

# Permanent Magnet Motor - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/P3FBA74B45FEN.html>

Date: February 2019

Pages: 161

Price: US\$ 4,150.00 (Single User License)

ID: P3FBA74B45FEN

## Abstracts

According to Statistics MRC, the Global Permanent Magnet Motor Market is accounted for \$27.15 billion in 2017 and is expected to reach \$60.19 billion by 2026 growing at a CAGR of 9.2%. Factors such as rising demand for the implementation of permanent magnet motors across industries and low maintenance costs are driving the market growth. However, increase in the initial cost of permanent magnet motor is hampering the growth of the market. Moreover, increasing use of permanent magnets, owing to its unique properties, subsequently are considered as the growth opportunity for the market.

Permanent magnet motor is a synchronous motor with permanent magnets attached to the surface of the motor. These motors are of three types, namely, permanent magnet AC motors, permanent magnet DC motors, and brushless DC motor. Permanent magnet motors have various advantages such as high efficiency, high power density, and ease of control. Moreover, there are low mechanical friction losses due to the absence of mechanical commutators and brushes. The major advantages of permanent magnet motor are its compact size, efficiency, and no requirement of cooling fan.

Based on the end user, automotive segment has lucrative market share during the forecast period. Due to the installing the maximum number of permanent magnet motors. By geography, Asia Pacific region is driven by owing to the growing demand for energy-efficient motors for end-use applications such as electric vehicles, consumer electronics, and automobiles in the region.

Some of the key players in Permanent Magnet Motor market include Siemens, ABB, Allied Motion, Rockwell, General Electric Company, Johnson Electric, Ametek, Schneider Electric, Fanuc Corp, Toshiba Corporation, John Deere, Emerson, Honeywell

International Inc, Yaskawa, and Weg.

Types Covered:

Brushless DC

Permanent Magnet Direct Current Motor (PMDC)

Permanent Magnet Alternate Current Motor (PMAC)

Hermetic Motors

Power Ratings Covered:

Up to 25 kW

25–100 kW

100–300 kW

300 kW & Above

Material Types Covered:

Samarium Cobalt

Rare Earth

Neodymium

Ferrite

Other Material Types

End Users Covered:

Healthcare

Energy

Water and Wastewater Management

Mining, and Oil and Gas

Lab Equipment

Commercial

Residential

Industrial

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

## Rest of Middle East & Africa

### What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

## Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

## Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL PERMANENT MAGNET MOTOR MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Brushless DC
- 5.3 Permanent Magnet Direct Current Motor (PMDC)
- 5.4 Permanent Magnet Alternate Current Motor (PMAC)
- 5.5 Hermetic Motors

## **6 GLOBAL PERMANENT MAGNET MOTOR MARKET, BY POWER RATING**

- 6.1 Introduction
- 6.2 Up to 25 kW
- 6.3 25–100 kW
- 6.4 100–300 kW
- 6.5 300 kW & Above

## **7 GLOBAL PERMANENT MAGNET MOTOR MARKET, BY MATERIAL TYPE**

- 7.1 Introduction
- 7.2 Samarium Cobalt
- 7.3 Rare Earth
- 7.4 Neodymium
- 7.5 Ferrite
- 7.6 Other Material Types

## **8 GLOBAL PERMANENT MAGNET MOTOR MARKET, BY END USER**

- 8.1 Introduction
- 8.2 Healthcare
- 8.3 Energy
- 8.4 Water and Wastewater Management
- 8.5 Mining, and Oil and Gas
- 8.6 Lab Equipment
- 8.7 Commercial
  - 8.7.1 Offices
  - 8.7.2 Banks
  - 8.7.3 Malls
- 8.8 Residential
- 8.9 Industrial
  - 8.9.1 Aerospace



- 8.9.2 Automotive
- 8.9.3 Pulp & Paper
- 8.9.4 Robotics
- 8.9.5 Textile
- 8.10 Other End Users
  - 8.10.1 Defense
  - 8.10.2 Agriculture
  - 8.10.3 Renewable
  - 8.10.4 Transportation
    - 8.10.4.1 Railways
    - 8.10.4.2 Electric Vehicle

## **9 GLOBAL PERMANENT MAGNET MOTOR MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK
  - 9.3.3 Italy
  - 9.3.4 France
  - 9.3.5 Spain
  - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil
  - 9.5.3 Chile
  - 9.5.4 Rest of South America

## 9.6 Middle East & Africa

9.6.1 Saudi Arabia

9.6.2 UAE

9.6.3 Qatar

9.6.4 South Africa

9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

10.3 New Product Launch

10.4 Expansions

10.5 Other Key Strategies

## **11 COMPANY PROFILING**

11.1 Siemens

11.2 ABB

11.3 Allied Motion

11.4 Rockwell

11.5 General Electric Company

11.6 Johnson Electric

11.7 Ametek

11.8 Schneider Electric

11.9 Fanuc Corp

11.10 Toshiba Corporation

11.11 John Deere

11.12 Emerson

11.13 Honeywell International Inc.

11.14 Yaskawa

11.15 Weg

## List Of Tables

### LIST OF TABLES

- 1 Global Permanent Magnet Motor Market Outlook, By Region (2016-2026) (\$MN)
- 2 Global Permanent Magnet Motor Market Outlook, By Type (2016-2026) (\$MN)
- 3 Global Permanent Magnet Motor Market Outlook, By Brushless DC (2016-2026) (\$MN)
- 4 Global Permanent Magnet Motor Market Outlook, By Permanent Magnet Direct Current Motor (PMDC) (2016-2026) (\$MN)
- 5 Global Permanent Magnet Motor Market Outlook, By Permanent Magnet Alternate Current Motor (PMAC) (2016-2026) (\$MN)
- 6 Global Permanent Magnet Motor Market Outlook, By Hermetic Motors (2016-2026) (\$MN)
- 7 Global Permanent Magnet Motor Market Outlook, By Power Rating (2016-2026) (\$MN)
- 8 Global Permanent Magnet Motor Market Outlook, By Up to 25 kW (2016-2026) (\$MN)
- 9 Global Permanent Magnet Motor Market Outlook, By 25–100 kW (2016-2026) (\$MN)
- 10 Global Permanent Magnet Motor Market Outlook, By 100–300 kW (2016-2026) (\$MN)
- 11 Global Permanent Magnet Motor Market Outlook, By 300 kW & Above (2016-2026) (\$MN)
- 12 Global Permanent Magnet Motor Market Outlook, By Material Type (2016-2026) (\$MN)
- 13 Global Permanent Magnet Motor Market Outlook, By Samarium Cobalt (2016-2026) (\$MN)
- 14 Global Permanent Magnet Motor Market Outlook, By Rare Earth (2016-2026) (\$MN)
- 15 Global Permanent Magnet Motor Market Outlook, By Neodymium (2016-2026) (\$MN)
- 16 Global Permanent Magnet Motor Market Outlook, By Ferrite (2016-2026) (\$MN)
- 17 Global Permanent Magnet Motor Market Outlook, By Other Material Types (2016-2026) (\$MN)
- 18 Global Permanent Magnet Motor Market Outlook, By End User (2016-2026) (\$MN)
- 19 Global Permanent Magnet Motor Market Outlook, By Healthcare (2016-2026) (\$MN)
- 20 Global Permanent Magnet Motor Market Outlook, By Energy (2016-2026) (\$MN)
- 21 Global Permanent Magnet Motor Market Outlook, By Water and Wastewater Management (2016-2026) (\$MN)
- 22 Global Permanent Magnet Motor Market Outlook, By Mining, and Oil and Gas (2016-2026) (\$MN)

23 Global Permanent Magnet Motor Market Outlook, By Lab Equipment (2016-2026) (\$MN)

24 Global Permanent Magnet Motor Market Outlook, By Commercial (2016-2026) (\$MN)

25 Global Permanent Magnet Motor Market Outlook, By Offices (2016-2026) (\$MN)

26 Global Permanent Magnet Motor Market Outlook, By Banks (2016-2026) (\$MN)

27 Global Permanent Magnet Motor Market Outlook, By Malls (2016-2026) (\$MN)

28 Global Permanent Magnet Motor Market Outlook, By Residential (2016-2026) (\$MN)

29 Global Permanent Magnet Motor Market Outlook, By Industrial (2016-2026) (\$MN)

30 Global Permanent Magnet Motor Market Outlook, By Aerospace (2016-2026) (\$MN)

31 Global Permanent Magnet Motor Market Outlook, By Automotive (2016-2026) (\$MN)

32 Global Permanent Magnet Motor Market Outlook, By Pulp & Paper (2016-2026) (\$MN)

33 Global Permanent Magnet Motor Market Outlook, By Robotics (2016-2026) (\$MN)

34 Global Permanent Magnet Motor Market Outlook, By Textile (2016-2026) (\$MN)

35 Global Permanent Magnet Motor Market Outlook, By Other End Users (2016-2026) (\$MN)

36 Global Permanent Magnet Motor Market Outlook, By Defense (2016-2026) (\$MN)

37 Global Permanent Magnet Motor Market Outlook, By Agriculture (2016-2026) (\$MN)

38 Global Permanent Magnet Motor Market Outlook, By Renewable (2016-2026) (\$MN)

39 Global Permanent Magnet Motor Market Outlook, By Transportation (2016-2026) (\$MN)

NOTE: Tables for North America, Europe, Asia Pacific, South America, Middle East & Africa are represented in the same manner above.

## I would like to order

Product name: Permanent Magnet Motor - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/P3FBA74B45FEN.html>

Price: US\$ 4,150.00 (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/P3FBA74B45FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970