

Induction Motor Market by Type (Single Phase, Three Phase), Application (Residential, Industrial, Commercial), Geography (North America, Europe, Asia-Pacific, Row) - Analysis and Forecasts to 2019

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Abstracts

Induction motor is an electrical motor commonly used in industries and households for a variety of applications. Running at a less than synchronous speed, induction motor is also known as asynchronous motor. As per the phase type of the electric current, induction motor is of two types: single phase induction motor and three phase induction motor. The three phase induction motor is a self-start motor unlike the single phase induction motor. Induction motors have major applications in the industrial, commercial, and residential sectors. The global induction motor market is expected to reach \$15,810.3 million by 2019, growing at a CAGR of 12.4% from 2014 to 2019.

The global induction motor market has been segmented on the basis of three categories, namely, type, application, and geography. The type segment includes single phase induction motor and three phase induction motor. In 2014, the three phase induction motor had a majority share of about 68% in the global induction motor market. Widely used in motor and drive applications, the market for three phase induction motor is estimated to grow at a double-digit CAGR during the forecast from 2014 to 2019. They are used in lathes, drilling machines, agricultural & industrial pumps, lifts, and cranes among other applications.

The research report also analyzes the three phase induction motor market on the basis of motor types - squirrel cage induction motor and slip ring induction motor. The segmentation according to application includes industrial, commercial, and residential sectors. Based on geography, the induction motor market has been classified into North America, Europe, Asia-Pacific, and rest of the world (RoW).

ABB Ltd. (Switzerland), one of the key players in the global induction motor market in 2014, launched a series of motors designed to accelerate high inertia loads, such as axial fans. These fans are currently in demand with plant operators seeking to comply with new air quality regulations, such as the Clean Air Act in the U.S.

The major players offering various products in the induction motor market include Nidec Motor Corporation (U.S.), ABB Ltd. (Switzerland), Siemens AG (Germany), WEG Electric Corp. (Brazil), and Emerson Electric Co. (U.S.) among others. These key players are focusing on expanding their market base through the adoption of market strategies which includes both organic (new product developments) and inorganic (strategic alliances and acquisitions) expansions.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET SEGMENTATION & COVERAGE
- 1.3 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 INTEGRATED ECOSYSTEM OF THE INDUCTION MOTOR MARKET
- 2.2 ARRIVING AT THE INDUCTION MOTOR MARKET SIZE
 - 2.2.1 TOP-DOWN APPROACH
 - 2.2.2 BOTTOM-UP APPROACH
 - 2.2.3 DEMAND-SIDE APPROACH
- 2.3 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 MARKET OVERVIEW

- 4.1 INTRODUCTION
- 4.2 MARKET DRIVERS AND INHIBITORS
- 4.3 KEY MARKET DYNAMICS

5 INDUCTION MOTOR MARKET, BY APPLICATION

- 5.1 INTRODUCTION
- 5.2 RESIDENTIAL
- 5.3 INDUSTRIAL
- 5.4 COMMERCIAL

6 INDUCTION MOTOR MARKET, BY TYPE

- 6.1 INTRODUCTION
- 6.2 SINGLE PHASE INDUCTION MOTOR
- 6.3 THREE PHASE INDUCTION MOTOR

7 INDUCTION MOTOR MARKET, BY GEOGRAPHY

Induction Motor Market by Type (Single Phase, Three Phase), Application (Residential, Industrial, Commercial),...

- 7.1 INTRODUCTION
- 7.2 NORTH AMERICA
 - 7.2.1 BY APPLICATION
 - 7.2.2 BY TYPE
- 7.3 EUROPE
 - 7.3.1 BY APPLICATION
 - 7.3.2 BY TYPE
- 7.4 ASIA-PACIFIC
 - 7.4.1 BY APPLICATION
 - 7.4.2 BY TYPE
- 7.5 ROW
 - 7.5.1 BY APPLICATION
 - 7.5.2 BY TYPE

8 COMPETITIVE LANDSCAPE

- 8.1 COMPANY RANKING
- 8.2 COMPANY PRESENCE IN INDUCTION MOTOR MARKET, BY TYPE
- 8.3 NEW PRODUCT DEVELOPMENTS
- 8.4 MERGERS & ACQUISITIONS
- 8.5 AGREEMENTS AND EXPANSIONS

9 COMPANY PROFILES

(Overview, Financials, Products & Services, Strategy, and Developments)*

- 9.1 NIDEC MOTOR CORPORATION
- 9.2 ABB LTD.
- 9.3 SIEMENS AG
- 9.4 WEG ELECTRIC CORP.
- 9.5 EMERSON ELECTRIC CO.

*Details on overview, financials, product & services, strategy, and developments might not be captured in case of unlisted companies.

10 APPENDIX

- 10.1 CUSTOMIZATION OPTIONS

- 10.1.1 PRODUCT PORTFOLIO ANALYSIS
- 10.1.2 COUNTRY-LEVEL DATA ANALYSIS
- 10.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS
- 10.1.4 TRADE ANALYSIS
- 10.2 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 10.3 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 INDUCTION MOTOR MARKET: ASSUMPTIONS

Table 2 INDUCTION MOTOR MARKET: DRIVERS AND INHIBITORS

Table 3 INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 4 INDUCTION MOTOR MARKET, BY TYPE, 2013 - 2019 (\$MILLION)

Table 5 INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 6 INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 7 INDUCTION MOTOR MARKET IN INDUSTRIAL, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 8 INDUCTION MOTOR MARKET IN INDUSTRIAL, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 9 INDUCTION MOTOR MARKET IN RESIDENTIAL, BY GEOGRAPHY, 2013 - 2019 (\$MILLION)

Table 10 INDUCTION MOTOR MARKET IN INDUSTRIAL, BY GEOGRAPHY, 2013 - 2019 (\$MILLION)

Table 11 INDUCTION MOTOR MARKET IN COMMERCIAL, BY GEOGRAPHY, 2013 - 2019 (\$MILLION)

Table 12 INDUCTION MOTOR MARKET, BY TYPE, 2013 - 2019 (\$MILLION)

Table 13 THREE PHASE INDUCTION MOTOR MARKET, BY TYPE, 2013 - 2019 (\$MILLION)

Table 14 SINGLE PHASE INDUCTION MOTOR MARKET, BY GEOGRAPHY, 2013–2019 (\$MILLION)

Table 15 THREE PHASE INDUCTION MOTOR MARKET, BY GEOGRAPHY, 2013 - 2019 (\$MILLION)

Table 16 INDUCTION MOTOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2013 - 2019 (\$MILLION)

Table 17 NORTH AMERICA INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 18 NORTH AMERICA INDUCTION MOTOR, BY TYPE, 2013 - 2019 (\$MILLION)

Table 19 EUROPE INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 20 EUROPE INDUCTION MOTOR, BY TYPE, 2013 - 2019 (\$MILLION)

Table 21 ASIA-PACIFIC INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Table 22 ASIA-PACIFIC INDUCTION MOTOR, BY TYPE, 2013 - 2019 (\$MILLION)

Table 23 ROW INDUCTION MOTOR MARKET, BY APPLICATION, 2013-2019

(\$MILLION)

Table 24 ROW INDUCTION MOTOR, BY TYPE, 2013 - 2019 (\$MILLION)

Table 25 INDUCTION MOTOR MARKET: COMPANY RANKING, 2014

Table 26 INDUCTION MOTOR MARKET: NEW PRODUCT DEVELOPMENTS

Table 27 INDUCTION MOTOR MARKET: MERGERS & ACQUISITIONS

Table 28 INDUCTION MOTOR MARKET: AGREEMENTS AND EXPANSIONS

Table 29 NIDEC CORPORATION KEY FINANCIALS, 2009 - 2013 (\$MILLION)

Table 30 NIDEC CORPORATION FINANCIAL: GEOGRAPHIC SEGMENT, 2009 - 2013 (\$MILLION)

Table 31 NIDEC CORPORATION FINANCIALS: BUSINESS SEGMENT, 2009 - 2013 (\$MILLION)

Table 32 ABB LTD.: MARKET REVENUE BY GEOGRAPHY, 2009-2013 (\$MILLION)

Table 33 ABB LTD.: ANNUAL REVENUE, BY BUSINESS SEGMENTS, 2009–2013 (\$MILLION)

Table 34 ABB LTD.: EBIT AND NET INCOME, 2009–2013 (\$MILLION)

Table 35 SIEMENS: ANNUAL REVENUE, BY, 2010–2014 (\$ MN)

Table 36 WEG: ANNUAL REVENUE, BY BUSINESS SEGMENT, 2010–2014 (\$ MN)

Table 37 WEG: KEY OPERATING DATA, 2010–2014 (\$ MN)

Table 38 EMERSON ELECTRIC, INC.: KEY FINANCIALS, 2010 - 2014 (\$MILLION)

Table 39 EMERSON ELECTRIC, INC.: KEY FINANCIALS, BY SEGMENT, 2010 - 2014 (\$MILLION)

Table 40 EMERSON ELECTRIC, INC.: KEY FINANCIALS, BY GEOGRAPHY, 2010 - 2014 (\$MILLION)

List Of Figures

LIST OF FIGURES

Figure 1 GLOBAL INDUCTION MOTOR MARKET: SEGMENTATION & COVERAGE

Figure 2 INDUCTION MOTOR MARKET: INTEGRATED ECOSYSTEM

Figure 3 RESEARCH METHODOLOGY

Figure 4 TOP-DOWN APPROACH

Figure 5 BOTTOM-UP APPROACH

Figure 6 DEMAND-SIDE APPROACH

Figure 7 INDUCTION MOTOR MARKET SNAPSHOT, 2014

Figure 8 INDUCTION MOTOR MARKET: GROWTH POCKETS

Figure 9 INDUCTION MOTOR MARKET, BY APPLICATION, 2014 & 2019

Figure 10 INDUCTION MOTOR TYPES, BY GEOGRAPHY, 2014 (\$MILLION)

Figure 11 INDUCTION MOTOR MARKET, BY APPLICATION, 2013 - 2019 (\$MILLION)

Figure 12 INDUCTION MOTOR MARKET, BY APPLICATION, 2014 & 2019
(\$MILLION)

Figure 13 INDUCTION MOTOR MARKET IN INDUSTRIAL, BY APPLICATION, 2014 &
2019 (\$MILLION)

Figure 14 INDUCTION MOTOR MARKET IN COMMERCIAL, BY APPLICATION, 2014
& 2019 (\$MILLION)

Figure 15 INDUCTION MOTOR MARKET IN RESIDENTIAL, BY GEOGRAPHY, 2014 &
2019 (\$MILLION)

Figure 16 INDUCTION MOTOR MARKET IN INDUSTRIAL, BY GEOGRAPHY, 2014 &
2019 (\$MILLION)

Figure 17 INDUCTION MOTOR MARKET IN COMMERCIAL, BY GEOGRAPHY, 2014
& 2019 (\$MILLION)

Figure 18 INDUCTION MOTOR MARKET, BY TYPE, 2014 & 2019 (\$MILLION)

Figure 19 THREE PHASE INDUCTION MOTOR MARKET, BY TYPE, 2014 & 2019
(\$MILLION)

Figure 20 SINGLE PHASE INDUCTION MOTOR MARKET, BY GEOGRAPHY, 2014 &
2019 (\$MILLION)

Figure 21 THREE PHASE INDUCTION MOTOR MARKET, BY GEOGRAPHY, 2014 &
2019 (\$MILLION)

Figure 22 INDUCTION MOTOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY,
2014 & 2019 (\$MILLION)

Figure 23 NORTH AMERICA INDUCTION MOTOR MARKET OVERVIEW, 2014 &
2019 (%)

Figure 24 NORTH AMERICA INDUCTION MOTOR MARKET, BY APPLICATION, 2014

& 2019 (\$MILLION)

Figure 25 NORTH AMERICA INDUCTION MOTOR MARKET: APPLICATION SNAPSHOT

Figure 26 NORTH AMERICA INDUCTION MOTOR MARKET, BY TYPE, 2014 & 2019 (\$MILLION)

Figure 27 EUROPE INDUCTION MOTOR MARKET, OVERVIEW, 2014 & 2019 (%)

Figure 28 EUROPE INDUCTION MOTOR MARKET, BY APPLICATION, 2014 & 2019 (\$MILLION)

Figure 29 EUROPE INDUCTION MOTOR MARKET: APPLICATION SNAPSHOT

Figure 30 EUROPE INDUCTION MOTOR MARKET, BY TYPE, 2014 & 2019 (\$MILLION)

Figure 31 ASIA-PACIFIC INDUCTION MOTOR MARKET, OVERVIEW, 2014 & 2019 (%)

Figure 32 ASIA-PACIFIC INDUCTION MOTOR MARKET, BY APPLICATION, 2014 & 2019 (\$MILLION)

Figure 33 ASIA-PACIFIC INDUCTION MOTOR MARKET: APPLICATION SNAPSHOT

Figure 34 ASIA-PACIFIC INDUCTION MOTOR MARKET, BY TYPE, 2014 & 2019 (\$MILLION)

Figure 35 ROW INDUCTION MOTOR MARKET OVERVIEW, 2014 & 2019 (%)

Figure 36 ROW INDUCTION MOTOR MARKET, BY APPLICATION, 2014 & 2019 (\$MILLION)

Figure 37 ROW INDUCTION MOTOR MARKET: APPLICATION SNAPSHOT

Figure 38 ROW INDUCTION MOTOR MARKET, BY TYPE, 2014 & 2019 (\$MILLION)

Figure 39 INDUCTION MOTOR: COMPANY PRODUCT COVERAGE, BY TYPE, 2014

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