

# **Motor Bearing Market Size, Trends, Analysis, and Outlook by Type (Rolling Bearing, Sliding Bearing, Joint Bearing, Others), Application (Control Motor, Power Motor, Signal Motor), Vehicle (Passenger car, Commercial Vehicle, Two-wheeler), Distribution Channel (OEM, Aftermarket), by Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Electric Vehicles (EV) market size is poised to register 15.96% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Electric Vehicles (EV) market by Component (Battery Cells & Packs, On-Board Charge, Motor, Reducer, Fuel Stack, Power Control Unit, Battery Management System, Fuel Processor, Power Conditioner, Air Compressor, Humidifier), Vehicle (Passenger Cars, Commercial Vehicles), Class (Low-priced, Mid-priced, Luxury), Top Speed, Below 125 MPH, Above 125 MPH), Drive Type (Front Wheel Drive, Rear Wheel Drive, All Wheel Drive), EV Charging Point (Normal Charging, Super Charging), Vehicle Connectivity (V2B or V2H, V2G, V2V, V2X), Propulsion (BEV, PHEV, FCEV), End-User (Private, Commercial Fleets).

The Electric Vehicles (EV) Market is poised for robust growth and transformation until 2030, driven by increasing concerns over climate change, coupled with stringent regulations aimed at reducing greenhouse gas emissions, which will drive significant adoption of electric vehicles as a cleaner and more sustainable alternative to traditional internal combustion engine vehicles. As governments worldwide implement policies to incentivize EV adoption, including subsidies, tax incentives, and emission standards, consumer interest in EVs will continue to rise. Secondly, advancements in battery technology, including improvements in energy density, charging speed, and cost reduction, will contribute to the development of EVs with longer range and faster

charging capabilities, making them more attractive and practical for mainstream consumers. Further, the growing infrastructure for EV charging, coupled with investments in renewable energy sources, will address concerns related to range anxiety and charging accessibility, driving adoption. In addition, changing consumer preferences toward eco-friendly products and services, coupled with technological innovations such as autonomous driving and connected vehicle technologies, will continue to enhance the appeal and functionality of electric vehicles. .

**Electric Vehicles (EV) Market Drivers, Trends, Opportunities, and Growth Opportunities**  
This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Electric Vehicles (EV) market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Electric Vehicles (EV) survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Electric Vehicles (EV) industry.

**Key market trends defining the global Electric Vehicles (EV) demand in 2024 and Beyond**

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

**Electric Vehicles (EV) Market Segmentation- Industry Share, Market Size, and Outlook to 2030**

The Electric Vehicles (EV) industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Electric Vehicles (EV) companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

**Key strategies adopted by companies within the Electric Vehicles (EV) industry**  
Leading Electric Vehicles (EV) companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report

provides key strategies opted for by the top 10 Electric Vehicles (EV) companies.

### Electric Vehicles (EV) Market Study- Strategic Analysis Review

The Electric Vehicles (EV) market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

### Electric Vehicles (EV) Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Electric Vehicles (EV) industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Electric Vehicles (EV) Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Electric Vehicles (EV) Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Electric Vehicles (EV) market segments. Similarly, Strong end-user demand is encouraging Canadian Electric Vehicles (EV) companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Electric Vehicles (EV) market is expected to experience significant expansion, offering lucrative

opportunities for both domestic and international stakeholders.

**Europe Electric Vehicles (EV) Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Electric Vehicles (EV) industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Electric Vehicles (EV) market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Electric Vehicles (EV) Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Electric Vehicles (EV) in Asia Pacific. In particular, China, India, and South East Asian Electric Vehicles (EV) markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Electric Vehicles (EV) Market Size Outlook- Continued urbanization and rising income levels**

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Electric Vehicles (EV) Market Size Outlook- continues its upward trajectory across segments**

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Electric Vehicles (EV) market potential. Fueled by increasing consumption expenditure, growing

population, and high demand across a few markets drives the demand for Electric Vehicles (EV).

### Electric Vehicles (EV) Market Company Profiles

The global Electric Vehicles (EV) market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Automotive Energy Supply Corp (AESC), BMW AG, Continental AG, Daimler AG, Delphi Technologies PLC, Ford Motor Company, Honda Motor Company, Hyundai Motor Company, LG Chem Ltd, Mahindra & Mahindra Ltd, Nissan Motor Co. Ltd, Panasonic Corp, Samsung SDI Co. Ltd, Tata Motors Ltd, Tesla Inc, Toyota Motor Corp, Volkswagen AG, ZF Friedrichshafen AG.

### Recent Electric Vehicles (EV) Market Developments

The global Electric Vehicles (EV) market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### Electric Vehicles (EV) Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

Component

Battery Cells & Packs

On-Board Charge

Motor

Reducer  
Fuel Stack  
Power Control Unit  
Battery Management System  
Fuel Processor  
Power Conditioner  
Air Compressor  
Humidifier  
Vehicle  
Passenger Cars  
Commercial Vehicles  
Class  
Low-priced  
Mid-priced  
Luxury  
Top Speed  
Below 125 MPH  
Above 125 MPH  
Drive Type  
Front Wheel Drive  
Rear Wheel Drive  
All Wheel Drive  
EV Charging Point  
Normal Charging  
Super Charging  
Vehicle Connectivity  
V2B or V2H  
V2G  
V2V  
V2X  
Propulsion  
BEV  
PHEV  
FCEV  
End-User  
Private  
Commercial Fleets

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

#### Companies

Automotive Energy Supply Corp (AESC)

BMW AG

Continental AG

Daimler AG

Delphi Technologies PLC

Ford Motor Company

Honda Motor Company

Hyundai Motor Company

LG Chem Ltd

Mahindra & Mahindra Ltd

Nissan Motor Co. Ltd

Panasonic Corp

Samsung SDI Co. Ltd

Tata Motors Ltd

Tesla Inc

Toyota Motor Corp

Volkswagen AG

ZF Friedrichshafen AG.

Formats Available: Excel, PDF, and PPT

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Motor Bearing Market Overview and Key Findings, 2024
- 1.2 Motor Bearing Market Size and Growth Outlook, 2021- 2030
- 1.3 Motor Bearing Market Growth Opportunities to 2030
- 1.4 Key Motor Bearing Market Trends and Challenges
  - 1.4.1 Motor Bearing Market Drivers and Trends
  - 1.4.2 Motor Bearing Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Motor Bearing Companies

### 2. MOTOR BEARING MARKET SIZE OUTLOOK TO 2030

- 2.1 Motor Bearing Market Size Outlook, USD Million, 2021- 2030
- 2.2 Motor Bearing Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. MOTOR BEARING MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. MOTOR BEARING MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - Type
  - Rolling Bearing
  - Sliding Bearing
  - Joint Bearing



Others

Application

Control Motor

Power Motor

Signal Motor

Vehicle

Passenger car

Commercial Vehicle

Two-wheeler

Distribution Channel

OEM

Aftermarket

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Motor Bearing Market, 2025

5.2 Asia Pacific Motor Bearing Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Motor Bearing Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Motor Bearing Market, 2025

5.5 Europe Motor Bearing Market Size Outlook by Type, 2021- 2030

5.6 Europe Motor Bearing Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Motor Bearing Market, 2025

5.8 North America Motor Bearing Market Size Outlook by Type, 2021- 2030

5.9 North America Motor Bearing Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Motor Bearing Market, 2025

5.11 South America Pacific Motor Bearing Market Size Outlook by Type, 2021- 2030

5.12 South America Motor Bearing Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Motor Bearing Market, 2025

5.14 Middle East Africa Motor Bearing Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Motor Bearing Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Motor Bearing Market Size Outlook and Revenue Growth Forecasts

6.2 US Motor Bearing Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Motor Bearing Industry Drivers and Opportunities

- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Motor Bearing Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Motor Bearing Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Motor Bearing Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Motor Bearing Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Motor Bearing Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Motor Bearing Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Motor Bearing Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Motor Bearing Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Motor Bearing Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Motor Bearing Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Motor Bearing Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Motor Bearing Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Motor Bearing Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Motor Bearing Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Motor Bearing Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Motor Bearing Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Motor Bearing Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Motor Bearing Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Motor Bearing Industry Drivers and Opportunities

## **7. MOTOR BEARING MARKET OUTLOOK ACROSS SCENARIOS**

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

## **8. MOTOR BEARING COMPANY PROFILES**

8.1 Profiles of Leading Motor Bearing Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

JTEKT Corp

Nippon Thompson Co. Ltd

NSK Ltd

NTN Corp

RBC Bearings Inc

Schaeffler AG

SKF AB

The Timken Company

THK CO. LTD

## **9. APPENDIX**

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

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