

# Global Permanent Magnet Brushless DC Motor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G9CFEDEF71DEN.html>

Date: October 2025

Pages: 106

Price: US\$ 3,480.00 (Single User License)

ID: G9CFEDEF71DEN

## Abstracts

According to our (Global Info Research) latest study, the global Permanent Magnet Brushless DC Motor market size was valued at US\$ 4735 million in 2024 and is forecast to a readjusted size of USD 7579 million by 2031 with a CAGR of 7.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

A Permanent Magnet Brushless DC (BLDC) Motor is an electric motor that uses permanent magnets in the rotor and electronic commutation instead of mechanical brushes to control the current flow through the stator windings. Unlike traditional brushed motors, BLDC motors rely on an external controller to generate the correct sequence of currents, which interacts with the magnetic field of the permanent magnets to produce rotational motion. This design eliminates the need for physical brushes, reducing friction, wear, and electrical noise, while improving efficiency and lifespan. Permanent magnet BLDC motors are known for their high torque-to-weight ratio, precision, and reliability, making them ideal for applications such as electric vehicles, robotics, drones, medical devices, and industrial automation systems, where smooth and efficient performance is crucial.

The Permanent Magnet Brushless DC (BLDC) motor market is witnessing robust growth due to increasing demand across various industries, including automotive, consumer electronics, industrial automation, and aerospace. The primary drivers of this growth are the motor's efficiency, reliability, and high torque-to-weight ratio, which make it ideal for

applications where performance, precision, and energy savings are critical. Unlike traditional brushed motors, BLDC motors use electronic commutation, resulting in reduced maintenance needs, longer operational life, and quieter operation. These factors are driving adoption in both established and emerging markets.

One of the major growth areas is the automotive industry, particularly in the rise of electric vehicles (EVs). BLDC motors are widely used in EVs due to their high efficiency, which helps to extend driving range while reducing energy consumption. As the global push for sustainability and emissions reduction accelerates, automakers are increasingly focusing on electric propulsion, further boosting the demand for BLDC motors. In addition, BLDC motors are used in automotive components like power steering, air conditioning, and pumps, further contributing to market expansion in the automotive sector.

Another key market driver is industrial automation. With the ongoing shift toward smart factories and Industry 4.0, BLDC motors are playing a critical role in robotic systems, automated machinery, and motion control applications. Their precision and reliability are essential in applications requiring accurate positioning, speed control, and high endurance under continuous operation. The consumer electronics sector also relies heavily on BLDC motors for applications in products such as fans, compressors, and home appliances, where silent operation and energy efficiency are crucial selling points.

Looking at the future development trend, the market is expected to see significant advancements in motor control technology and material innovation. Improvements in electronic control units (ECUs) and the development of advanced sensor technologies are enhancing the performance of BLDC motors, allowing for more efficient control and integration into complex systems. Innovations in magnetic materials such as rare-earth magnets will continue to improve motor efficiency, reduce weight, and extend the lifespan of motors in demanding applications.

Additionally, the Asia-Pacific region, particularly countries like China, Japan, and South Korea, is emerging as a major market for BLDC motors due to its large manufacturing base and increasing investments in electric vehicles and industrial automation. North America and Europe are also significant markets, driven by technological advancements and the adoption of energy-efficient systems.

In conclusion, the permanent magnet BLDC motor market is poised for strong growth, driven by technological advancements, increased demand in automotive and industrial sectors, and the global push for energy-efficient solutions.

This report is a detailed and comprehensive analysis for global Permanent Magnet Brushless DC Motor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Permanent Magnet Brushless DC Motor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Permanent Magnet Brushless DC Motor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Permanent Magnet Brushless DC Motor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Permanent Magnet Brushless DC Motor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

#### The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Permanent Magnet Brushless DC Motor
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Permanent Magnet Brushless DC Motor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nidec, MinebeaMitsumi, Johnson Electric, Maxon, Portescap, Allied Motion, Panasonic, ebm-papst, Mitsuba, Welling, etc.

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

## Market Segmentation

Permanent Magnet Brushless DC Motor market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Inner Rotor Motor

Outer Rotor Motor

### Market segment by Application

Drones

Power Tools

Packaging Equipment

Electrical Appliances

Medical

Others

### Major players covered

Nidec

MinebeaMitsumi

Johnson Electric

Maxon

Portescap

Allied Motion

Panasonic

ebm-papst

Mitsuba

Welling

Wolong Electric

YPOWER

HengDrive

CHANGZHOU JKONGMOTOR

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Permanent Magnet Brushless DC Motor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Permanent Magnet Brushless DC Motor, with price, sales quantity, revenue, and global market share of Permanent Magnet Brushless DC Motor from 2020 to 2025.

Chapter 3, the Permanent Magnet Brushless DC Motor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Permanent Magnet Brushless DC Motor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Permanent Magnet Brushless DC Motor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Permanent Magnet Brushless DC Motor.

Chapter 14 and 15, to describe Permanent Magnet Brushless DC Motor sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Permanent Magnet Brushless DC Motor Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Inner Rotor Motor

1.3.3 Outer Rotor Motor

1.4 Market Analysis by Application

1.4.1 Overview: Global Permanent Magnet Brushless DC Motor Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Drones

1.4.3 Power Tools

1.4.4 Packaging Equipment

1.4.5 Electrical Appliances

1.4.6 Medical

1.4.7 Others

1.5 Global Permanent Magnet Brushless DC Motor Market Size & Forecast

1.5.1 Global Permanent Magnet Brushless DC Motor Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Permanent Magnet Brushless DC Motor Sales Quantity (2020-2031)

1.5.3 Global Permanent Magnet Brushless DC Motor Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Nidec

2.1.1 Nidec Details

2.1.2 Nidec Major Business

2.1.3 Nidec Permanent Magnet Brushless DC Motor Product and Services

2.1.4 Nidec Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Nidec Recent Developments/Updates

2.2 MinebeaMitsumi

2.2.1 MinebeaMitsumi Details

2.2.2 MinebeaMitsumi Major Business

2.2.3 MinebeaMitsumi Permanent Magnet Brushless DC Motor Product and Services

2.2.4 MinebeaMitsumi Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 MinebeaMitsumi Recent Developments/Updates

2.3 Johnson Electric

2.3.1 Johnson Electric Details

2.3.2 Johnson Electric Major Business

2.3.3 Johnson Electric Permanent Magnet Brushless DC Motor Product and Services

2.3.4 Johnson Electric Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Johnson Electric Recent Developments/Updates

2.4 Maxon

2.4.1 Maxon Details

2.4.2 Maxon Major Business

2.4.3 Maxon Permanent Magnet Brushless DC Motor Product and Services

2.4.4 Maxon Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Maxon Recent Developments/Updates

2.5 Portescap

2.5.1 Portescap Details

2.5.2 Portescap Major Business

2.5.3 Portescap Permanent Magnet Brushless DC Motor Product and Services

2.5.4 Portescap Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Portescap Recent Developments/Updates

2.6 Allied Motion

2.6.1 Allied Motion Details

2.6.2 Allied Motion Major Business

2.6.3 Allied Motion Permanent Magnet Brushless DC Motor Product and Services

2.6.4 Allied Motion Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Allied Motion Recent Developments/Updates

2.7 Panasonic

2.7.1 Panasonic Details

2.7.2 Panasonic Major Business

2.7.3 Panasonic Permanent Magnet Brushless DC Motor Product and Services

2.7.4 Panasonic Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Panasonic Recent Developments/Updates

2.8 ebm-papst

- 2.8.1 ebm-papst Details
- 2.8.2 ebm-papst Major Business
- 2.8.3 ebm-papst Permanent Magnet Brushless DC Motor Product and Services
- 2.8.4 ebm-papst Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 ebm-papst Recent Developments/Updates
- 2.9 Mitsuba
  - 2.9.1 Mitsuba Details
  - 2.9.2 Mitsuba Major Business
  - 2.9.3 Mitsuba Permanent Magnet Brushless DC Motor Product and Services
  - 2.9.4 Mitsuba Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Mitsuba Recent Developments/Updates
- 2.10 Welling
  - 2.10.1 Welling Details
  - 2.10.2 Welling Major Business
  - 2.10.3 Welling Permanent Magnet Brushless DC Motor Product and Services
  - 2.10.4 Welling Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 Welling Recent Developments/Updates
- 2.11 Wolong Electric
  - 2.11.1 Wolong Electric Details
  - 2.11.2 Wolong Electric Major Business
  - 2.11.3 Wolong Electric Permanent Magnet Brushless DC Motor Product and Services
  - 2.11.4 Wolong Electric Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.11.5 Wolong Electric Recent Developments/Updates
- 2.12 YPOWER
  - 2.12.1 YPOWER Details
  - 2.12.2 YPOWER Major Business
  - 2.12.3 YPOWER Permanent Magnet Brushless DC Motor Product and Services
  - 2.12.4 YPOWER Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.12.5 YPOWER Recent Developments/Updates
- 2.13 HengDrive
  - 2.13.1 HengDrive Details
  - 2.13.2 HengDrive Major Business
  - 2.13.3 HengDrive Permanent Magnet Brushless DC Motor Product and Services
  - 2.13.4 HengDrive Permanent Magnet Brushless DC Motor Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 HengDrive Recent Developments/Updates

2.14 CHANGZHOU JKONGMOTOR

2.14.1 CHANGZHOU JKONGMOTOR Details

2.14.2 CHANGZHOU JKONGMOTOR Major Business

2.14.3 CHANGZHOU JKONGMOTOR Permanent Magnet Brushless DC Motor

Product and Services

2.14.4 CHANGZHOU JKONGMOTOR Permanent Magnet Brushless DC Motor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 CHANGZHOU JKONGMOTOR Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: PERMANENT MAGNET BRUSHLESS DC MOTOR BY MANUFACTURER**

3.1 Global Permanent Magnet Brushless DC Motor Sales Quantity by Manufacturer (2020-2025)

3.2 Global Permanent Magnet Brushless DC Motor Revenue by Manufacturer (2020-2025)

3.3 Global Permanent Magnet Brushless DC Motor Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Permanent Magnet Brushless DC Motor by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Permanent Magnet Brushless DC Motor Manufacturer Market Share in 2024

3.4.3 Top 6 Permanent Magnet Brushless DC Motor Manufacturer Market Share in 2024

3.5 Permanent Magnet Brushless DC Motor Market: Overall Company Footprint Analysis

3.5.1 Permanent Magnet Brushless DC Motor Market: Region Footprint

3.5.2 Permanent Magnet Brushless DC Motor Market: Company Product Type Footprint

3.5.3 Permanent Magnet Brushless DC Motor Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Permanent Magnet Brushless DC Motor Market Size by Region
  - 4.1.1 Global Permanent Magnet Brushless DC Motor Sales Quantity by Region (2020-2031)
  - 4.1.2 Global Permanent Magnet Brushless DC Motor Consumption Value by Region (2020-2031)
  - 4.1.3 Global Permanent Magnet Brushless DC Motor Average Price by Region (2020-2031)
- 4.2 North America Permanent Magnet Brushless DC Motor Consumption Value (2020-2031)
- 4.3 Europe Permanent Magnet Brushless DC Motor Consumption Value (2020-2031)
- 4.4 Asia-Pacific Permanent Magnet Brushless DC Motor Consumption Value (2020-2031)
- 4.5 South America Permanent Magnet Brushless DC Motor Consumption Value (2020-2031)
- 4.6 Middle East & Africa Permanent Magnet Brushless DC Motor Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2031)
- 5.2 Global Permanent Magnet Brushless DC Motor Consumption Value by Type (2020-2031)
- 5.3 Global Permanent Magnet Brushless DC Motor Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2031)
- 6.2 Global Permanent Magnet Brushless DC Motor Consumption Value by Application (2020-2031)
- 6.3 Global Permanent Magnet Brushless DC Motor Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2031)
- 7.2 North America Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2031)

## 7.3 North America Permanent Magnet Brushless DC Motor Market Size by Country

7.3.1 North America Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2031)

7.3.2 North America Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

## 8 EUROPE

8.1 Europe Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2031)

8.2 Europe Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2031)

8.3 Europe Permanent Magnet Brushless DC Motor Market Size by Country

8.3.1 Europe Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2031)

8.3.2 Europe Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

## 9 ASIA-PACIFIC

9.1 Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Permanent Magnet Brushless DC Motor Market Size by Region

9.3.1 Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Permanent Magnet Brushless DC Motor Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

- 9.3.5 South Korea Market Size and Forecast (2020-2031)
- 9.3.6 India Market Size and Forecast (2020-2031)
- 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
- 9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

- 10.1 South America Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2031)
- 10.2 South America Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2031)
- 10.3 South America Permanent Magnet Brushless DC Motor Market Size by Country
  - 10.3.1 South America Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2031)
  - 10.3.2 South America Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Permanent Magnet Brushless DC Motor Market Size by Country
  - 11.3.1 Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2031)
  - 11.3.2 Middle East & Africa Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2031)
  - 11.3.3 Turkey Market Size and Forecast (2020-2031)
  - 11.3.4 Egypt Market Size and Forecast (2020-2031)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
  - 11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

- 12.1 Permanent Magnet Brushless DC Motor Market Drivers

12.2 Permanent Magnet Brushless DC Motor Market Restraints

12.3 Permanent Magnet Brushless DC Motor Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Permanent Magnet Brushless DC Motor and Key Manufacturers

13.2 Manufacturing Costs Percentage of Permanent Magnet Brushless DC Motor

13.3 Permanent Magnet Brushless DC Motor Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Permanent Magnet Brushless DC Motor Typical Distributors

14.3 Permanent Magnet Brushless DC Motor Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Permanent Magnet Brushless DC Motor Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Permanent Magnet Brushless DC Motor Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Nidec Basic Information, Manufacturing Base and Competitors

Table 4. Nidec Major Business

Table 5. Nidec Permanent Magnet Brushless DC Motor Product and Services

Table 6. Nidec Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Nidec Recent Developments/Updates

Table 8. MinebeaMitsumi Basic Information, Manufacturing Base and Competitors

Table 9. MinebeaMitsumi Major Business

Table 10. MinebeaMitsumi Permanent Magnet Brushless DC Motor Product and Services

Table 11. MinebeaMitsumi Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. MinebeaMitsumi Recent Developments/Updates

Table 13. Johnson Electric Basic Information, Manufacturing Base and Competitors

Table 14. Johnson Electric Major Business

Table 15. Johnson Electric Permanent Magnet Brushless DC Motor Product and Services

Table 16. Johnson Electric Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Johnson Electric Recent Developments/Updates

Table 18. Maxon Basic Information, Manufacturing Base and Competitors

Table 19. Maxon Major Business

Table 20. Maxon Permanent Magnet Brushless DC Motor Product and Services

Table 21. Maxon Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Maxon Recent Developments/Updates

Table 23. Portescap Basic Information, Manufacturing Base and Competitors

Table 24. Portescap Major Business

Table 25. Portescap Permanent Magnet Brushless DC Motor Product and Services

Table 26. Portescap Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Portescap Recent Developments/Updates

Table 28. Allied Motion Basic Information, Manufacturing Base and Competitors

Table 29. Allied Motion Major Business

Table 30. Allied Motion Permanent Magnet Brushless DC Motor Product and Services

Table 31. Allied Motion Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Allied Motion Recent Developments/Updates

Table 33. Panasonic Basic Information, Manufacturing Base and Competitors

Table 34. Panasonic Major Business

Table 35. Panasonic Permanent Magnet Brushless DC Motor Product and Services

Table 36. Panasonic Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Panasonic Recent Developments/Updates

Table 38. ebm-papst Basic Information, Manufacturing Base and Competitors

Table 39. ebm-papst Major Business

Table 40. ebm-papst Permanent Magnet Brushless DC Motor Product and Services

Table 41. ebm-papst Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. ebm-papst Recent Developments/Updates

Table 43. Mitsuba Basic Information, Manufacturing Base and Competitors

Table 44. Mitsuba Major Business

Table 45. Mitsuba Permanent Magnet Brushless DC Motor Product and Services

Table 46. Mitsuba Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Mitsuba Recent Developments/Updates

Table 48. Welling Basic Information, Manufacturing Base and Competitors

Table 49. Welling Major Business

Table 50. Welling Permanent Magnet Brushless DC Motor Product and Services

Table 51. Welling Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2020-2025)

Table 52. Welling Recent Developments/Updates

Table 53. Wolong Electric Basic Information, Manufacturing Base and Competitors

Table 54. Wolong Electric Major Business

Table 55. Wolong Electric Permanent Magnet Brushless DC Motor Product and Services

Table 56. Wolong Electric Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Wolong Electric Recent Developments/Updates

Table 58. YPOWER Basic Information, Manufacturing Base and Competitors

Table 59. YPOWER Major Business

Table 60. YPOWER Permanent Magnet Brushless DC Motor Product and Services

Table 61. YPOWER Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. YPOWER Recent Developments/Updates

Table 63. HengDrive Basic Information, Manufacturing Base and Competitors

Table 64. HengDrive Major Business

Table 65. HengDrive Permanent Magnet Brushless DC Motor Product and Services

Table 66. HengDrive Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. HengDrive Recent Developments/Updates

Table 68. CHANGZHOU JKONGMOTOR Basic Information, Manufacturing Base and Competitors

Table 69. CHANGZHOU JKONGMOTOR Major Business

Table 70. CHANGZHOU JKONGMOTOR Permanent Magnet Brushless DC Motor Product and Services

Table 71. CHANGZHOU JKONGMOTOR Permanent Magnet Brushless DC Motor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. CHANGZHOU JKONGMOTOR Recent Developments/Updates

Table 73. Global Permanent Magnet Brushless DC Motor Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 74. Global Permanent Magnet Brushless DC Motor Revenue by Manufacturer (2020-2025) & (USD Million)

Table 75. Global Permanent Magnet Brushless DC Motor Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Permanent Magnet Brushless DC Motor, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 77. Head Office and Permanent Magnet Brushless DC Motor Production Site of Key Manufacturer

Table 78. Permanent Magnet Brushless DC Motor Market: Company Product Type Footprint

Table 79. Permanent Magnet Brushless DC Motor Market: Company Product Application Footprint

Table 80. Permanent Magnet Brushless DC Motor New Market Entrants and Barriers to Market Entry

Table 81. Permanent Magnet Brushless DC Motor Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Permanent Magnet Brushless DC Motor Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 83. Global Permanent Magnet Brushless DC Motor Sales Quantity by Region (2020-2025) & (K Units)

Table 84. Global Permanent Magnet Brushless DC Motor Sales Quantity by Region (2026-2031) & (K Units)

Table 85. Global Permanent Magnet Brushless DC Motor Consumption Value by Region (2020-2025) & (USD Million)

Table 86. Global Permanent Magnet Brushless DC Motor Consumption Value by Region (2026-2031) & (USD Million)

Table 87. Global Permanent Magnet Brushless DC Motor Average Price by Region (2020-2025) & (US\$/Unit)

Table 88. Global Permanent Magnet Brushless DC Motor Average Price by Region (2026-2031) & (US\$/Unit)

Table 89. Global Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2025) & (K Units)

Table 90. Global Permanent Magnet Brushless DC Motor Sales Quantity by Type (2026-2031) & (K Units)

Table 91. Global Permanent Magnet Brushless DC Motor Consumption Value by Type (2020-2025) & (USD Million)

Table 92. Global Permanent Magnet Brushless DC Motor Consumption Value by Type (2026-2031) & (USD Million)

Table 93. Global Permanent Magnet Brushless DC Motor Average Price by Type (2020-2025) & (US\$/Unit)

Table 94. Global Permanent Magnet Brushless DC Motor Average Price by Type (2026-2031) & (US\$/Unit)

Table 95. Global Permanent Magnet Brushless DC Motor Sales Quantity by Application

(2020-2025) & (K Units)

Table 96. Global Permanent Magnet Brushless DC Motor Sales Quantity by Application (2026-2031) & (K Units)

Table 97. Global Permanent Magnet Brushless DC Motor Consumption Value by Application (2020-2025) & (USD Million)

Table 98. Global Permanent Magnet Brushless DC Motor Consumption Value by Application (2026-2031) & (USD Million)

Table 99. Global Permanent Magnet Brushless DC Motor Average Price by Application (2020-2025) & (US\$/Unit)

Table 100. Global Permanent Magnet Brushless DC Motor Average Price by Application (2026-2031) & (US\$/Unit)

Table 101. North America Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2025) & (K Units)

Table 102. North America Permanent Magnet Brushless DC Motor Sales Quantity by Type (2026-2031) & (K Units)

Table 103. North America Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2025) & (K Units)

Table 104. North America Permanent Magnet Brushless DC Motor Sales Quantity by Application (2026-2031) & (K Units)

Table 105. North America Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2025) & (K Units)

Table 106. North America Permanent Magnet Brushless DC Motor Sales Quantity by Country (2026-2031) & (K Units)

Table 107. North America Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2025) & (USD Million)

Table 108. North America Permanent Magnet Brushless DC Motor Consumption Value by Country (2026-2031) & (USD Million)

Table 109. Europe Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2025) & (K Units)

Table 110. Europe Permanent Magnet Brushless DC Motor Sales Quantity by Type (2026-2031) & (K Units)

Table 111. Europe Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2025) & (K Units)

Table 112. Europe Permanent Magnet Brushless DC Motor Sales Quantity by Application (2026-2031) & (K Units)

Table 113. Europe Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2025) & (K Units)

Table 114. Europe Permanent Magnet Brushless DC Motor Sales Quantity by Country (2026-2031) & (K Units)

Table 115. Europe Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2025) & (USD Million)

Table 116. Europe Permanent Magnet Brushless DC Motor Consumption Value by Country (2026-2031) & (USD Million)

Table 117. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2025) & (K Units)

Table 118. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Type (2026-2031) & (K Units)

Table 119. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2025) & (K Units)

Table 120. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Application (2026-2031) & (K Units)

Table 121. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Region (2020-2025) & (K Units)

Table 122. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity by Region (2026-2031) & (K Units)

Table 123. Asia-Pacific Permanent Magnet Brushless DC Motor Consumption Value by Region (2020-2025) & (USD Million)

Table 124. Asia-Pacific Permanent Magnet Brushless DC Motor Consumption Value by Region (2026-2031) & (USD Million)

Table 125. South America Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2025) & (K Units)

Table 126. South America Permanent Magnet Brushless DC Motor Sales Quantity by Type (2026-2031) & (K Units)

Table 127. South America Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2025) & (K Units)

Table 128. South America Permanent Magnet Brushless DC Motor Sales Quantity by Application (2026-2031) & (K Units)

Table 129. South America Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2025) & (K Units)

Table 130. South America Permanent Magnet Brushless DC Motor Sales Quantity by Country (2026-2031) & (K Units)

Table 131. South America Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2025) & (USD Million)

Table 132. South America Permanent Magnet Brushless DC Motor Consumption Value by Country (2026-2031) & (USD Million)

Table 133. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Type (2020-2025) & (K Units)

Table 134. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity

by Type (2026-2031) & (K Units)

Table 135. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Application (2020-2025) & (K Units)

Table 136. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Application (2026-2031) & (K Units)

Table 137. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Country (2020-2025) & (K Units)

Table 138. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity by Country (2026-2031) & (K Units)

Table 139. Middle East & Africa Permanent Magnet Brushless DC Motor Consumption Value by Country (2020-2025) & (USD Million)

Table 140. Middle East & Africa Permanent Magnet Brushless DC Motor Consumption Value by Country (2026-2031) & (USD Million)

Table 141. Permanent Magnet Brushless DC Motor Raw Material

Table 142. Key Manufacturers of Permanent Magnet Brushless DC Motor Raw Materials

Table 143. Permanent Magnet Brushless DC Motor Typical Distributors

Table 144. Permanent Magnet Brushless DC Motor Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Permanent Magnet Brushless DC Motor Picture

Figure 2. Global Permanent Magnet Brushless DC Motor Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Permanent Magnet Brushless DC Motor Revenue Market Share by Type in 2024

Figure 4. Inner Rotor Motor Examples

Figure 5. Outer Rotor Motor Examples

Figure 6. Global Permanent Magnet Brushless DC Motor Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global Permanent Magnet Brushless DC Motor Revenue Market Share by Application in 2024

Figure 8. Drones Examples

Figure 9. Power Tools Examples

Figure 10. Packaging Equipment Examples

Figure 11. Electrical Appliances Examples

Figure 12. Medical Examples

Figure 13. Others Examples

Figure 14. Global Permanent Magnet Brushless DC Motor Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 15. Global Permanent Magnet Brushless DC Motor Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 16. Global Permanent Magnet Brushless DC Motor Sales Quantity (2020-2031) & (K Units)

Figure 17. Global Permanent Magnet Brushless DC Motor Price (2020-2031) & (US\$/Unit)

Figure 18. Global Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Manufacturer in 2024

Figure 19. Global Permanent Magnet Brushless DC Motor Revenue Market Share by Manufacturer in 2024

Figure 20. Producer Shipments of Permanent Magnet Brushless DC Motor by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 21. Top 3 Permanent Magnet Brushless DC Motor Manufacturer (Revenue) Market Share in 2024

Figure 22. Top 6 Permanent Magnet Brushless DC Motor Manufacturer (Revenue) Market Share in 2024

Figure 23. Global Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Region (2020-2031)

Figure 24. Global Permanent Magnet Brushless DC Motor Consumption Value Market Share by Region (2020-2031)

Figure 25. North America Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Permanent Magnet Brushless DC Motor Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Permanent Magnet Brushless DC Motor Average Price by Type (2020-2031) & (US\$/Unit)

Figure 33. Global Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Permanent Magnet Brushless DC Motor Revenue Market Share by Application (2020-2031)

Figure 35. Global Permanent Magnet Brushless DC Motor Average Price by Application (2020-2031) & (US\$/Unit)

Figure 36. North America Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Permanent Magnet Brushless DC Motor Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Permanent Magnet Brushless DC Motor Consumption Value

(2020-2031) & (USD Million)

Figure 43. Europe Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Permanent Magnet Brushless DC Motor Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 48. France Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Permanent Magnet Brushless DC Motor Consumption Value Market Share by Region (2020-2031)

Figure 56. China Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 59. India Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Application (2020-2031)

Figure 64. South America Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America Permanent Magnet Brushless DC Motor Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa Permanent Magnet Brushless DC Motor Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa Permanent Magnet Brushless DC Motor Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa Permanent Magnet Brushless DC Motor Consumption Value (2020-2031) & (USD Million)

Figure 76. Permanent Magnet Brushless DC Motor Market Drivers

Figure 77. Permanent Magnet Brushless DC Motor Market Restraints

Figure 78. Permanent Magnet Brushless DC Motor Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Permanent Magnet Brushless DC Motor in 2024

Figure 81. Manufacturing Process Analysis of Permanent Magnet Brushless DC Motor

Figure 82. Permanent Magnet Brushless DC Motor Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

## I would like to order

Product name: Global Permanent Magnet Brushless DC Motor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G9CFEDEF71DEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9CFEDEF71DEN.html>