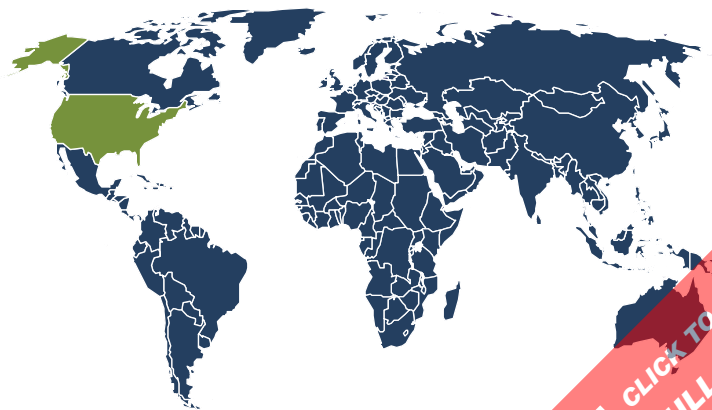


Freedonia Focus Reports
US Collection

Electric Motors: United States

December 2014



Highlights

Market Environment

Historical Market Size and Trends | Key Economic Indicators | Trade
Technology and Material Trends

Demand Segmentation and Forecasts

Products | Markets

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

Resources

CLICK TO ORDER
FULL REPORT

CLICK TO ORDER
FULL REPORT

www.freedoniafocus.com

ABOUT THIS REPORT

Scope & Method

This report forecasts US electric motor demand in US dollars at the manufacturer's level to 2018. Total demand is segmented by product in terms of:

- fractional alternating current (AC) motors
- integral AC motors
- fractional direct current (DC) motors
- integral DC motors.

Universal motors, which can run on AC or DC power, are grouped with DC motors for the purpose of this report.

Total demand is also segmented by market as follows:

- motor vehicles
- heating and cooling equipment
- machinery
- household appliances
- aerospace and other transportation equipment
- other markets such as commercial and service industry equipment, computer and communications equipment.

To illustrate historical trends, total demand is provided in an annual series from 2003 to 2013; the various segments are reported at five-year intervals for 2008 and 2013. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends/events as well as their expected progression/impact over the forecast period. Changes in quantities between reported years of a given total or segment are typically provided in terms of five-year compound annual growth rates (CAGRs). For the sake of brevity, forecasts are generally stated in smoothed CAGR-based descriptions to the forecast year, such as "demand is projected to rise 3.2% annually through 2018." The result of any particular year over that period, however, may exhibit volatility and depart from a smoothed, long-term trend, as historical data typically illustrate.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

Electric Motors: United States (FF45044) is based on [Electric Motors](#), a comprehensive industry study published by The Freedonia Group in December 2014. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- The Freedonia Group Consensus Forecasts dated August 2014
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
335312	Motor and Generator Manufacturing	3621	Motors and Generators
336322	Other Motor Vehicle and Electronic Equipment Manufacturing	3694	Electrical Equipment for Internal Combustion Engines

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group, Inc.

Table of Contents

Section	Page
About This Report	i
Highlights.....	1
Market Environment	2
Historical Market Size & Trends	2
Chart 1 US Electric Motor Demand Trends, 2003-2013 (US\$ mil).....	2
Key Economic Indicators	3
Table 1 Key Indicators for US Electric Motor Demand; 2008, 2013, 2018 (US\$ bil).....	3
Trade.....	4
Chart 2 US Electric Motor Trade; 2003, 2008, 2013 (US\$ mil)	4
Technology & Material Trends	6
Demand Segmentation & Forecasts	8
Products	8
Chart 3 US Electric Motor Demand by Product; 2008, 2013, 2018 (US\$ mil).....	8
Fractional AC Motors.....	9
Integral AC Motors.....	9
Fractional DC Motors.....	10
Integral DC Motors.....	11
Chart 4 US Electric Motor Demand by Product Share; 2008, 2013, 2018 (%)	12
Markets	13
Chart 5 US Electric Motor Demand by Market; 2008, 2013, 2018 (US\$ mil)	13
Motor Vehicles.....	13
Heating & Cooling Equipment.....	15
Machinery.....	17
Household Appliances.....	18
Aerospace & Other Transportation Equipment.....	19
Other Markets.....	21
Chart 6 US Electric Motor Demand by Market Share; 2008, 2013, 2018 (%).....	22
Industry Structure.....	23
Industry Composition & Characteristics.....	23
Company Profile 1 Nidec Corporation	25
Company Profile 2 Regal Beloit Corporation.....	26
Company Profile 3 Siemens AG	27
Additional Companies Cited.....	28
Resources	29

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
PDF bookmarks are also available for navigation.