

Global Rare Earth Free Electric Motor Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GDDA276DC642EN.html>

Date: August 2026

Pages: 153

Price: US\$ 4,480.00 (Single User License)

ID: GDDA276DC642EN

Abstracts

The global Rare Earth Free Electric Motor market size is expected to reach \$ 1736 million by 2032, rising at a market growth of 4.0% CAGR during the forecast period (2026-2032).

A 'Rare Earth Free Electric Motor' refers to an electric motor design that does not use rare earth elements in its construction. Rare earth elements, such as neodymium and dysprosium, are commonly used in the magnets of many electric motors due to their strong magnetic properties. However, rare earth elements are expensive to mine and can have significant environmental impacts.

In 2025, global Rare Earth Free Electric Motor production reached approximately 1,684 K units, with an average global market price of around US\$ 760 per unit.

The Rare Earth Free Electric Motor Market is witnessing a notable shift driven by increasing environmental concerns and the need for sustainable technologies. Major sales regions such as North America, Europe, and Asia-Pacific are experiencing a surge in demand for these motors owing to stringent regulations and incentives promoting clean energy adoption. Market concentration is gradually diversifying as manufacturers focus on developing rare earth-free alternatives, reducing dependence on China's dominant supply chain. This shift presents significant market opportunities for companies investing in research and development of innovative motor designs and materials. However, challenges persist, including higher production costs, technological limitations, and the need for widespread adoption. Overcoming these hurdles requires collaborative efforts between industry stakeholders and policymakers to foster innovation and accelerate the transition towards greener mobility solutions.

The upstream of the rare earth free electric motor supply chain primarily covers raw material suppliers and core component manufacturers, providing electrical steel laminations, copper windings, aluminum structural parts, ferrite magnets for auxiliary topologies, bearings, power semiconductors, and motor controllers, along with supporting stamping, winding, and precision machining equipment. The midstream is the core manufacturing and system integration link, where manufacturers complete rotor and stator fabrication, winding assembly, motor calibration, controller matching, and full performance testing, producing motors of different technical routes including switched reluctance, synchronous reluctance, induction, and electrically excited synchronous types. The downstream connects to end markets through automotive Tier 1 suppliers, industrial distributors, and EPC contractors, serving end scenarios such as electric vehicles, industrial automation equipment, household appliances, wind power generation, and aerospace systems, with installation, commissioning and after-sales maintenance services running through the entire product lifecycle.

The cost structure of rare earth free electric motors is dominated by direct material costs, which account for 60% to 70% of the total manufacturing cost, with core expenditures on electrical steel, copper windings, structural components and power electronics; since expensive rare earth permanent magnets are eliminated, the overall material cost is 15% to 30% lower than that of conventional rare earth permanent magnet synchronous motors. Manufacturing and processing costs account for roughly 20% to 25%, covering labor input, equipment depreciation, energy consumption and quality inspection throughout stamping, winding, assembly and testing, and this portion rises for complex topologies such as electrically excited synchronous motors due to higher structural precision requirements. The remaining costs come from R&D amortization of magnetic circuit design and sensorless control algorithms, product certification, logistics and transportation, and after-sales service reserves; customized high-power products have significantly higher indirect costs than standardized mass-produced models.

This report studies the global Rare Earth Free Electric Motor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Rare Earth Free Electric Motor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Rare Earth Free Electric Motor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Rare Earth Free Electric Motor total production and demand, 2021-2032, (K Units)

Global Rare Earth Free Electric Motor total production value, 2021-2032, (USD Million)

Global Rare Earth Free Electric Motor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Rare Earth Free Electric Motor consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Rare Earth Free Electric Motor domestic production, consumption, key domestic manufacturers and share

Global Rare Earth Free Electric Motor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Rare Earth Free Electric Motor production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Rare Earth Free Electric Motor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Rare Earth Free Electric Motor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ZF Friedrichshafen AG, Valeo, Baldor, Chara Technologies, ABB, Mahle, Ricardo, Advanced Electric Machines, Schaeffler, Enedym, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Rare Earth Free Electric Motor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Rare Earth Free Electric Motor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Rare Earth Free Electric Motor Market, Segmentation by Type:

Permanent Magnet Synchronous Motor (PMSM)

Switched Reluctance Motor (SRM)

Global Rare Earth Free Electric Motor Market, Segmentation by Cooling Method:

Air-Cooled Motor

Water-Cooled Motor

Other

Global Rare Earth Free Electric Motor Market, Segmentation by Power Output:

Low Power: 200 kW

Global Rare Earth Free Electric Motor Market, Segmentation by Application:

Automotive Sector

Industrial Automation

Renewable Energy

Aerospace and Defense

Others

Companies Profiled:

ZF Friedrichshafen AG

Valeo

Baldor

Chara Technologies

ABB

Mahle

Ricardo

Advanced Electric Machines

Schaeffler

Enedym

Wolong Electric

Gree Kaibang

Shandong Kehui Power Automation

Nidec Corporation

Mitsubishi Electric Corporation

Toshiba

Key Questions Answered:

1. How big is the global Rare Earth Free Electric Motor market?
2. What is the demand of the global Rare Earth Free Electric Motor market?
3. What is the year over year growth of the global Rare Earth Free Electric Motor market?
4. What is the production and production value of the global Rare Earth Free Electric Motor market?
5. Who are the key producers in the global Rare Earth Free Electric Motor market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Rare Earth Free Electric Motor Introduction
- 1.2 World Rare Earth Free Electric Motor Supply & Forecast
 - 1.2.1 World Rare Earth Free Electric Motor Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Rare Earth Free Electric Motor Production (2021-2032)
 - 1.2.3 World Rare Earth Free Electric Motor Pricing Trends (2021-2032)
- 1.3 World Rare Earth Free Electric Motor Production by Region (Based on Production Site)
 - 1.3.1 World Rare Earth Free Electric Motor Production Value by Region (2021-2032)
 - 1.3.2 World Rare Earth Free Electric Motor Production by Region (2021-2032)
 - 1.3.3 World Rare Earth Free Electric Motor Average Price by Region (2021-2032)
 - 1.3.4 North America Rare Earth Free Electric Motor Production (2021-2032)
 - 1.3.5 Europe Rare Earth Free Electric Motor Production (2021-2032)
 - 1.3.6 China Rare Earth Free Electric Motor Production (2021-2032)
 - 1.3.7 Japan Rare Earth Free Electric Motor Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Rare Earth Free Electric Motor Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Rare Earth Free Electric Motor Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Rare Earth Free Electric Motor Demand (2021-2032)
- 2.2 World Rare Earth Free Electric Motor Consumption by Region
 - 2.2.1 World Rare Earth Free Electric Motor Consumption by Region (2021-2026)
 - 2.2.2 World Rare Earth Free Electric Motor Consumption Forecast by Region (2027-2032)
- 2.3 United States Rare Earth Free Electric Motor Consumption (2021-2032)
- 2.4 China Rare Earth Free Electric Motor Consumption (2021-2032)
- 2.5 Europe Rare Earth Free Electric Motor Consumption (2021-2032)
- 2.6 Japan Rare Earth Free Electric Motor Consumption (2021-2032)
- 2.7 South Korea Rare Earth Free Electric Motor Consumption (2021-2032)
- 2.8 ASEAN Rare Earth Free Electric Motor Consumption (2021-2032)
- 2.9 India Rare Earth Free Electric Motor Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Rare Earth Free Electric Motor Production Value by Manufacturer (2021-2026)
- 3.2 World Rare Earth Free Electric Motor Production by Manufacturer (2021-2026)
- 3.3 World Rare Earth Free Electric Motor Average Price by Manufacturer (2021-2026)
- 3.4 Rare Earth Free Electric Motor Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Rare Earth Free Electric Motor Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Rare Earth Free Electric Motor in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Rare Earth Free Electric Motor in 2025
- 3.6 Rare Earth Free Electric Motor Market: Overall Company Footprint Analysis
 - 3.6.1 Rare Earth Free Electric Motor Market: Region Footprint
 - 3.6.2 Rare Earth Free Electric Motor Market: Company Product Type Footprint
 - 3.6.3 Rare Earth Free Electric Motor Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Rare Earth Free Electric Motor Production Value Comparison
 - 4.1.1 United States VS China: Rare Earth Free Electric Motor Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Rare Earth Free Electric Motor Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Rare Earth Free Electric Motor Production Comparison
 - 4.2.1 United States VS China: Rare Earth Free Electric Motor Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Rare Earth Free Electric Motor Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Rare Earth Free Electric Motor Consumption Comparison
 - 4.3.1 United States VS China: Rare Earth Free Electric Motor Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Rare Earth Free Electric Motor Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Rare Earth Free Electric Motor Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Rare Earth Free Electric Motor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Rare Earth Free Electric Motor Production Value (2021-2026)

4.4.3 United States Based Manufacturers Rare Earth Free Electric Motor Production (2021-2026)

4.5 China Based Rare Earth Free Electric Motor Manufacturers and Market Share

4.5.1 China Based Rare Earth Free Electric Motor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Rare Earth Free Electric Motor Production Value (2021-2026)

4.5.3 China Based Manufacturers Rare Earth Free Electric Motor Production (2021-2026)

4.6 Rest of World Based Rare Earth Free Electric Motor Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Rare Earth Free Electric Motor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Rare Earth Free Electric Motor Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Rare Earth Free Electric Motor Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Rare Earth Free Electric Motor Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Permanent Magnet Synchronous Motor (PMSM)

5.2.2 Switched Reluctance Motor (SRM)

5.3 Market Segment by Type

5.3.1 World Rare Earth Free Electric Motor Production by Type (2021-2032)

5.3.2 World Rare Earth Free Electric Motor Production Value by Type (2021-2032)

5.3.3 World Rare Earth Free Electric Motor Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY COOLING METHOD

6.1 World Rare Earth Free Electric Motor Market Size Overview by Cooling Method:

2021 VS 2025 VS 2032

6.2 Segment Introduction by Cooling Method

6.2.1 Air-Cooled Motor

6.2.2 Water-Cooled Motor

6.2.3 Other

6.3 Market Segment by Cooling Method

6.3.1 World Rare Earth Free Electric Motor Production by Cooling Method (2021-2032)

6.3.2 World Rare Earth Free Electric Motor Production Value by Cooling Method
(2021-2032)

6.3.3 World Rare Earth Free Electric Motor Average Price by Cooling Method
(2021-2032)

7 MARKET ANALYSIS BY POWER OUTPUT

7.1 World Rare Earth Free Electric Motor Market Size Overview by Power Output: 2021
VS 2025 VS 2032

7.2 Segment Introduction by Power Output

7.2.1 Low Power: 200 kW

7.3 Market Segment by Power Output

7.3.1 World Rare Earth Free Electric Motor Production by Power Output (2021-2032)

7.3.2 World Rare Earth Free Electric Motor Production Value by Power Output
(2021-2032)

7.3.3 World Rare Earth Free Electric Motor Average Price by Power Output
(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Rare Earth Free Electric Motor Market Size Overview by Application: 2021
VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Automotive Sector

8.2.2 Industrial Automation

8.2.3 Renewable Energy

8.2.4 Aerospace and Defense

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World Rare Earth Free Electric Motor Production by Application (2021-2032)

8.3.2 World Rare Earth Free Electric Motor Production Value by Application
(2021-2032)

8.3.3 World Rare Earth Free Electric Motor Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 ZF Friedrichshafen AG

9.1.1 ZF Friedrichshafen AG Details

9.1.2 ZF Friedrichshafen AG Major Business

9.1.3 ZF Friedrichshafen AG Rare Earth Free Electric Motor Product and Services

9.1.4 ZF Friedrichshafen AG Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 ZF Friedrichshafen AG Recent Developments/Updates

9.1.6 ZF Friedrichshafen AG Competitive Strengths & Weaknesses

9.2 Valeo

9.2.1 Valeo Details

9.2.2 Valeo Major Business

9.2.3 Valeo Rare Earth Free Electric Motor Product and Services

9.2.4 Valeo Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Valeo Recent Developments/Updates

9.2.6 Valeo Competitive Strengths & Weaknesses

9.3 Baldor

9.3.1 Baldor Details

9.3.2 Baldor Major Business

9.3.3 Baldor Rare Earth Free Electric Motor Product and Services

9.3.4 Baldor Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Baldor Recent Developments/Updates

9.3.6 Baldor Competitive Strengths & Weaknesses

9.4 Chara Technologies

9.4.1 Chara Technologies Details

9.4.2 Chara Technologies Major Business

9.4.3 Chara Technologies Rare Earth Free Electric Motor Product and Services

9.4.4 Chara Technologies Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Chara Technologies Recent Developments/Updates

9.4.6 Chara Technologies Competitive Strengths & Weaknesses

9.5 ABB

9.5.1 ABB Details

9.5.2 ABB Major Business

- 9.5.3 ABB Rare Earth Free Electric Motor Product and Services
- 9.5.4 ABB Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.5.5 ABB Recent Developments/Updates
- 9.5.6 ABB Competitive Strengths & Weaknesses
- 9.6 Mahle
 - 9.6.1 Mahle Details
 - 9.6.2 Mahle Major Business
 - 9.6.3 Mahle Rare Earth Free Electric Motor Product and Services
 - 9.6.4 Mahle Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Mahle Recent Developments/Updates
 - 9.6.6 Mahle Competitive Strengths & Weaknesses
- 9.7 Ricardo
 - 9.7.1 Ricardo Details
 - 9.7.2 Ricardo Major Business
 - 9.7.3 Ricardo Rare Earth Free Electric Motor Product and Services
 - 9.7.4 Ricardo Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Ricardo Recent Developments/Updates
 - 9.7.6 Ricardo Competitive Strengths & Weaknesses
- 9.8 Advanced Electric Machines
 - 9.8.1 Advanced Electric Machines Details
 - 9.8.2 Advanced Electric Machines Major Business
 - 9.8.3 Advanced Electric Machines Rare Earth Free Electric Motor Product and Services
 - 9.8.4 Advanced Electric Machines Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Advanced Electric Machines Recent Developments/Updates
 - 9.8.6 Advanced Electric Machines Competitive Strengths & Weaknesses
- 9.9 Schaeffler
 - 9.9.1 Schaeffler Details
 - 9.9.2 Schaeffler Major Business
 - 9.9.3 Schaeffler Rare Earth Free Electric Motor Product and Services
 - 9.9.4 Schaeffler Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Schaeffler Recent Developments/Updates
 - 9.9.6 Schaeffler Competitive Strengths & Weaknesses
- 9.10 Enedym

- 9.10.1 Enedym Details
- 9.10.2 Enedym Major Business
- 9.10.3 Enedym Rare Earth Free Electric Motor Product and Services
- 9.10.4 Enedym Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 Enedym Recent Developments/Updates
- 9.10.6 Enedym Competitive Strengths & Weaknesses
- 9.11 Wolong Electric
 - 9.11.1 Wolong Electric Details
 - 9.11.2 Wolong Electric Major Business
 - 9.11.3 Wolong Electric Rare Earth Free Electric Motor Product and Services
 - 9.11.4 Wolong Electric Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Wolong Electric Recent Developments/Updates
 - 9.11.6 Wolong Electric Competitive Strengths & Weaknesses
- 9.12 Gree Kaibang
 - 9.12.1 Gree Kaibang Details
 - 9.12.2 Gree Kaibang Major Business
 - 9.12.3 Gree Kaibang Rare Earth Free Electric Motor Product and Services
 - 9.12.4 Gree Kaibang Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Gree Kaibang Recent Developments/Updates
 - 9.12.6 Gree Kaibang Competitive Strengths & Weaknesses
- 9.13 Shandong Kehui Power Automation
 - 9.13.1 Shandong Kehui Power Automation Details
 - 9.13.2 Shandong Kehui Power Automation Major Business
 - 9.13.3 Shandong Kehui Power Automation Rare Earth Free Electric Motor Product and Services
 - 9.13.4 Shandong Kehui Power Automation Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Shandong Kehui Power Automation Recent Developments/Updates
 - 9.13.6 Shandong Kehui Power Automation Competitive Strengths & Weaknesses
- 9.14 Nidec Corporation
 - 9.14.1 Nidec Corporation Details
 - 9.14.2 Nidec Corporation Major Business
 - 9.14.3 Nidec Corporation Rare Earth Free Electric Motor Product and Services
 - 9.14.4 Nidec Corporation Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Nidec Corporation Recent Developments/Updates

9.14.6 Nidec Corporation Competitive Strengths & Weaknesses

9.15 Mitsubishi Electric Corporation

9.15.1 Mitsubishi Electric Corporation Details

9.15.2 Mitsubishi Electric Corporation Major Business

9.15.3 Mitsubishi Electric Corporation Rare Earth Free Electric Motor Product and Services

9.15.4 Mitsubishi Electric Corporation Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Mitsubishi Electric Corporation Recent Developments/Updates

9.15.6 Mitsubishi Electric Corporation Competitive Strengths & Weaknesses

9.16 Toshiba

9.16.1 Toshiba Details

9.16.2 Toshiba Major Business

9.16.3 Toshiba Rare Earth Free Electric Motor Product and Services

9.16.4 Toshiba Rare Earth Free Electric Motor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Toshiba Recent Developments/Updates

9.16.6 Toshiba Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Rare Earth Free Electric Motor Industry Chain

10.2 Rare Earth Free Electric Motor Upstream Analysis

10.2.1 Rare Earth Free Electric Motor Core Raw Materials

10.2.2 Main Manufacturers of Rare Earth Free Electric Motor Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Rare Earth Free Electric Motor Production Mode

10.6 Rare Earth Free Electric Motor Procurement Model

10.7 Rare Earth Free Electric Motor Industry Sales Model and Sales Channels

10.7.1 Rare Earth Free Electric Motor Sales Model

10.7.2 Rare Earth Free Electric Motor Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Rare Earth Free Electric Motor Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Rare Earth Free Electric Motor Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Rare Earth Free Electric Motor Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Rare Earth Free Electric Motor Production Value Market Share by Region (2021-2026)
- Table 5. World Rare Earth Free Electric Motor Production Value Market Share by Region (2027-2032)
- Table 6. World Rare Earth Free Electric Motor Production by Region (2021-2026) & (K Units)
- Table 7. World Rare Earth Free Electric Motor Production by Region (2027-2032) & (K Units)
- Table 8. World Rare Earth Free Electric Motor Production Market Share by Region (2021-2026)
- Table 9. World Rare Earth Free Electric Motor Production Market Share by Region (2027-2032)
- Table 10. World Rare Earth Free Electric Motor Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World Rare Earth Free Electric Motor Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. Rare Earth Free Electric Motor Major Market Trends
- Table 13. World Rare Earth Free Electric Motor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Rare Earth Free Electric Motor Consumption by Region (2021-2026) & (K Units)
- Table 15. World Rare Earth Free Electric Motor Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Rare Earth Free Electric Motor Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Rare Earth Free Electric Motor Producers in 2025
- Table 18. World Rare Earth Free Electric Motor Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Rare Earth Free Electric Motor Producers in 2025

Table 20. World Rare Earth Free Electric Motor Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Rare Earth Free Electric Motor Company Evaluation Quadrant

Table 22. World Rare Earth Free Electric Motor Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Rare Earth Free Electric Motor Production Site of Key Manufacturer

Table 24. Rare Earth Free Electric Motor Market: Company Product Type Footprint

Table 25. Rare Earth Free Electric Motor Market: Company Product Application Footprint

Table 26. Rare Earth Free Electric Motor Competitive Factors

Table 27. Rare Earth Free Electric Motor New Entrant and Capacity Expansion Plans

Table 28. Rare Earth Free Electric Motor Mergers & Acquisitions Activity

Table 29. United States VS China Rare Earth Free Electric Motor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Rare Earth Free Electric Motor Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Rare Earth Free Electric Motor Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Rare Earth Free Electric Motor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Rare Earth Free Electric Motor Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Rare Earth Free Electric Motor Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Rare Earth Free Electric Motor Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Rare Earth Free Electric Motor Production Market Share (2021-2026)

Table 37. China Based Rare Earth Free Electric Motor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Rare Earth Free Electric Motor Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Rare Earth Free Electric Motor Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Rare Earth Free Electric Motor Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Rare Earth Free Electric Motor Production Market Share (2021-2026)

Table 42. Rest of World Based Rare Earth Free Electric Motor Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Rare Earth Free Electric Motor Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Rare Earth Free Electric Motor Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Rare Earth Free Electric Motor Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Rare Earth Free Electric Motor Production Market Share (2021-2026)

Table 47. World Rare Earth Free Electric Motor Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Rare Earth Free Electric Motor Production by Type (2021-2026) & (K Units)

Table 49. World Rare Earth Free Electric Motor Production by Type (2027-2032) & (K Units)

Table 50. World Rare Earth Free Electric Motor Production Value by Type (2021-2026) & (USD Million)

Table 51. World Rare Earth Free Electric Motor Production Value by Type (2027-2032) & (USD Million)

Table 52. World Rare Earth Free Electric Motor Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Rare Earth Free Electric Motor Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Rare Earth Free Electric Motor Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Table 55. World Rare Earth Free Electric Motor Production by Cooling Method (2021-2026) & (K Units)

Table 56. World Rare Earth Free Electric Motor Production by Cooling Method (2027-2032) & (K Units)

Table 57. World Rare Earth Free Electric Motor Production Value by Cooling Method (2021-2026) & (USD Million)

Table 58. World Rare Earth Free Electric Motor Production Value by Cooling Method (2027-2032) & (USD Million)

Table 59. World Rare Earth Free Electric Motor Average Price by Cooling Method (2021-2026) & (US\$/Unit)

Table 60. World Rare Earth Free Electric Motor Average Price by Cooling Method

(2027-2032) & (US\$/Unit)

Table 61. World Rare Earth Free Electric Motor Production Value by Power Output, (USD Million), 2021 & 2025 & 2032

Table 62. World Rare Earth Free Electric Motor Production by Power Output (2021-2026) & (K Units)

Table 63. World Rare Earth Free Electric Motor Production by Power Output (2027-2032) & (K Units)

Table 64. World Rare Earth Free Electric Motor Production Value by Power Output (2021-2026) & (USD Million)

Table 65. World Rare Earth Free Electric Motor Production Value by Power Output (2027-2032) & (USD Million)

Table 66. World Rare Earth Free Electric Motor Average Price by Power Output (2021-2026) & (US\$/Unit)

Table 67. World Rare Earth Free Electric Motor Average Price by Power Output (2027-2032) & (US\$/Unit)

Table 68. World Rare Earth Free Electric Motor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Rare Earth Free Electric Motor Production by Application (2021-2026) & (K Units)

Table 70. World Rare Earth Free Electric Motor Production by Application (2027-2032) & (K Units)

Table 71. World Rare Earth Free Electric Motor Production Value by Application (2021-2026) & (USD Million)

Table 72. World Rare Earth Free Electric Motor Production Value by Application (2027-2032) & (USD Million)

Table 73. World Rare Earth Free Electric Motor Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Rare Earth Free Electric Motor Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. ZF Friedrichshafen AG Basic Information, Manufacturing Base and Competitors

Table 76. ZF Friedrichshafen AG Major Business

Table 77. ZF Friedrichshafen AG Rare Earth Free Electric Motor Product and Services

Table 78. ZF Friedrichshafen AG Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. ZF Friedrichshafen AG Recent Developments/Updates

Table 80. ZF Friedrichshafen AG Competitive Strengths & Weaknesses

Table 81. Valeo Basic Information, Manufacturing Base and Competitors

Table 82. Valeo Major Business
Table 83. Valeo Rare Earth Free Electric Motor Product and Services
Table 84. Valeo Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Valeo Recent Developments/Updates
Table 86. Valeo Competitive Strengths & Weaknesses
Table 87. Baldor Basic Information, Manufacturing Base and Competitors
Table 88. Baldor Major Business
Table 89. Baldor Rare Earth Free Electric Motor Product and Services
Table 90. Baldor Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Baldor Recent Developments/Updates
Table 92. Baldor Competitive Strengths & Weaknesses
Table 93. Chara Technologies Basic Information, Manufacturing Base and Competitors
Table 94. Chara Technologies Major Business
Table 95. Chara Technologies Rare Earth Free Electric Motor Product and Services
Table 96. Chara Technologies Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Chara Technologies Recent Developments/Updates
Table 98. Chara Technologies Competitive Strengths & Weaknesses
Table 99. ABB Basic Information, Manufacturing Base and Competitors
Table 100. ABB Major Business
Table 101. ABB Rare Earth Free Electric Motor Product and Services
Table 102. ABB Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. ABB Recent Developments/Updates
Table 104. ABB Competitive Strengths & Weaknesses
Table 105. Mahle Basic Information, Manufacturing Base and Competitors
Table 106. Mahle Major Business
Table 107. Mahle Rare Earth Free Electric Motor Product and Services
Table 108. Mahle Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Mahle Recent Developments/Updates
Table 110. Mahle Competitive Strengths & Weaknesses
Table 111. Ricardo Basic Information, Manufacturing Base and Competitors
Table 112. Ricardo Major Business
Table 113. Ricardo Rare Earth Free Electric Motor Product and Services
Table 114. Ricardo Rare Earth Free Electric Motor Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 115. Ricardo Recent Developments/Updates

Table 116. Ricardo Competitive Strengths & Weaknesses

Table 117. Advanced Electric Machines Basic Information, Manufacturing Base and Competitors

Table 118. Advanced Electric Machines Major Business

Table 119. Advanced Electric Machines Rare Earth Free Electric Motor Product and Services

Table 120. Advanced Electric Machines Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Advanced Electric Machines Recent Developments/Updates

Table 122. Advanced Electric Machines Competitive Strengths & Weaknesses

Table 123. Schaeffler Basic Information, Manufacturing Base and Competitors

Table 124. Schaeffler Major Business

Table 125. Schaeffler Rare Earth Free Electric Motor Product and Services

Table 126. Schaeffler Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Schaeffler Recent Developments/Updates

Table 128. Schaeffler Competitive Strengths & Weaknesses

Table 129. Enedym Basic Information, Manufacturing Base and Competitors

Table 130. Enedym Major Business

Table 131. Enedym Rare Earth Free Electric Motor Product and Services

Table 132. Enedym Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Enedym Recent Developments/Updates

Table 134. Enedym Competitive Strengths & Weaknesses

Table 135. Wolong Electric Basic Information, Manufacturing Base and Competitors

Table 136. Wolong Electric Major Business

Table 137. Wolong Electric Rare Earth Free Electric Motor Product and Services

Table 138. Wolong Electric Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Wolong Electric Recent Developments/Updates

Table 140. Wolong Electric Competitive Strengths & Weaknesses

Table 141. Gree Kaibang Basic Information, Manufacturing Base and Competitors

Table 142. Gree Kaibang Major Business

Table 143. Gree Kaibang Rare Earth Free Electric Motor Product and Services

Table 144. Gree Kaibang Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Gree Kaibang Recent Developments/Updates

Table 146. Gree Kaibang Competitive Strengths & Weaknesses

Table 147. Shandong Kehui Power Automation Basic Information, Manufacturing Base and Competitors

Table 148. Shandong Kehui Power Automation Major Business

Table 149. Shandong Kehui Power Automation Rare Earth Free Electric Motor Product and Services

Table 150. Shandong Kehui Power Automation Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Shandong Kehui Power Automation Recent Developments/Updates

Table 152. Shandong Kehui Power Automation Competitive Strengths & Weaknesses

Table 153. Nidec Corporation Basic Information, Manufacturing Base and Competitors

Table 154. Nidec Corporation Major Business

Table 155. Nidec Corporation Rare Earth Free Electric Motor Product and Services

Table 156. Nidec Corporation Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Nidec Corporation Recent Developments/Updates

Table 158. Nidec Corporation Competitive Strengths & Weaknesses

Table 159. Mitsubishi Electric Corporation Basic Information, Manufacturing Base and Competitors

Table 160. Mitsubishi Electric Corporation Major Business

Table 161. Mitsubishi Electric Corporation Rare Earth Free Electric Motor Product and Services

Table 162. Mitsubishi Electric Corporation Rare Earth Free Electric Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Mitsubishi Electric Corporation Recent Developments/Updates

Table 164. Mitsubishi Electric Corporation Competitive Strengths & Weaknesses

Table 165. Toshiba Basic Information, Manufacturing Base and Competitors

Table 166. Toshiba Major Business

Table 167. Toshiba Rare Earth Free Electric Motor Product and Services

Table 168. Toshiba Rare Earth Free Electric Motor Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 169. Toshiba Recent Developments/Updates

Table 170. Toshiba Competitive Strengths & Weaknesses

Table 171. Global Key Players of Rare Earth Free Electric Motor Upstream (Raw
Materials)

Table 172. Global Rare Earth Free Electric Motor Typical Customers

Table 173. Rare Earth Free Electric Motor Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Rare Earth Free Electric Motor Picture

Figure 2. World Rare Earth Free Electric Motor Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Rare Earth Free Electric Motor Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Rare Earth Free Electric Motor Production (2021-2032) & (K Units)

Figure 5. World Rare Earth Free Electric Motor Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Rare Earth Free Electric Motor Production Value Market Share by Region (2021-2032)

Figure 7. World Rare Earth Free Electric Motor Production Market Share by Region (2021-2032)

Figure 8. North America Rare Earth Free Electric Motor Production (2021-2032) & (K Units)

Figure 9. Europe Rare Earth Free Electric Motor Production (2021-2032) & (K Units)

Figure 10. China Rare Earth Free Electric Motor Production (2021-2032) & (K Units)

Figure 11. Japan Rare Earth Free Electric Motor Production (2021-2032) & (K Units)

Figure 12. Rare Earth Free Electric Motor Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 15. World Rare Earth Free Electric Motor Consumption Market Share by Region (2021-2032)

Figure 16. United States Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 17. China Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 18. Europe Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 19. Japan Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 20. South Korea Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 22. India Rare Earth Free Electric Motor Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Rare Earth Free Electric Motor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Rare Earth Free Electric Motor Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Rare Earth Free Electric Motor Markets in 2025

Figure 26. United States VS China: Rare Earth Free Electric Motor Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Rare Earth Free Electric Motor Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Rare Earth Free Electric Motor Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Rare Earth Free Electric Motor Production Market Share 2025

Figure 30. China Based Manufacturers Rare Earth Free Electric Motor Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Rare Earth Free Electric Motor Production Market Share 2025

Figure 32. World Rare Earth Free Electric Motor Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Rare Earth Free Electric Motor Production Value Market Share by Type in 2025

Figure 34. Permanent Magnet Synchronous Motor (PMSM)

Figure 35. Switched Reluctance Motor (SRM)

Figure 36. World Rare Earth Free Electric Motor Production Market Share by Type (2021-2032)

Figure 37. World Rare Earth Free Electric Motor Production Value Market Share by Type (2021-2032)

Figure 38. World Rare Earth Free Electric Motor Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World Rare Earth Free Electric Motor Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Figure 40. World Rare Earth Free Electric Motor Production Value Market Share by Cooling Method in 2025

Figure 41. Air-Cooled Motor

Figure 42. Water-Cooled Motor

Figure 43. Other

Figure 44. World Rare Earth Free Electric Motor Production Market Share by Cooling Method (2021-2032)

Figure 45. World Rare Earth Free Electric Motor Production Value Market Share by Cooling Method (2021-2032)

Figure 46. World Rare Earth Free Electric Motor Average Price by Cooling Method (2021-2032) & (US\$/Unit)

Figure 47. World Rare Earth Free Electric Motor Production Value by Power Output, (USD Million), 2021 & 2025 & 2032

Figure 48. World Rare Earth Free Electric Motor Production Value Market Share by Power Output in 2025

Figure 49. Low Power: 200 kW

Figure 52. World Rare Earth Free Electric Motor Production Market Share by Power Output (2021-2032)

Figure 53. World Rare Earth Free Electric Motor Production Value Market Share by Power Output (2021-2032)

Figure 54. World Rare Earth Free Electric Motor Average Price by Power Output (2021-2032) & (US\$/Unit)

Figure 55. World Rare Earth Free Electric Motor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World Rare Earth Free Electric Motor Production Value Market Share by Application in 2025

Figure 57. Automotive Sector

Figure 58. Industrial Automation

Figure 59. Renewable Energy

Figure 60. Aerospace and Defense

Figure 61. Others

Figure 62. World Rare Earth Free Electric Motor Production Market Share by Application (2021-2032)

Figure 63. World Rare Earth Free Electric Motor Production Value Market Share by Application (2021-2032)

Figure 64. World Rare Earth Free Electric Motor Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. Rare Earth Free Electric Motor Industry Chain

Figure 66. Rare Earth Free Electric Motor Procurement Model

Figure 67. Rare Earth Free Electric Motor Sales Model

Figure 68. Rare Earth Free Electric Motor Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global Rare Earth Free Electric Motor Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GDDA276DC642EN.html>

Price: US\$ 4,480.00 (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/GDDA276DC642EN.html>