

Global Carbon Fiber Motor Rotors Market Growth 2026-2032

<https://marketpublishers.com/r/G4D3176C0369EN.html>

Date: October 2026

Pages: 88

Price: US\$ 3,660.00 (Single User License)

ID: G4D3176C0369EN

Abstracts

The global Carbon Fiber Motor Rotors market size is predicted to grow from US\$ 782 million in 2025 to US\$ 1158 million in 2032; it is expected to grow at a CAGR of 5.8% from 2026 to 2032.

A carbon fiber motor rotor is a component that utilizes carbon fiber composite materials as key structural elements or reinforcing agents. By leveraging the material's high strength, high specific modulus, low density, and excellent fatigue resistance, it enhances the rotor's mechanical strength, rotational speed capacity, and operational stability. These products are primarily used in applications demanding lightweight construction, high power density, and high-speed rotation—such as high-speed motors, permanent magnet synchronous motors (PMSMs), drive motors for new energy vehicles, aerospace motors, and industrial high-speed motors. In 2025, global sales volume reached 9.4 million units with a production capacity of approximately 13 million units; the average selling price was \$85 per unit, and the average gross profit margin ranged from 30% to 40%.

In high-speed motors, rotors are subjected to immense centrifugal forces as rotational speeds increase. Traditional metal rotor sleeves (such as those made of steel or titanium alloys) may face issues regarding excessive weight, increased losses, and mechanical strength limitations. Carbon fiber motor rotors typically feature a protective sleeve formed by winding or wrapping carbon fiber composite materials around the rotor's outer surface; this sleeve provides containment and protection for the internal magnets or rotor structure, thereby improving the motor's high-speed operational capabilities.

Technological advancements in carbon fiber motor rotors primarily center on enhancing

material properties, optimizing composite molding processes, and innovating structural designs. Early products utilized carbon fiber winding to create rotor retaining sleeves, thereby constraining permanent magnets to mitigate mechanical risks during high-speed rotation. Future developments will shift toward high-strength carbon fiber materials, high-temperature resin systems, automated fiber winding, resin transfer molding (RTM), and continuous fiber composite molding to improve production efficiency and consistency. Concurrently, product structures will evolve from simple carbon fiber retaining sleeves to integrated carbon fiber-reinforced rotor assemblies; by optimizing fiber layup orientation, thickness design, and interfacial bonding technologies, these assemblies will achieve higher rotational speeds, greater power density, and extended service lives.

The global promotion of new energy vehicles (NEVs), carbon reduction targets, and policies fostering high-efficiency motors have created a favorable industrial environment for carbon fiber motor rotors. Regions such as Europe, the United States, and Japan are actively advancing NEVs, electric aviation, and high-efficiency energy equipment, driving demand for lightweight, high-efficiency electric drive systems. Meanwhile, leveraging its strengths in the NEV supply chain, China is accelerating the localization of high-performance motor materials and key components. Furthermore, as NEV motors transition toward 800V high-voltage platforms and higher rotational speeds, the requirements for rotor mechanical strength and thermal stability are intensifying, thereby driving the exploration of carbon fiber composite applications in the motor sector.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Carbon Fiber Motor Rotors Industry Forecast” looks at past sales and reviews total world Carbon Fiber Motor Rotors sales in 2025, providing a comprehensive analysis by region and market sector of projected Carbon Fiber Motor Rotors sales for 2026 through 2032. With Carbon Fiber Motor Rotors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Carbon Fiber Motor Rotors industry.

This Insight Report provides a comprehensive analysis of the global Carbon Fiber Motor Rotors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Carbon Fiber Motor Rotors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an

accelerating global Carbon Fiber Motor Rotors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Carbon Fiber Motor Rotors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Carbon Fiber Motor Rotors.

This report presents a comprehensive overview, market shares, and growth opportunities of Carbon Fiber Motor Rotors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Filament-Wound Rotor

Molded Rotor

Segmentation by Structure:

Surface-Mount

Built-In

Segmentation by Maximum Rotational Speed:

>20,000 rpm

20,000–60,000 rpm

>60,000 rpm

Segmentation by Application:

New Energy Vehicles

Aerospace

Industrial Machine Tools

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BorgWarner

Tesla

OTSO FINTECH

Fukuta

Huayu New Materials

Inovance United Power

FAW Hongqi

Tianweilan Electric Drive

Jindi Shares

Geely (Zeekr)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Carbon Fiber Motor Rotors market?

What factors are driving Carbon Fiber Motor Rotors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Carbon Fiber Motor Rotors market opportunities vary by end market size?

How does Carbon Fiber Motor Rotors break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Carbon Fiber Motor Rotors Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Carbon Fiber Motor Rotors by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Carbon Fiber Motor Rotors by Country/Region, 2021, 2025 & 2032
- 2.2 Carbon Fiber Motor Rotors Segment by Type
 - 2.2.1 Filament-Wound Rotor
 - 2.2.2 Molded Rotor
 - 2.2.3 Carbon Fiber Motor Rotors Sales by Type
 - 2.2.3.1 Global Carbon Fiber Motor Rotors Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global Carbon Fiber Motor Rotors Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global Carbon Fiber Motor Rotors Sale Price by Type (2021-2026)
- 2.3 Carbon Fiber Motor Rotors Segment by Structure
 - 2.3.1 Surface-Mount
 - 2.3.2 Built-In
 - 2.3.3 Carbon Fiber Motor Rotors Sales by Structure
 - 2.3.3.1 Global Carbon Fiber Motor Rotors Sales Market Share by Structure (2021-2026)
 - 2.3.3.2 Global Carbon Fiber Motor Rotors Revenue and Market Share by Structure (2021-2026)
 - 2.3.3.3 Global Carbon Fiber Motor Rotors Sale Price by Structure (2021-2026)
- 2.4 Carbon Fiber Motor Rotors Segment by Maximum Rotational Speed

2.4.1 >20,000 rpm

2.4.2 20,000–60,000 rpm

2.4.3 >60,000 rpm

2.4.4 Carbon Fiber Motor Rotors Sales by Maximum Rotational Speed

2.4.4.1 Global Carbon Fiber Motor Rotors Sales Market Share by Maximum Rotational Speed (2021-2026)

2.4.4.2 Global Carbon Fiber Motor Rotors Revenue and Market Share by Maximum Rotational Speed (2021-2026)

2.4.4.3 Global Carbon Fiber Motor Rotors Sale Price by Maximum Rotational Speed (2021-2026)

2.5 Carbon Fiber Motor Rotors Segment by Application

2.5.1 New Energy Vehicles

2.5.2 Aerospace

2.5.3 Industrial Machine Tools

2.5.4 Others

2.5.5 Carbon Fiber Motor Rotors Sales by Application

2.5.5.1 Global Carbon Fiber Motor Rotors Sale Market Share by Application (2021-2026)

2.5.5.2 Global Carbon Fiber Motor Rotors Revenue and Market Share by Application (2021-2026)

2.5.5.3 Global Carbon Fiber Motor Rotors Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Carbon Fiber Motor Rotors Breakdown Data by Company

3.1.1 Global Carbon Fiber Motor Rotors Annual Sales by Company (2021-2026)

3.1.2 Global Carbon Fiber Motor Rotors Sales Market Share by Company (2021-2026)

3.2 Global Carbon Fiber Motor Rotors Annual Revenue by Company (2021-2026)

3.2.1 Global Carbon Fiber Motor Rotors Revenue by Company (2021-2026)

3.2.2 Global Carbon Fiber Motor Rotors Revenue Market Share by Company (2021-2026)

3.3 Global Carbon Fiber Motor Rotors Sale Price by Company

3.4 Key Manufacturers Carbon Fiber Motor Rotors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Carbon Fiber Motor Rotors Product Location Distribution

3.4.2 Players Carbon Fiber Motor Rotors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR CARBON FIBER MOTOR ROTORS BY GEOGRAPHIC REGION

4.1 World Historic Carbon Fiber Motor Rotors Market Size by Geographic Region (2021-2026)

4.1.1 Global Carbon Fiber Motor Rotors Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Carbon Fiber Motor Rotors Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Carbon Fiber Motor Rotors Market Size by Country/Region (2021-2026)

4.2.1 Global Carbon Fiber Motor Rotors Annual Sales by Country/Region (2021-2026)

4.2.2 Global Carbon Fiber Motor Rotors Annual Revenue by Country/Region (2021-2026)

4.3 Americas Carbon Fiber Motor Rotors Sales Growth

4.4 APAC Carbon Fiber Motor Rotors Sales Growth

4.5 Europe Carbon Fiber Motor Rotors Sales Growth

4.6 Middle East & Africa Carbon Fiber Motor Rotors Sales Growth

5 AMERICAS

5.1 Americas Carbon Fiber Motor Rotors Sales by Country

5.1.1 Americas Carbon Fiber Motor Rotors Sales by Country (2021-2026)

5.1.2 Americas Carbon Fiber Motor Rotors Revenue by Country (2021-2026)

5.2 Americas Carbon Fiber Motor Rotors Sales by Type (2021-2026)

5.3 Americas Carbon Fiber Motor Rotors Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Carbon Fiber Motor Rotors Sales by Region

6.1.1 APAC Carbon Fiber Motor Rotors Sales by Region (2021-2026)

6.1.2 APAC Carbon Fiber Motor Rotors Revenue by Region (2021-2026)

- 6.2 APAC Carbon Fiber Motor Rotors Sales by Type (2021-2026)
- 6.3 APAC Carbon Fiber Motor Rotors Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Carbon Fiber Motor Rotors by Country
 - 7.1.1 Europe Carbon Fiber Motor Rotors Sales by Country (2021-2026)
 - 7.1.2 Europe Carbon Fiber Motor Rotors Revenue by Country (2021-2026)
- 7.2 Europe Carbon Fiber Motor Rotors Sales by Type (2021-2026)
- 7.3 Europe Carbon Fiber Motor Rotors Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Carbon Fiber Motor Rotors by Country
 - 8.1.1 Middle East & Africa Carbon Fiber Motor Rotors Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Carbon Fiber Motor Rotors Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Carbon Fiber Motor Rotors Sales by Type (2021-2026)
- 8.3 Middle East & Africa Carbon Fiber Motor Rotors Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Carbon Fiber Motor Rotors
- 10.3 Manufacturing Process Analysis of Carbon Fiber Motor Rotors
- 10.4 Industry Chain Structure of Carbon Fiber Motor Rotors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Carbon Fiber Motor Rotors Distributors
- 11.3 Carbon Fiber Motor Rotors Customer

12 WORLD FORECAST REVIEW FOR CARBON FIBER MOTOR ROTORS BY GEOGRAPHIC REGION

- 12.1 Global Carbon Fiber Motor Rotors Market Size Forecast by Region
 - 12.1.1 Global Carbon Fiber Motor Rotors Forecast by Region (2027-2032)
 - 12.1.2 Global Carbon Fiber Motor Rotors Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Carbon Fiber Motor Rotors Forecast by Type (2027-2032)
- 12.7 Global Carbon Fiber Motor Rotors Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

- 13.1 BorgWarner
 - 13.1.1 BorgWarner Company Information
 - 13.1.2 BorgWarner Carbon Fiber Motor Rotors Product Portfolios and Specifications
 - 13.1.3 BorgWarner Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross

Margin (2021-2026)

13.1.4 BorgWarner Main Business Overview

13.1.5 BorgWarner Latest Developments

13.2 Tesla

13.2.1 Tesla Company Information

13.2.2 Tesla Carbon Fiber Motor Rotors Product Portfolios and Specifications

13.2.3 Tesla Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin

(2021-2026)

13.2.4 Tesla Main Business Overview

13.2.5 Tesla Latest Developments

13.3 OTSO FINTECH

13.3.1 OTSO FINTECH Company Information

13.3.2 OTSO FINTECH Carbon Fiber Motor Rotors Product Portfolios and

Specifications

13.3.3 OTSO FINTECH Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross

Margin (2021-2026)

13.3.4 OTSO FINTECH Main Business Overview

13.3.5 OTSO FINTECH Latest Developments

13.4 Fukuta

13.4.1 Fukuta Company Information

13.4.2 Fukuta Carbon Fiber Motor Rotors Product Portfolios and Specifications

13.4.3 Fukuta Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin

(2021-2026)

13.4.4 Fukuta Main Business Overview

13.4.5 Fukuta Latest Developments

13.5 Huayu New Materials

13.5.1 Huayu New Materials Company Information

13.5.2 Huayu New Materials Carbon Fiber Motor Rotors Product Portfolios and

Specifications

13.5.3 Huayu New Materials Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Huayu New Materials Main Business Overview

13.5.5 Huayu New Materials Latest Developments

13.6 Inovance United Power

13.6.1 Inovance United Power Company Information

13.6.2 Inovance United Power Carbon Fiber Motor Rotors Product Portfolios and Specifications

13.6.3 Inovance United Power Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.6.4 Inovance United Power Main Business Overview
- 13.6.5 Inovance United Power Latest Developments
- 13.7 FAW Hongqi
 - 13.7.1 FAW Hongqi Company Information
 - 13.7.2 FAW Hongqi Carbon Fiber Motor Rotors Product Portfolios and Specifications
 - 13.7.3 FAW Hongqi Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 FAW Hongqi Main Business Overview
 - 13.7.5 FAW Hongqi Latest Developments
- 13.8 Tianweilan Electric Drive
 - 13.8.1 Tianweilan Electric Drive Company Information
 - 13.8.2 Tianweilan Electric Drive Carbon Fiber Motor Rotors Product Portfolios and Specifications
 - 13.8.3 Tianweilan Electric Drive Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Tianweilan Electric Drive Main Business Overview
 - 13.8.5 Tianweilan Electric Drive Latest Developments
- 13.9 Jindi Shares
 - 13.9.1 Jindi Shares Company Information
 - 13.9.2 Jindi Shares Carbon Fiber Motor Rotors Product Portfolios and Specifications
 - 13.9.3 Jindi Shares Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Jindi Shares Main Business Overview
 - 13.9.5 Jindi Shares Latest Developments
- 13.10 Geely (Zeekr)
 - 13.10.1 Geely (Zeekr) Company Information
 - 13.10.2 Geely (Zeekr) Carbon Fiber Motor Rotors Product Portfolios and Specifications
 - 13.10.3 Geely (Zeekr) Carbon Fiber Motor Rotors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 Geely (Zeekr) Main Business Overview
 - 13.10.5 Geely (Zeekr) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Carbon Fiber Motor Rotors Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Carbon Fiber Motor Rotors Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Filament-Wound Rotor
- Table 4. Major Players of Molded Rotor
- Table 5. Global Carbon Fiber Motor Rotors Sales by Type (2021-2026) & (K Units)
- Table 6. Global Carbon Fiber Motor Rotors Sales Market Share by Type (2021-2026)
- Table 7. Global Carbon Fiber Motor Rotors Revenue by Type (2021-2026) & (\$ million)
- Table 8. Global Carbon Fiber Motor Rotors Revenue Market Share by Type (2021-2026)
- Table 9. Global Carbon Fiber Motor Rotors Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 10. Major Players of Surface-Mount
- Table 11. Major Players of Built-In
- Table 12. Global Carbon Fiber Motor Rotors Sales by Structure (2021-2026) & (K Units)
- Table 13. Global Carbon Fiber Motor Rotors Sales Market Share by Structure (2021-2026)
- Table 14. Global Carbon Fiber Motor Rotors Revenue by Structure (2021-2026) & (\$ million)
- Table 15. Global Carbon Fiber Motor Rotors Revenue Market Share by Structure (2021-2026)
- Table 16. Global Carbon Fiber Motor Rotors Sale Price by Structure (2021-2026) & (US\$/Unit)
- Table 17. Major Players of ?20,000 rpm
- Table 18. Major Players of 20,000–60,000 rpm
- Table 19. Major Players of ?60,000 rpm
- Table 20. Global Carbon Fiber Motor Rotors Sales by Maximum Rotational Speed (2021-2026) & (K Units)
- Table 21. Global Carbon Fiber Motor Rotors Sales Market Share by Maximum Rotational Speed (2021-2026)
- Table 22. Global Carbon Fiber Motor Rotors Revenue by Maximum Rotational Speed (2021-2026) & (\$ million)
- Table 23. Global Carbon Fiber Motor Rotors Revenue Market Share by Maximum Rotational Speed (2021-2026)

Table 24. Global Carbon Fiber Motor Rotors Sale Price by Maximum Rotational Speed (2021-2026) & (US\$/Unit)

Table 25. Global Carbon Fiber Motor Rotors Sale by Application (2021-2026) & (K Units)

Table 26. Global Carbon Fiber Motor Rotors Sale Market Share by Application (2021-2026)

Table 27. Global Carbon Fiber Motor Rotors Revenue by Application (2021-2026) & (\$ million)

Table 28. Global Carbon Fiber Motor Rotors Revenue Market Share by Application (2021-2026)

Table 29. Global Carbon Fiber Motor Rotors Sale Price by Application (2021-2026) & (US\$/Unit)

Table 30. Global Carbon Fiber Motor Rotors Sales by Company (2021-2026) & (K Units)

Table 31. Global Carbon Fiber Motor Rotors Sales Market Share by Company (2021-2026)

Table 32. Global Carbon Fiber Motor Rotors Revenue by Company (2021-2026) & (\$ millions)

Table 33. Global Carbon Fiber Motor Rotors Revenue Market Share by Company (2021-2026)

Table 34. Global Carbon Fiber Motor Rotors Sale Price by Company (2021-2026) & (US\$/Unit)

Table 35. Key Manufacturers Carbon Fiber Motor Rotors Producing Area Distribution and Sales Area

Table 36. Players Carbon Fiber Motor Rotors Products Offered

Table 37. Carbon Fiber Motor Rotors Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 38. New Products and Potential Entrants

Table 39. Market M&A Activity & Strategy

Table 40. Global Carbon Fiber Motor Rotors Sales by Geographic Region (2021-2026) & (K Units)

Table 41. Global Carbon Fiber Motor Rotors Sales Market Share Geographic Region (2021-2026)

Table 42. Global Carbon Fiber Motor Rotors Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 43. Global Carbon Fiber Motor Rotors Revenue Market Share by Geographic Region (2021-2026)

Table 44. Global Carbon Fiber Motor Rotors Sales by Country/Region (2021-2026) & (K Units)

Table 45. Global Carbon Fiber Motor Rotors Sales Market Share by Country/Region (2021-2026)

Table 46. Global Carbon Fiber Motor Rotors Revenue by Country/Region (2021-2026) & (\$ millions)

Table 47. Global Carbon Fiber Motor Rotors Revenue Market Share by Country/Region (2021-2026)

Table 48. Americas Carbon Fiber Motor Rotors Sales by Country (2021-2026) & (K Units)

Table 49. Americas Carbon Fiber Motor Rotors Sales Market Share by Country (2021-2026)

Table 50. Americas Carbon Fiber Motor Rotors Revenue by Country (2021-2026) & (\$ millions)

Table 51. Americas Carbon Fiber Motor Rotors Sales by Type (2021-2026) & (K Units)

Table 52. Americas Carbon Fiber Motor Rotors Sales by Application (2021-2026) & (K Units)

Table 53. APAC Carbon Fiber Motor Rotors Sales by Region (2021-2026) & (K Units)

Table 54. APAC Carbon Fiber Motor Rotors Sales Market Share by Region (2021-2026)

Table 55. APAC Carbon Fiber Motor Rotors Revenue by Region (2021-2026) & (\$ millions)

Table 56. APAC Carbon Fiber Motor Rotors Sales by Type (2021-2026) & (K Units)

Table 57. APAC Carbon Fiber Motor Rotors Sales by Application (2021-2026) & (K Units)

Table 58. Europe Carbon Fiber Motor Rotors Sales by Country (2021-2026) & (K Units)

Table 59. Europe Carbon Fiber Motor Rotors Revenue by Country (2021-2026) & (\$ millions)

Table 60. Europe Carbon Fiber Motor Rotors Sales by Type (2021-2026) & (K Units)

Table 61. Europe Carbon Fiber Motor Rotors Sales by Application (2021-2026) & (K Units)

Table 62. Middle East & Africa Carbon Fiber Motor Rotors Sales by Country (2021-2026) & (K Units)

Table 63. Middle East & Africa Carbon Fiber Motor Rotors Revenue Market Share by Country (2021-2026)

Table 64. Middle East & Africa Carbon Fiber Motor Rotors Sales by Type (2021-2026) & (K Units)

Table 65. Middle East & Africa Carbon Fiber Motor Rotors Sales by Application (2021-2026) & (K Units)

Table 66. Key Market Drivers & Growth Opportunities of Carbon Fiber Motor Rotors

Table 67. Key Market Challenges & Risks of Carbon Fiber Motor Rotors

Table 68. Key Industry Trends of Carbon Fiber Motor Rotors

Table 69. Carbon Fiber Motor Rotors Raw Material

Table 70. Key Suppliers of Raw Materials

Table 71. Carbon Fiber Motor Rotors Distributors List

Table 72. Carbon Fiber Motor Rotors Customer List

Table 73. Global Carbon Fiber Motor Rotors Sales Forecast by Region (2027-2032) & (K Units)

Table 74. Global Carbon Fiber Motor Rotors Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 75. Americas Carbon Fiber Motor Rotors Sales Forecast by Country (2027-2032) & (K Units)

Table 76. Americas Carbon Fiber Motor Rotors Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 77. APAC Carbon Fiber Motor Rotors Sales Forecast by Region (2027-2032) & (K Units)

Table 78. APAC Carbon Fiber Motor Rotors Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 79. Europe Carbon Fiber Motor Rotors Sales Forecast by Country (2027-2032) & (K Units)

Table 80. Europe Carbon Fiber Motor Rotors Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 81. Middle East & Africa Carbon Fiber Motor Rotors Sales Forecast by Country (2027-2032) & (K Units)

Table 82. Middle East & Africa Carbon Fiber Motor Rotors Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Global Carbon Fiber Motor Rotors Sales Forecast by Type (2027-2032) & (K Units)

Table 84. Global Carbon Fiber Motor Rotors Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 85. Global Carbon Fiber Motor Rotors Sales Forecast by Application (2027-2032) & (K Units)

Table 86. Global Carbon Fiber Motor Rotors Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 87. BorgWarner Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 88. BorgWarner Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 89. BorgWarner Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 90. BorgWarner Main Business

Table 91. BorgWarner Latest Developments

Table 92. Tesla Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 93. Tesla Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 94. Tesla Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 95. Tesla Main Business

Table 96. Tesla Latest Developments

Table 97. OTSO FINTECH Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 98. OTSO FINTECH Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 99. OTSO FINTECH Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 100. OTSO FINTECH Main Business

Table 101. OTSO FINTECH Latest Developments

Table 102. Fukuta Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 103. Fukuta Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 104. Fukuta Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 105. Fukuta Main Business

Table 106. Fukuta Latest Developments

Table 107. Huayu New Materials Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 108. Huayu New Materials Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 109. Huayu New Materials Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 110. Huayu New Materials Main Business

Table 111. Huayu New Materials Latest Developments

Table 112. Inovance United Power Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 113. Inovance United Power Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 114. Inovance United Power Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 115. Inovance United Power Main Business

Table 116. Inovance United Power Latest Developments

Table 117. FAW Hongqi Basic Information, Carbon Fiber Motor Rotors Manufacturing

Base, Sales Area and Its Competitors

Table 118. FAW Hongqi Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 119. FAW Hongqi Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 120. FAW Hongqi Main Business

Table 121. FAW Hongqi Latest Developments

Table 122. Tianweilan Electric Drive Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 123. Tianweilan Electric Drive Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 124. Tianweilan Electric Drive Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 125. Tianweilan Electric Drive Main Business

Table 126. Tianweilan Electric Drive Latest Developments

Table 127. Jindi Shares Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 128. Jindi Shares Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 129. Jindi Shares Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 130. Jindi Shares Main Business

Table 131. Jindi Shares Latest Developments

Table 132. Geely (Zeekr) Basic Information, Carbon Fiber Motor Rotors Manufacturing Base, Sales Area and Its Competitors

Table 133. Geely (Zeekr) Carbon Fiber Motor Rotors Product Portfolios and Specifications

Table 134. Geely (Zeekr) Carbon Fiber Motor Rotors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 135. Geely (Zeekr) Main Business

Table 136. Geely (Zeekr) Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Carbon Fiber Motor Rotors
- Figure 2. Carbon Fiber Motor Rotors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Carbon Fiber Motor Rotors Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Carbon Fiber Motor Rotors Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Carbon Fiber Motor Rotors Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Carbon Fiber Motor Rotors Sales Market Share by Country/Region (2025)
- Figure 10. Carbon Fiber Motor Rotors Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Filament-Wound Rotor
- Figure 12. Product Picture of Molded Rotor
- Figure 13. Global Carbon Fiber Motor Rotors Sales Market Share by Type in 2026
- Figure 14. Global Carbon Fiber Motor Rotors Revenue Market Share by Type (2021-2026)
- Figure 15. Product Picture of Surface-Mount
- Figure 16. Product Picture of Built-In
- Figure 17. Global Carbon Fiber Motor Rotors Sales Market Share by Structure in 2026
- Figure 18. Global Carbon Fiber Motor Rotors Revenue Market Share by Structure (2021-2026)
- Figure 19. Product Picture of ?20,000 rpm
- Figure 20. Product Picture of 20,000–60,000 rpm
- Figure 21. Product Picture of ?60,000 rpm
- Figure 22. Global Carbon Fiber Motor Rotors Sales Market Share by Maximum Rotational Speed in 2026
- Figure 23. Global Carbon Fiber Motor Rotors Revenue Market Share by Maximum Rotational Speed (2021-2026)
- Figure 24. Carbon Fiber Motor Rotors Consumed in New Energy Vehicles
- Figure 25. Global Carbon Fiber Motor Rotors Market: New Energy Vehicles (2021-2026) & (K Units)
- Figure 26. Carbon Fiber Motor Rotors Consumed in Aerospace
- Figure 27. Global Carbon Fiber Motor Rotors Market: Aerospace (2021-2026) & (K

Units)

Figure 28. Carbon Fiber Motor Rotors Consumed in Industrial Machine Tools

Figure 29. Global Carbon Fiber Motor Rotors Market: Industrial Machine Tools (2021-2026) & (K Units)

Figure 30. Carbon Fiber Motor Rotors Consumed in Others

Figure 31. Global Carbon Fiber Motor Rotors Market: Others (2021-2026) & (K Units)

Figure 32. Global Carbon Fiber Motor Rotors Sale Market Share by Application (2025)

Figure 33. Global Carbon Fiber Motor Rotors Revenue Market Share by Application in 2025

Figure 34. Carbon Fiber Motor Rotors Sales by Company in 2025 (K Units)

Figure 35. Global Carbon Fiber Motor Rotors Sales Market Share by Company in 2025

Figure 36. Carbon Fiber Motor Rotors Revenue by Company in 2025 (\$ millions)

Figure 37. Global Carbon Fiber Motor Rotors Revenue Market Share by Company in 2025

Figure 38. Global Carbon Fiber Motor Rotors Sales Market Share by Geographic Region (2021-2026)

Figure 39. Global Carbon Fiber Motor Rotors Revenue Market Share by Geographic Region in 2025

Figure 40. Americas Carbon Fiber Motor Rotors Sales 2021-2026 (K Units)

Figure 41. Americas Carbon Fiber Motor Rotors Revenue 2021-2026 (\$ millions)

Figure 42. APAC Carbon Fiber Motor Rotors Sales 2021-2026 (K Units)

Figure 43. APAC Carbon Fiber Motor Rotors Revenue 2021-2026 (\$ millions)

Figure 44. Europe Carbon Fiber Motor Rotors Sales 2021-2026 (K Units)

Figure 45. Europe Carbon Fiber Motor Rotors Revenue 2021-2026 (\$ millions)

Figure 46. Middle East & Africa Carbon Fiber Motor Rotors Sales 2021-2026 (K Units)

Figure 47. Middle East & Africa Carbon Fiber Motor Rotors Revenue 2021-2026 (\$ millions)

Figure 48. Americas Carbon Fiber Motor Rotors Sales Market Share by Country in 2025

Figure 49. Americas Carbon Fiber Motor Rotors Revenue Market Share by Country (2021-2026)

Figure 50. Americas Carbon Fiber Motor Rotors Sales Market Share by Type (2021-2026)

Figure 51. Americas Carbon Fiber Motor Rotors Sales Market Share by Application (2021-2026)

Figure 52. United States Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 53. Canada Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 54. Mexico Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 55. Brazil Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 56. APAC Carbon Fiber Motor Rotors Sales Market Share by Region in 2025

Figure 57. APAC Carbon Fiber Motor Rotors Revenue Market Share by Region (2021-2026)

Figure 58. APAC Carbon Fiber Motor Rotors Sales Market Share by Type (2021-2026)

Figure 59. APAC Carbon Fiber Motor Rotors Sales Market Share by Application (2021-2026)

Figure 60. China Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 61. Japan Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 62. South Korea Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 63. Southeast Asia Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 64. India Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 65. Australia Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 66. China Taiwan Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 67. Europe Carbon Fiber Motor Rotors Sales Market Share by Country in 2025

Figure 68. Europe Carbon Fiber Motor Rotors Revenue Market Share by Country (2021-2026)

Figure 69. Europe Carbon Fiber Motor Rotors Sales Market Share by Type (2021-2026)

Figure 70. Europe Carbon Fiber Motor Rotors Sales Market Share by Application (2021-2026)

Figure 71. Germany Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 72. France Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 73. UK Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 74. Italy Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 75. Russia Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 76. Middle East & Africa Carbon Fiber Motor Rotors Sales Market Share by Country (2021-2026)

Figure 77. Middle East & Africa Carbon Fiber Motor Rotors Sales Market Share by Type (2021-2026)

Figure 78. Middle East & Africa Carbon Fiber Motor Rotors Sales Market Share by Application (2021-2026)

Figure 79. Egypt Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 80. South Africa Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 81. Israel Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 82. Turkey Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 83. GCC Countries Carbon Fiber Motor Rotors Revenue Growth 2021-2026 (\$ millions)

Figure 84. Manufacturing Cost Structure Analysis of Carbon Fiber Motor Rotors in 2026

Figure 85. Manufacturing Process Analysis of Carbon Fiber Motor Rotors

Figure 86. Industry Chain Structure of Carbon Fiber Motor Rotors

Figure 87. Channels of Distribution

Figure 88. Global Carbon Fiber Motor Rotors Sales Market Forecast by Region (2027-2032)

Figure 89. Global Carbon Fiber Motor Rotors Revenue Market Share Forecast by Region (2027-2032)

Figure 90. Global Carbon Fiber Motor Rotors Sales Market Share Forecast by Type (2027-2032)

Figure 91. Global Carbon Fiber Motor Rotors Revenue Market Share Forecast by Type (2027-2032)

Figure 92. Global Carbon Fiber Motor Rotors Sales Market Share Forecast by Application (2027-2032)

Figure 93. Global Carbon Fiber Motor Rotors Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Carbon Fiber Motor Rotors Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G4D3176C0369EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4D3176C0369EN.html>