

# Electric AC Motors - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Electric AC Motors Market is accounted for \$74.79 billion in 2017 and is expected to reach \$166.50 billion by 2026 growing at a CAGR of 9.3% during the forecast period. The increasing automation in various industrial processes, use of electric AC motors in diverse applications such as healthcare, construction, automotive, and consumer goods among others are some of the factors fuelling the market growth. However, poor positioning control and inability to operate at low speeds are restricting the market growth.

An electric AC motor is driven with the help of alternating current (AC). The electric AC motor comprises two parts i.e. a stator located outside and a rotor located inside. An outside stator has the coils that produce the rotating magnetic field. There are various types of electric AC motors such as synchronous AC motors, and induction or asynchronous AC motors. In case of synchronous motors, the rotor moves precisely along with the speed of a rotating magnetic field. However, in an induction or asynchronous motor, the rotor moves at a speed lower than the magnetic field. Generally, the speed of the rotor in a motor depends on the AC supply frequency and the number of coils. However, the load on the motor plays a vital role in deciding the speed of a rotor. The greater the load, the greater the difference between the rotor's actual speed and rotating magnetic field's speed. Speed of the electric AC motor can be controlled with the help of a controller or a variable-frequency drive. AC controller is the device that controls the electric AC motor's speed.

Based on products, the synchronous segment is estimated to have a lucrative growth across several sectors, owing to benefits such as precise control of speed & position, sturdy construction, and efficient torque. By Geography, Asia-Pacific going to have a lucrative growth due to the presence of emerging industries such as healthcare,

agriculture, construction, and automotive, substantial initiatives in research and development, and favorable government policies drive the market growth in this region.

Some of the key players profiled in the Electric AC Motors market include Siemens AG, Rockwell Automation Inc., Franklin Electric Co. Inc., Allied Motion Technologies Inc., Johnson Electric, Ametek Inc., Asmo Co. Ltd., Baldor Electric Company Inc., Kirloskar Electric Company and ABB Limited.

#### Voltages Covered:

Fractional HP Output

Integral HP Output

#### Products Covered:

Induction AC Motors

Synchronous AC Motors

#### End Users Covered:

Aerospace & Transportation

Agriculture

Automotive

Commercial

Heating Ventilation and Air Conditioning (HVAC) Equipment

Household Appliances

Industrial Machinery

Motor Vehicles

Residential

Channels Covered:

Direct Sales

Distributor

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.

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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

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