

# Electrically Insulated Deep Groove Ball Bearing 6312MC3VL0241

This electrically insulated deep groove ball bearing prevents current from passing through the bearing. It is used in electric motors and generators to protect against electrical erosion.



## Overview

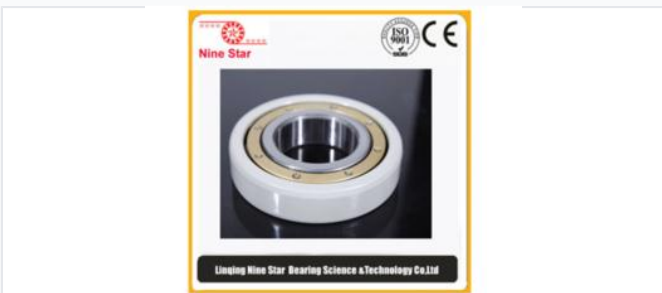


Designed to provide high electrical resistance and protection against erosion damage.

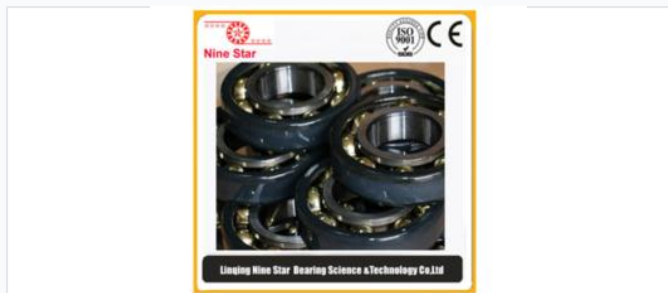
### Electrically Insulated Bearing Technology

This electrically insulated deep groove ball bearing is engineered to prevent electrical erosion, significantly extending the service life of motors, generators, and other electrical equipment. By incorporating specialized insulation, it effectively blocks stray electrical currents that can damage standard bearings. Designed for reliability in demanding environments, this component is an essential solution for applications where electrical discharge poses a risk to machinery integrity.

## Technical Specifications



Engineered for demanding applications like variable frequency drives to prevent current leakage.



Insulation is achieved via specialized coating on the ring, acting as a barrier against electrical flow.

Bearing Code	6312MC3VL0241
Bearing Type	Deep Groove Ball Bearing
Insulation Type	Inner or Outer Ring

## Dimensions

Bore Diameter (d)	60 mm
Outer Diameter (D)	130 mm
Width (B)	31 mm

## Logistics & Availability

### Packaging Options

- Carton boxes
- Wooden cases
- Pallets

Available Stock	18 pcs
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## Compliance

Certifications	ISO 9001, CE
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