

Global Electric Vehicle Bearings Market 2023-2029

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Abstracts

Bearings play a vital role in improving the performance of any rotating system by, among other functions, carrying the load and facilitating load transfer with minimal friction. All rotating components of an automotive system require bearings to perform their functions properly. Bearings improve the performance of the vehicle by supporting heavy loads and reducing friction. The major automotive subsystems that implement bearings are the internal combustion engines, transmissions, wheels, steering, pumps and other electrical systems. The global electric vehicle bearings market size is projected to grow by USD 7.2 billion from 2023 to 2029, registering a CAGR of 18.9 percent, according to the latest market data.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global electric vehicle bearings market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, material, application, technology, sales channel, vehicle type, and region. The global market for electric vehicle bearings can be segmented by product: ball bearings, composite bearings, roller bearings. The ball bearings segment captured the largest share of the market in 2022. Electric vehicle bearings market is further segmented by material: ceramic, metal, polymer, others. The metal segment held the largest share of the global electric vehicle bearings market in 2022 and is anticipated to hold its share during the forecast period. Based on application, the electric vehicle bearings market is segmented into: e-axles, motors, transmissions and gearboxes, wheels, others. In 2022, the e-axles segment made up the largest share of revenue generated by the electric vehicle bearings market. On the

basis of technology, the electric vehicle bearings market also can be divided into: battery electric vehicle (BEV), hybrid electric vehicle (HEV), plug-in hybrid electric vehicle (PHEV). Among these, the BEV segment was accounted for the highest revenue generator in 2022. Electric vehicle bearings market by sales channel is categorized into: aftermarket, OEM. The electric vehicle bearings market by vehicle type can be segmented into: commercial vehicle, passenger car. Based on region, the electric vehicle bearings market is further categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

Market Segmentation

By product: ball bearings, composite bearings, roller bearings

By material: ceramic, metal, polymer, others

By application: e-axles, motors, transmissions and gearboxes, wheels, others

By technology: battery electric vehicle (BEV), hybrid electric vehicle (HEV), plug-in hybrid electric vehicle (PHEV)

By sales channel: aftermarket, OEM

By vehicle type: commercial vehicle, passenger car

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The global electric vehicle bearings market report offers detailed information on several market vendors, including AB SKF, C&U Company Limited, Fersa Bearings S.A., ILJIN Holdings Co., Ltd., JTEKT Corporation, Nachi-Fujikoshi Corp., National Engineering Industries Ltd. (NBC Bearings), Ningbo Shuanglin Auto Parts Co., Ltd., NMB Technologies Corporation (MinebeaMitsumi Inc.), NRB Bearings Limited, NSK Ltd., NTN Corporation, Schaeffler Technologies AG & Co. KG., The Timken Company, Wafangdian Bearing Group Corp., Ltd., Wanxiang Qianchao Co., Ltd., Xiangyang Automobile Bearing Co., Ltd., Zhejiang XCC Group Co., Ltd., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global electric vehicle bearings market.

To classify and forecast the global electric vehicle bearings market based on product, material, application, technology, sales channel, vehicle type, region.

To identify drivers and challenges for the global electric vehicle bearings market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global electric vehicle bearings market.

To identify and analyze the profile of leading players operating in the global electric vehicle bearings market.

Why Choose This Report

Gain a reliable outlook of the global electric vehicle bearings market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Asia-Pacific

MEA (Middle East and Africa)

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AB SKF

C&U Company Limited

Fersa Bearings S.A.

ILJIN Holdings Co., Ltd.

JTEKT Corporation

Nachi-Fujikoshi Corp.

National Engineering Industries Ltd. (NBC Bearings)

Ningbo Shuanglin Auto Parts Co., Ltd.

NMB Technologies Corporation (MinebeaMitsumi Inc.)

NRB Bearings Limited

NSK Ltd.

NTN Corporation

Schaeffler Technologies AG & Co. KG.

The Timken Company

Wafangdian Bearing Group Corp., Ltd.

Wanxiang Qianchao Co., Ltd.

Xiangyang Automobile Bearing Co., Ltd.

Zhejiang XCC Group Co., Ltd.

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