

# Europe Electric Vehicle Bearings Market: Focus on Application, Product, and Country-wise Analysis - Analysis and Forecast, 2024-2034

<https://marketpublishers.com/r/EDCC0CD44316EN.html>

Date: June 2025

Pages: 123

Price: US\$ 3,250.00 (Single User License)

ID: EDCC0CD44316EN

## Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at [order@marketpublishers.com](mailto:order@marketpublishers.com) with your request.

This report will be delivered in 7-10 working days. Introduction to Europe Electric Vehicle Bearings Market

The Europe electric vehicle (EV) bearings market is projected to reach \$9.77 billion by 2034 from \$2.36 billion in 2024, growing at a CAGR of 15.3% during the forecast period 2024-2034. Electric vehicle (EV) bearings are specialized parts made to satisfy the special requirements of EVs, such as increased load capacities, higher speeds, and improved durability under varied torque conditions. These bearings reduce friction and maximize performance, which is crucial for the seamless operation of electric motors, gearboxes, and wheels.

New operating conditions and stress profiles brought about by the switch from internal combustion engines to electric motors call for innovations in bearing technology. Significant advancements in the industry are being driven by the growing demand for high-performance, energy-efficient EV bearings due to the European push to reduce carbon emissions.

Prominent European automakers are spending money on specialized bearing solutions to improve EV performance, longevity, and efficiency. Consequently, EV bearing technology is emerging as a key component of growth and innovation within the European automotive supply chain, supporting the region's transition toward sustainable mobility.

## Market Introduction

The market for electric vehicle (EV) bearings in Europe is expanding significantly due to the quick uptake of EVs, stricter carbon emission standards, and developments in bearing technology. High-performance, energy-efficient, and long-lasting bearings are becoming more and more necessary as EVs operate under different stress conditions than internal combustion engine (ICE) vehicles. These specialized bearings play a crucial role in reducing friction, enhancing efficiency, and ensuring the smooth operation of electric motors, gearboxes, and wheels.

Innovations in bearing materials, such as ceramic and hybrid bearings, are improving durability, heat resistance, and load capacity. The rising focus on lightweight and low-friction components to enhance EV performance and battery efficiency is further accelerating market expansion. Additionally, the adoption of smart bearings with real-time monitoring capabilities is gaining traction, enabling predictive maintenance and reducing operational costs.

The development of next-generation bearings that support faster speeds and greater efficiency is a major R&D investment for European automakers and suppliers. Market demand is also being fueled by the expansion of EV production facilities and the development of charging infrastructure throughout the region. The market for EV bearings will continue to be an essential component of the automotive supply chain as Europe moves closer to a future with sustainable and electric mobility.

## Market Segmentation

### Segmentation 1: by Propulsion

Battery Electric Vehicle (BEV)

Hybrid Electric Vehicle (HEV)

Plug-In Hybrid Electric Vehicle (PHEV)

### Segmentation 2: by Application

Gearbox/Transmission

Motor

E-Axle

Wheel

Others

### Segmentation 3: by Vehicle

Passenger Vehicle

Commercial Vehicle

### Segmentation 4: by Sales Channel

OEM

Aftermarket

### Segmentation 5: by Product

Roller Bearing

Ball Bearing

### Segmentation 6: by Material

Steel

Ceramic

Polymer

Other

## Segmentation 7: by Region

Europe - U.K., Germany, France, Italy, Netherlands, and Rest-of-Europe

How can this report add value to an organization?

**Product/Innovation Strategy:** The product segment helps the reader understand the different types of products and applications for Europe electric vehicle bearings. Moreover, the study provides the reader with a detailed understanding of the Europe electric vehicle bearings market by application on the basis of propulsion (battery electric vehicle (BEV), hybrid electric vehicle (HEV), and plug-in hybrid electric vehicle (PHEV)), on the basis of application (gearbox/transmission, motor, e-axle, wheel, and other), on the basis of vehicle (passenger vehicle and commercial vehicle), on the basis of sales channel (OEM and aftermarket), product on the basis of product (roller bearing and ball bearing), and material (steel, ceramic, polymer, and other).

**Growth/Marketing Strategy:** The Europe electric vehicle (EV) bearings market has seen major development by key players operating in the market, such as business expansion, partnership, collaboration, and joint venture. The favored strategy for the companies has been partnerships and contracts to strengthen their position in the electric vehicle (EV) bearings market.

**Competitive Strategy:** Key players in the Europe electric vehicle bearings market analyzed and profiled in the study involve major companies offering electric vehicle bearings designed for various applications. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

## Key Market Players and Competition Synopsis

The companies profiled for the Europe electric vehicle bearings market have been selected based on thorough secondary research, which includes analyzing company coverage, product portfolio, market penetration, and insights gathered from primary experts.

Some of the prominent companies in this market are:

SKF

Schaeffler AG

Fersa Bearings

Saint-Gobain Performance Plastics Pampus GmbH

## Contents

Executive Summary  
Scope and Definition

### 1 MARKETS

- 1.1 Trends: Current and Future Impact Assessment
  - 1.1.1 Low-Friction Electric Vehicle Bearings
  - 1.1.2 High-Speed Bearings
  - 1.1.3 Hybrid Bearings for Electric Pitting Prevention
  - 1.1.4 Low-Friction Lubricants
- 1.2 Technology Roadmap
- 1.3 Supply Chain Overview
  - 1.3.1 Supply Chain and Identifying Risks within the Supply Chain
  - 1.3.2 Value Chain Analysis
  - 1.3.3 Market Map
- 1.4 Ecosystem/Ongoing Programs
  - 1.4.1 Consortiums and Associations
  - 1.4.2 Government Programs and Initiatives (Electric Vehicles)
- 1.5 Comparative Analysis of Bearing Material Selection
  - 1.5.1 Pricing Analysis
  - 1.5.2 OEM Preference
- 1.6 Market Dynamics Overview
  - 1.6.1 Business Drivers
    - 1.6.1.1 Increasing Adoption of Electric Vehicles
    - 1.6.1.2 Technological Advancements in Bearing Material and Design
    - 1.6.1.3 Rising Investment in EV Infrastructure
  - 1.6.2 Business Challenges
    - 1.6.2.1 High Cost of Advanced Materials
    - 1.6.2.2 Technological Complexity and Manufacturing Challenges
    - 1.6.2.3 Dependence on EV Market Growth
  - 1.6.3 Business Opportunities
    - 1.6.3.1 Expansion into Commercial and Industrial EV Segments
    - 1.6.3.2 Integration of Smart Technologies

### 2 REGIONS

#### 2.1 Regional Summary

*Europe Electric Vehicle Bearings Market: Focus on Application, Product, and Country-wise Analysis - Analysis a...*

## 2.2 Drivers and Restraints

## 2.3 Europe

### 2.3.1 Markets

#### 2.3.1.1 Regional Overview

#### 2.3.1.2 Key Market Participants

#### 2.3.1.3 Driving Factors for Market Growth

#### 2.3.1.4 Factors Challenging the Market

#### 2.3.1.5 Analyst View

### 2.3.2 Application

### 2.3.3 Product

### 2.3.4 Europe Electric Vehicle Bearings Market (by Country)

#### 2.3.4.1 U.K.

##### 2.3.4.1.1 Application

##### 2.3.4.1.2 Product

#### 2.3.4.2 Germany

##### 2.3.4.2.1 Application

##### 2.3.4.2.2 Product

#### 2.3.4.3 France

##### 2.3.4.3.1 Application

##### 2.3.4.3.2 Product

#### 2.3.4.4 Italy

##### 2.3.4.4.1 Application

##### 2.3.4.4.2 Product

#### 2.3.4.5 Netherlands

##### 2.3.4.5.1 Application

##### 2.3.4.5.2 Product

#### 2.3.4.6 Rest-of-Europe

##### 2.3.4.6.1 Application

##### 2.3.4.6.2 Product

## 3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

### 3.1 Next Frontiers

### 3.2 Geographic Assessment

### 3.3 Product Matrix

#### 3.3.1 SKF

##### 3.3.1.1 Overview

##### 3.3.1.2 Top Products/Product Portfolio

##### 3.3.1.3 Top Competitors

- 3.3.1.4 Target Customers
- 3.3.1.5 Key Personnel
- 3.3.1.6 Analyst View
- 3.3.1.7 Market Share, 2023
- 3.3.2 Schaeffler AG
  - 3.3.2.1 Overview
  - 3.3.2.2 Top Products/Product Portfolio
  - 3.3.2.3 Top Competitors
  - 3.3.2.4 Target Customers
  - 3.3.2.5 Key Personnel
  - 3.3.2.6 Analyst View
  - 3.3.2.7 Market Share, 2023
- 3.3.3 Fersa Bearings
  - 3.3.3.1 Overview
  - 3.3.3.2 Top Products/Product Portfolio
  - 3.3.3.3 Top Competitors
  - 3.3.3.4 Target Customers
  - 3.3.3.5 Key Personnel
  - 3.3.3.6 Analyst View
  - 3.3.3.7 Market Share, 2023
- 3.3.4 Saint-Gobain Performance Plastics Pampus GmbH
  - 3.3.4.1 Overview
  - 3.3.4.2 Top Products/Product Portfolio
  - 3.3.4.3 Top Competitors
  - 3.3.4.4 Target Customers
  - 3.3.4.5 Key Personnel
  - 3.3.4.6 Analyst View
  - 3.3.4.7 Market Share, 2023
- 3.4 12. List of Other Key Manufacturers and Suppliers

## **4 RESEARCH METHODOLOGY**

- 4.1 Data Sources
  - 4.1.1 Primary Data Sources
  - 4.1.2 Secondary Data Sources
  - 4.1.3 Data Triangulation
- 4.2 Market Estimation and Forecast



## List Of Figures

### LIST OF FIGURES

Figure 1: Electric Vehicle Bearings Market (by Region), 2023, 2026, and 2034

Figure 2: Europe Electric Vehicle Bearings Market (by Application), 2023, 2026, and 2034

Figure 3: Europe Electric Vehicle Bearings Market (by Propulsion Type), 2023, 2026, and 2034

Figure 4: Europe Electric Vehicle Bearings Market (by Vehicle Type), 2023, 2026, and 2034

Figure 5: Europe Electric Vehicle Bearings Market (by Sales Channel), 2023, 2026, and 2034

Figure 6: Europe Electric Vehicle Bearings Market (by Product), 2023, 2026, and 2034

Figure 7: Europe Electric Vehicle Bearings Market (by Material), 2023, 2026, and 2034

Figure 8: Electric Vehicle Bearings Market, Recent Developments

Figure 9: Impact Analysis of Market Navigating Factors, 2023-2034

Figure 10: U.K. Electric Vehicle Bearings Market, \$Million, 2023-2034

Figure 11: Germany Electric Vehicle Bearings Market, \$Million, 2023-2034

Figure 12: France Electric Vehicle Bearings Market, \$Million, 2023-2034

Figure 13: Italy Electric Vehicle Bearings Market, \$Million, 2023-2034

Figure 14: Netherlands Electric Vehicle Bearings Market, \$Million, 2023-2034

Figure 15: Rest-of-Europe Electric Vehicle Bearings Market, \$Million, 2023-2034

Figure 16: Strategic Initiatives, 2020-2024

Figure 17: Share of Strategic Initiatives, 2020-2024

Figure 18: Data Triangulation

Figure 19: Top-Down and Bottom-Up Approach

Figure 20: Assumptions and Limitations

## List Of Tables

### LIST OF TABLES

Table 1: Market Snapshot

Table 2: Electric Vehicle Bearings Market, Opportunities

Table 3: Electric Vehicle Bearings Market (by Region), \$Million, 2023-2034

Table 4: Electric Vehicle Bearings Market (by Region), Million Units, 2023-2034

Table 5: Europe Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 6: Europe Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 7: Europe Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 8: Europe Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 9: Europe Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 10: Europe Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 11: Europe Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 12: Europe Electric Vehicle Bearings Market (by Sales Channel), Million Units, 2023-2034

Table 13: Europe Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 14: Europe Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 15: Europe Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 16: Europe Electric Vehicle Bearings Market (by Material), Million Units, 2023-2034

Table 17: U.K. Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 18: U.K. Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 19: U.K. Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 20: U.K. Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 21: U.K. Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 22: U.K. Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 23: U.K. Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 24: U.K. Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 25: U.K. Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 26: U.K. Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 27: U.K. Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 28: U.K. Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 29: Germany Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 30: Germany Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 31: Germany Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 32: Germany Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 33: Germany Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 34: Germany Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 35: Germany Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 36: Germany Electric Vehicle Bearings Market (by Sales Channel), Million Units, 2023-2034

Table 37: Germany Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 38: Germany Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 39: Germany Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 40: Germany Electric Vehicle Bearings Market (by Material), Million Units, 2023-2034

Table 41: France Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 42: France Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 43: France Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 44: France Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 45: France Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 46: France Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 47: France Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 48: France Electric Vehicle Bearings Market (by Sales Channel), Million Units, 2023-2034

Table 49: France Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 50: France Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 51: France Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 52: France Electric Vehicle Bearings Market (by Material), Million Units, 2023-2034

Table 53: Italy Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 54: Italy Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 55: Italy Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 56: Italy Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 57: Italy Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 58: Italy Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 59: Italy Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 60: Italy Electric Vehicle Bearings Market (by Sales Channel), Million Units, 2023-2034

Table 61: Italy Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 62: Italy Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 63: Italy Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 64: Italy Electric Vehicle Bearings Market (by Material), Million Units, 2023-2034

Table 65: Netherlands Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 66: Netherlands Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 67: Netherlands Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 68: Netherlands Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 69: Netherlands Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 70: Netherlands Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 71: Netherlands Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 72: Netherlands Electric Vehicle Bearings Market (by Sales Channel), Million Units, 2023-2034

Table 73: Netherlands Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 74: Netherlands Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 75: Netherlands Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 76: Netherlands Electric Vehicle Bearings Market (by Material), Million Unit, 2023-2034

Table 77: Rest-of-Europe Electric Vehicle Bearings Market (by Application), \$Million, 2023-2034

Table 78: Rest-of-Europe Electric Vehicle Bearings Market (by Application), Million Units, 2023-2034

Table 79: Rest-of-Europe Electric Vehicle Bearings Market (by Propulsion), \$Million, 2023-2034

Table 80: Rest-of-Europe Electric Vehicle Bearings Market (by Propulsion), Million Units, 2023-2034

Table 81: Rest-of-Europe Electric Vehicle Bearings Market (by Vehicle), \$Million, 2023-2034

Table 82: Rest-of-Europe Electric Vehicle Bearings Market (by Vehicle), Million Units, 2023-2034

Table 83: Rest-of-Europe Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 84: Rest-of-Europe Electric Vehicle Bearings Market (by Sales Channel), \$Million, 2023-2034

Table 85: Rest-of-Europe Electric Vehicle Bearings Market (by Product), \$Million, 2023-2034

Table 86: Rest-of-Europe Electric Vehicle Bearings Market (by Product), Million Units, 2023-2034

Table 87: Rest-of-Europe Electric Vehicle Bearings Market (by Material), \$Million, 2023-2034

Table 88: Rest-of-Europe Electric Vehicle Bearings Market (by Material), Million Units, 2023-2034

Table 89: Europe Electric Vehicle Bearings Market - Product Matrix

## I would like to order

Product name: Europe Electric Vehicle Bearings Market: Focus on Application, Product, and Country-wise Analysis - Analysis and Forecast, 2024-2034

Product link: <https://marketpublishers.com/r/EDCC0CD44316EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EDCC0CD44316EN.html>