

# Deep Groove Radial Ball Bearing 6211zz

Deep groove ball bearings can handle both axial and radial loads at high speeds and cannot be dismantled. The closed design simplifies the structure and reduces the need for maintenance.



## ADDITIONAL IMAGES



## Overview

### Deep Groove Radial Ball Bearing 6211ZZ

This deep groove ball bearing is designed for high-speed applications, offering the ability to support both axial and radial loads simultaneously. The non-dismantlable design ensures structural integrity and ease of use in various industrial settings. Featuring metal shields on both sides, this bearing is pre-lubricated and protected against contaminants, significantly reducing maintenance requirements.

## Technical Dimensions

### Dimensional Specifications

Parameter	Value (mm)
Bore Diameter (d)	55
Outer Diameter (D)	100
Width (B)	21
Fillet Radius (r)	1.5
Abutment Diameter (da)	63
Abutment Diameter (Da)	95
Fillet Radius (ra)	1.5

## Performance Metrics

### Load Capacity

**43.2 kN**

Dynamic Load Rating (Cr)

**29.2 kN**

Static Load Rating (Cor)

### Limiting Speeds

**6000 rpm**

Grease Speed

**7500 rpm**

Oil Speed

## General Information

### Physical Properties

0.58 kg

### Bearing Type

Deep Groove, Radial, Shielded