little maintenance

# Overview

## Dimensions

Bore diameter	0.984 in
Outside diameter	2.441 in
Width	0.669 in

## Performance

Basic dynamic load rating	5 148 lbf
Basic static load rating	3 507 lbf
Reference speed	20 000 r/min
Limiting speed	13 000 r/min

## Properties

Filling slots	With
Number of rows	1
Locating feature, bearing outer ring	None
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	0.4894 lb
eClass code	23-05-08-01
UNSPSC code	31171504

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