

# Automotive Motors Market by EV Motor Type (Brushless, Brushed, Traction, Induction, Stepper), ICE Motor Type, Vehicle Type (PC, LCV, HCV), Electric Vehicle Type, Application, Function (Performance, Safety, Comfort) and Region - Global Forecast to 2027

<https://marketpublishers.com/r/AB9FFC2D3E9EN.html>

Date: June 2022

Pages: 326

Price: US\$ 4,950.00 (Single User License)

ID: AB9FFC2D3E9EN

## Abstracts

The global automotive motors market for ICE vehicles is projected to grow from USD 23.0 billion in 2022 to USD 28.7 billion by 2027, at a CAGR of 4.5%. Rising demand for automobile safety by major countries and the use of additional comfort features, specially in mid-priced and luxury automobile segments will lead to a growing demand for automotive motors. OEMs are currently working with component manufacturers to provide such comfort and safety features to their customers at a better customization (available in higher priced models) of their vehicles. The shift to EVs and recovery of automobile sales from the decline during the pandemic will further increase demand for automotive motors around the world.

“Brushless Motors to be a fast growing segment during the forecast period.”

The major applications of brushless motors include EGR motors, electric sunroof motors, and many others. Brushless motors are more efficient and durable than brushed motors as these are not susceptible to damage or breakage and undergo minimal wear and tear, attributed to the absence of a physical commutator and brushes. Also, brushless motors have better speed and torque and can maintain or increase torque at various speeds. Importantly, there is no power loss across brushes, making the motors significantly more efficient. Brushless motors also provide high output power, better heat dissipation, higher speed ranges, and low-noise operation. Brushless DC motors provide significant benefits in terms of power density, thereby providing better fuel economy, reduced weight, and lower emissions. They are used in cabin HVAC

blowers, pumps, and windshield wipers, among others. The factors accelerating the growth of brushless motors in the global market include manufacturing advanced technology in vehicles. Since regulations enforced by the governments have encouraged manufacturers and customers to opt for electric and hybrid vehicles, there has been an increase in the demand for motors offering lesser weight and high speed. The use of brushless motors in the power steering system can improve fuel consumption by 3–5% if an electric system replaces the hydraulic system. The motors are useful in both ICE and electric drives, so their demand is more hyped in the market.

“Europe is expected to have a higher demand for comfort and safety motors during the forecast period.”

The automotive sector is one of the key industries in Europe. As per the European Commission, there are approximately 180 automobile facilities across the EU, and the automobile industry is the largest investor in R&D. Europe is a hub for automotive giants and premium vehicles. However, in recent years, there has been a slump in the production of vehicles and an increase in competition from emerging markets such as India, China, and Brazil. The increasingly stringent regulations related to environmental issues are encouraging market players to develop advanced vehicles with better emission control, along with improving safety and comfort features, further boosting the market for automotive motors. The European region for this study is segmented into Germany, France, Spain, UK, Italy, and Rest of Europe. It is a major hub for many renowned OEMs for delivering quality and high-performance vehicles. Most European vehicles are equipped with high-end automotive motors technology. However, Eastern European countries still lag behind Western European countries such as the UK, Germany, France, and Spain, in terms of vehicle norms and technology. The major drivers for the automotive motors market in Europe are the high focus on emission norms, rising demand for electric and luxury vehicles, as well as the decreasing display prices, high production volume, and integration with software technologies. The region is home to leading automotive manufacturers like BMW, Audi, Mercedes-Benz, Scania, Volvo, and Volkswagen. These manufacturers are focusing on developing robust electric and autonomous vehicle technologies, which would further boost the demand for automotive motors.

In-depth interviews were conducted with CEOs, marketing directors, other innovation and technology directors, and executives from various key organizations operating in this market.

By Company Type: Tier I - 67%, Others - 9%, and OEMs - 24%

By Designation: CXOs - 33%, Managers - 52%, and Executives - 15%

By Region: North America - 42%, Europe - 22%, Asia Pacific - 32%, Rest of the World – 4%

The automotive motors market is dominated by established players such as Bosch (Germany), Denso (Japan), BorgWarner (US), ZF Group (Germany), and Continental AG (Germany). These companies adopted new product launches, undertook deals, and other strategies to gain traction in the automotive motors market.

#### Research Coverage:

The report covers Automotive Motors Market by EV motor type (brushless, brushed, traction, induction, stepper, others), ICE motor type, vehicle type (PC, LCV, HCV), electric vehicle type, application, function (performance, safety, comfort) and region (Asia Pacific, North America, Europe and Rest of the World). It also covers the competitive landscape and company profiles of the major players in the automotive motors market ecosystem.

The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

#### Key Benefits of Buying the Report:

The report will help market leaders/new entrants in this market with information on the closest approximations of revenue numbers for the overall automotive motors market and its subsegments.

This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies.

The report also helps stakeholders understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

TABLE 1 AUTOMOTIVE MOTORS MARKET DEFINITION, BY ELECTRIC VEHICLE TYPE

TABLE 2 AUTOMOTIVE MOTORS MARKET DEFINITION, BY VEHICLE TYPE

TABLE 3 AUTOMOTIVE MOTORS MARKET DEFINITION, BY FUNCTION

TABLE 4 AUTOMOTIVE MOTORS MARKET DEFINITION, BY APPLICATION

TABLE 5 AUTOMOTIVE MOTORS MARKET DEFINITION, BY ICE MOTOR TYPE

TABLE 6 AUTOMOTIVE MOTORS MARKET DEFINITION, BY EV MOTOR TYPE

##### 1.2.1 INCLUSIONS & EXCLUSIONS

TABLE 7 INCLUSIONS & EXCLUSIONS IN AUTOMOTIVE MOTORS MARKET

#### 1.3 MARKET SCOPE

FIGURE 1 MARKETS COVERED

##### 1.3.1 YEARS CONSIDERED

##### 1.3.2 REGIONS COVERED

#### 1.4 CURRENCY & PRICING

TABLE 8 CURRENCY EXCHANGE RATES

#### 1.5 PACKAGE SIZE

#### 1.6 STAKEHOLDERS

#### 1.7 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

FIGURE 2 AUTOMOTIVE MOTORS MARKET: RESEARCH DESIGN

FIGURE 3 RESEARCH DESIGN MODEL

##### 2.1.1 SECONDARY DATA

2.1.1.1 Key secondary sources for automotive motors market

2.1.1.2 Key data from secondary sources

##### 2.1.2 PRIMARY DATA

2.1.2.1 Primary interviews – demand and supply sides

2.1.2.2 Key industry insights and breakdown of primary interviews

FIGURE 4 KEY INDUSTRY INSIGHTS

FIGURE 5 BREAKDOWN OF PRIMARY INTERVIEWS

2.1.2.3 List of primary participants

## 2.2 MARKET SIZE ESTIMATION

### FIGURE 6 RESEARCH METHODOLOGY: HYPOTHESIS BUILDING

#### 2.2.1 BOTTOM-UP APPROACH

### FIGURE 7 BOTTOM-UP APPROACH: AUTOMOTIVE MOTORS MARKET

#### 2.2.2 TOP-DOWN APPROACH

### FIGURE 8 TOP-DOWN APPROACH: AUTOMOTIVE MOTORS MARKET

### FIGURE 9 AUTOMOTIVE MOTORS MARKET: MARKET ESTIMATION NOTES

### FIGURE 10 AUTOMOTIVE MOTORS MARKET: RESEARCH DESIGN & METHODOLOGY – DEMAND SIDE

### FIGURE 11 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN (SUPPLY SIDE) - COLLECTIVE MARKET SHARE OF MAJOR PLAYERS

## 2.3 DATA TRIANGULATION

### FIGURE 12 DATA TRIANGULATION METHODOLOGY

### FIGURE 13 MARKET GROWTH PROJECTIONS FROM DEMAND-SIDE DRIVERS AND OPPORTUNITIES

## 2.4 FACTOR ANALYSIS

### 2.4.1 FACTOR ANALYSIS FOR MARKET SIZING: DEMAND- AND SUPPLY-SIDES

## 2.5 RESEARCH ASSUMPTIONS

## 2.6 LIMITATIONS

## 3 EXECUTIVE SUMMARY

### FIGURE 14 AUTOMOTIVE MOTORS MARKET: MARKET OVERVIEW

### FIGURE 15 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (USD BILLION)

### FIGURE 16 PASSENGER CARS EXPECTED TO BE LARGEST SEGMENT OF ICE VEHICLE AUTOMOTIVE MOTORS MARKET DURING FORECAST PERIOD (2022–2027)

## 4 PREMIUM INSIGHTS

### 4.1 ATTRACTIVE OPPORTUNITIES IN AUTOMOTIVE MOTORS MARKET

### FIGURE 17 INCREASING DEMAND FOR VEHICLE SAFETY AND COMFORT TO DRIVE MARKET

### 4.2 AUTOMOTIVE MOTORS MARKET GROWTH RATE, BY REGION

### FIGURE 18 ASIA PACIFIC TO REGISTER LARGEST MARKET DURING FORECAST PERIOD

### 4.3 AUTOMOTIVE MOTORS MARKET, BY FUNCTION (ICE VEHICLE)

### FIGURE 19 MOTORS FOR PERFORMANCE TO HAVE HIGHEST GROWTH, BY

FUNCTION, FOR ICE VEHICLES (2022–2027)

4.4 AUTOMOTIVE MOTORS MARKET, BY FUNCTION (ELECTRIC VEHICLE)

FIGURE 20 MOTORS FOR COMFORT SEGMENT TO GROW AT FASTER RATE (2022–2027)

4.5 AUTOMOTIVE MOTORS MARKET, BY MOTOR TYPE

FIGURE 21 STEPPER MOTORS FOR ICE VEHICLES TO BECOME FASTEST SUBSEGMENT DURING FORECAST PERIOD (2022–2027)

4.6 AUTOMOTIVE MOTORS MARKET, BY VEHICLE TYPE

FIGURE 22 PASSENGER CARS TO LEAD MARKET DURING FORECAST PERIOD (2022–2027)

4.7 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE

FIGURE 23 BEV SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD (2022–2027)

4.8 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE

FIGURE 24 TRACTION MOTORS TO DOMINATE MARKET BY VALUE DURING FORECAST PERIOD (2022–2027)

4.9 AUTOMOTIVE MOTORS MARKET, BY APPLICATION

FIGURE 25 ELECTRIC POWER STEERING MOTOR TO ACQUIRE LARGEST MARKET SHARE DURING FORECAST PERIOD (2022–2027)

## **5 MARKET OVERVIEW**

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 26 AUTOMOTIVE MOTOR MARKET: MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Focus on comfort in automobiles to increase demand for motors for leisure applications

FIGURE 27 EVER-INCREASING USE OF MOTORS AND RELATED COMPONENTS IN CARS

5.2.1.2 Rising demand for safety systems to boost automotive motors market

FIGURE 28 ACTIVE SAFETY SYSTEMS IN AUTOMOBILES

5.2.1.3 Growing demand for advanced automotive systems for greater fuel efficiency in ICE vehicles

FIGURE 29 IDLE FUEL CONSUMPTION (USE WHEN NO LOAD), BY VEHICLE TYPE & FUEL TYPE

5.2.1.4 Shift to electric vehicles to increase demand for automotive motors

FIGURE 30 EV SALES OVER YEARS (THOUSAND UNITS)

5.2.1.5 Revival of automotive industry to support market growth

**FIGURE 31 WORLDWIDE AUTOMOBILE PRODUCTION AND SALES****5.2.2 RESTRAINTS**

5.2.2.1 Automobiles with advanced features (using more motors) to be heavier and more expensive than basic models

5.2.2.2 Rising fuel prices to result in slower growth in ICE automotive market

**FIGURE 32 AVERAGE GLOBAL PETROL PRICES****5.2.3 OPPORTUNITIES**

5.2.3.1 Electrification of commercial vehicles

**TABLE 9 GOVERNMENT PROGRAMS FOR PROMOTION OF ELECTRIC COMMERCIAL VEHICLE SALES**

5.2.3.2 Growing demand for luxury vehicles to present growth opportunities

**FIGURE 33 GLOBAL LUXURY AUTOMOBILE PRODUCTION OF KEY OEMS (THOUSAND UNITS)**

5.2.3.3 In-wheel motors to provide new opportunities for market growth

**FIGURE 34 PARTS OF IN-WHEEL MOTOR SYSTEM****5.2.4 CHALLENGES**

5.2.4.1 Fluctuating prices of raw materials to pose challenge to market

**FIGURE 35 RAW MATERIAL PRICE CHANGES OVER YEARS****TABLE 10 AUTOMOTIVE MOTORS MARKET: IMPACT OF MARKET DYNAMICS****5.3 PORTER'S FIVE FORCES****FIGURE 36 PORTER'S FIVE FORCES: AUTOMOTIVE MOTORS MARKET****TABLE 11 PORTER'S FIVE FORCES ANALYSIS**

5.3.1 THREAT OF NEW ENTRANTS

5.3.2 THREAT OF SUBSTITUTES

5.3.3 BARGAINING POWER OF SUPPLIERS

5.3.4 BARGAINING POWER OF BUYERS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

**5.4 VALUE CHAIN ANALYSIS****FIGURE 37 AUTOMOTIVE MOTORS MARKET: SUPPLY CHAIN ANALYSIS****5.5 AUTOMOTIVE MOTORS MARKET ECOSYSTEM****FIGURE 38 AUTOMOTIVE MOTORS MARKET: ECOSYSTEM ANALYSIS**

5.5.1 TIER II SUPPLIERS

5.5.2 TIER I SUPPLIERS

5.5.3 OEMS

5.5.4 END USERS

**TABLE 12 AUTOMOTIVE MOTORS MARKET: ROLE OF COMPANIES IN ECOSYSTEM****5.6 AUTOMOTIVE MOTORS MARKET PRICING ANALYSIS****TABLE 13 AUTOMOTIVE MOTORS MARKET: AVERAGE PRICE RANGE OF**

MOTORS (USD), 2021

5.7 TECHNOLOGY ANALYSIS

5.7.1 INTRODUCTION

5.7.2 HIGH-POWER ELECTRIC MOTORS

FIGURE 39 48 VOLT ELECTRIFICATIONS

5.7.3 INDUCTION MOTORS

FIGURE 40 INDUCTION MOTOR

5.7.4 IOT IN AUTOMOTIVE MOTOR SYSTEMS

5.8 CASE STUDY

5.8.1 INTELLIGENT MOTORS EQUIPPED WITH MICROCOMPUTERS

5.8.2 DEVELOPMENT OF COMMERCIAL VEHICLE E-AXLE SYSTEM BASED ON NVH PERFORMANCE OPTIMIZATION

5.9 KEY STAKEHOLDERS & BUYING CRITERIA

5.9.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 41 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP FUNCTION TYPES

TABLE 14 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP MOTOR COMPONENTS (%)

5.9.2 BUYING CRITERIA

FIGURE 42 KEY BUYING CRITERIA FOR TOP MOTOR COMPONENTS

TABLE 15 KEY BUYING CRITERIA FOR TOP MOTOR COMPONENTS

5.10 PATENT ANALYSIS

5.10.1 INTRODUCTION

TABLE 16 PUBLICATION TRENDS (UP TO 2021)

TABLE 17 IMPORTANT PATENT REGISTRATIONS RELATED TO AUTOMOTIVE MOTORS MARKET

5.11 TRENDS AND DISRUPTIONS IN AUTOMOTIVE MOTORS MARKET

FIGURE 43 TRENDS AND DISRUPTIONS IN AUTOMOTIVE MOTORS MARKET

5.12 TRADE ANALYSIS

TABLE 18 TRADE ANALYSIS: AUTOMOTIVE MOTORS MARKET (USD MILLION), 2021

5.13 REGULATORY OVERVIEW

5.13.1 NORTH AMERICA

TABLE 19 FTP TIER III EMISSION LIMITATIONS

5.13.2 EUROPE

TABLE 20 EURO 6 EMISSION LIMITATIONS

5.13.3 ASIA PACIFIC

TABLE 21 CHINA 6A EMISSION LIMITATIONS

TABLE 22 BHARAT VI EMISSION LIMITATIONS



#### 5.13.4 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS, BY REGION

TABLE 23 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 24 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 25 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

#### 5.14 AUTOMOTIVE MOTORS MARKET, SCENARIOS (2020–2027)

FIGURE 44 AUTOMOTIVE MOTORS MARKET– FUTURE TRENDS & SCENARIO, 2022–2027 (USD MILLION)

##### 5.14.1 MOST LIKELY SCENARIO

TABLE 26 AUTOMOTIVE MOTORS MARKET: MOST LIKELY SCENARIO, BY REGION, 2022–2027 (USD MILLION)

##### 5.14.2 OPTIMISTIC SCENARIO

TABLE 27 AUTOMOTIVE MOTORS MARKET: OPTIMISTIC SCENARIO, BY REGION, 2022–2027 (USD MILLION)

##### 5.14.3 PESSIMISTIC SCENARIO

TABLE 28 AUTOMOTIVE MOTORS MARKET: PESSIMISTIC SCENARIO, BY REGION, 2022–2027 (USD MILLION)

## **6 AUTOMOTIVE MOTORS MARKET, BY FUNCTION FOR ICE VEHICLE**

### 6.1 INTRODUCTION

FIGURE 45 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY FUNCTION, 2022-2027 (USD MILLION)

TABLE 29 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY FUNCTION, 2018–2021 (MILLION UNITS)

TABLE 30 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY FUNCTION, 2022–2027 (MILLION UNITS)

TABLE 31 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY FUNCTION, 2018–2021 (USD MILLION)

TABLE 32 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY FUNCTION, 2022–2027 (USD MILLION)

#### 6.1.1 OPERATIONAL DATA

TABLE 33 LEADING MANUFACTURERS OF AUTOMOTIVE MOTORS FOR ICE VEHICLES, BY FUNCTION

#### 6.1.2 ASSUMPTIONS

TABLE 34 ASSUMPTIONS: BY FUNCTION (ICE VEHICLE)

### 6.1.3 RESEARCH METHODOLOGY

## 6.2 PERFORMANCE MOTORS

### 6.2.1 CORE USAGE OF PERFORMANCE MOTORS IN AUTOMOBILES TO DRIVE DEMAND

TABLE 35 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 36 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 37 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 38 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

## 6.3 COMFORT MOTORS

### 6.3.1 NEED FOR BEST-IN-CLASS CONVENIENCE FEATURES IN AUTOMOBILES TO FUEL DEMAND FOR COMFORT MOTORS

TABLE 39 AUTOMOTIVE COMFORT MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 40 AUTOMOTIVE COMFORT MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 41 AUTOMOTIVE COMFORT MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 42 AUTOMOTIVE COMFORT MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

## 6.4 SAFETY MOTORS

### 6.4.1 MANDATES FOR SAFETY FEATURES IN PASSENGER AND COMMERCIAL VEHICLES TO INCREASE DEMAND

TABLE 43 AUTOMOTIVE SAFETY MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 44 AUTOMOTIVE SAFETY MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 45 AUTOMOTIVE SAFETY MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 46 AUTOMOTIVE SAFETY MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

## 6.5 KEY PRIMARY INSIGHTS

# 7 AUTOMOTIVE MOTORS MARKET, BY FUNCTION FOR ELECTRIC VEHICLE

## 7.1 INTRODUCTION

FIGURE 46 AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY FUNCTION, 2022-2027 (USD MILLION)

TABLE 47 AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY FUNCTION, 2018–2021 (MILLION UNITS)

TABLE 48 AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY FUNCTION, 2022–2027 (MILLION UNITS)

TABLE 49 AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY FUNCTION, 2018–2021 (USD MILLION)

TABLE 50 AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY FUNCTION, 2022–2027 (USD MILLION)

#### 7.1.1 OPERATIONAL DATA

TABLE 51 LEADING MANUFACTURERS OF AUTOMOTIVE MOTORS FOR ELECTRIC VEHICLES BY FUNCTION

#### 7.1.2 ASSUMPTIONS

TABLE 52 ASSUMPTIONS: BY FUNCTION (ELECTRIC VEHICLE)

#### 7.1.3 RESEARCH METHODOLOGY

### 7.2 PERFORMANCE MOTORS

7.2.1 SHIFT TO EVS AND USE OF MULTIPLE TRACTION MOTORS TO RAISE DEMAND FOR PERFORMANCE MOTORS

TABLE 53 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 54 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 55 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 56 AUTOMOTIVE PERFORMANCE MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2022–2027 (USD MILLION)

### 7.3 COMFORT MOTORS

7.3.1 HIGH DEMAND FOR COMFORT FEATURES IN MID-PRICED AND PREMIUM EVS TO BOOST MARKET

TABLE 57 AUTOMOTIVE COMFORT MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 58 AUTOMOTIVE COMFORT MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 59 AUTOMOTIVE COMFORT MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 60 AUTOMOTIVE COMFORT MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2022–2027 (USD MILLION)

### 7.4 SAFETY MOTORS

#### 7.4.1 SAFETY REGULATIONS FOR NEW ELECTRIC PASSENGER CARS TO PUSH MARKET GROWTH

TABLE 61 AUTOMOTIVE SAFETY MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 62 AUTOMOTIVE SAFETY MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 63 AUTOMOTIVE SAFETY MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 64 AUTOMOTIVE SAFETY MOTORS MARKET FOR ELECTRIC VEHICLES, BY REGION, 2022–2027 (USD MILLION)

#### 7.5 KEY PRIMARY INSIGHTS

### **8 AUTOMOTIVE MOTORS MARKET, BY APPLICATION**

#### 8.1 INTRODUCTION

FIGURE 47 AUTOMOTIVE MOTORS MARKET, BY APPLICATION, 2022-2027 (USD MILLION)

TABLE 65 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY APPLICATION, 2018–2021 (MILLION UNITS)

TABLE 66 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY APPLICATION, 2022–2027 (MILLION UNITS)

TABLE 67 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 68 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY APPLICATION, 2022–2027 (USD MILLION)

##### 8.1.1 OPERATIONAL DATA

TABLE 69 LEADING MANUFACTURERS OF AUTOMOTIVE MOTORS FOR ELECTRIC VEHICLES, BY APPLICATION

##### 8.1.2 ASSUMPTIONS

TABLE 70 ASSUMPTIONS: BY APPLICATION

##### 8.1.3 RESEARCH METHODOLOGY

#### 8.2 ELECTRIC WATER PUMPS

#### 8.3 RADIATOR COOLING FANS

#### 8.4 ELECTRONIC THROTTLE VALVE CONTROL

#### 8.5 ELECTRONIC VARIABLE GEAR RATIO

#### 8.6 ELECTRIC VARIABLE VALVE TIMING

#### 8.7 VARIABLE NOZZLE TURBOS

#### 8.8 ADJUSTABLE PEDALS

#### 8.9 ELECTRIC POWER STEERING

- 8.10 WINDSHIELD WIPERS
- 8.11 STARTERS
- 8.12 EGR
- 8.13 FUEL PUMPS
- 8.14 POWER ANTENNAS
- 8.15 AIR CONDITIONERS
- 8.16 DOOR MIRRORS
- 8.17 POWER WINDOWS
- 8.18 TILT STEERING
- 8.19 BLOWERS
- 8.20 POWER SEATS
- 8.21 SUNROOF
- 8.22 DOOR CLOSERS
- 8.23 CRUISE CONTROL
- 8.24 ADAPTIVE FRONT LIGHTS
- 8.25 ELECTRONIC STABILITY CONTROL
- 8.26 ABS
- 8.27 ELECTRONIC PARKING BRAKES

## **9 AUTOMOTIVE MOTORS MARKET, BY ICE MOTOR TYPE**

### 9.1 INTRODUCTION

FIGURE 48 AUTOMOTIVE MOTORS MARKET, BY ICE MOTOR TYPE, 2022-2027  
(USD MILLION)

TABLE 71 AUTOMOTIVE MOTORS MARKET ICE VEHICLES, BY MOTOR TYPE,  
2018–2021 (MILLION UNITS)

TABLE 72 AUTOMOTIVE MOTORS MARKET ICE VEHICLES, BY MOTOR TYPE,  
2022–2027 (MILLION UNITS)

TABLE 73 AUTOMOTIVE MOTORS MARKET ICE VEHICLES, BY MOTOR TYPE,  
2018–2021 (USD MILLION)

TABLE 74 AUTOMOTIVE MOTORS MARKET ICE VEHICLES, BY MOTOR TYPE,  
2022–2027 (USD MILLION)

#### 9.1.1 OPERATIONAL DATA

TABLE 75 LEADING MANUFACTURERS OF AUTOMOTIVE MOTORS FOR ICE  
VEHICLES BY MOTOR TYPE

#### 9.1.2 ASSUMPTIONS

TABLE 76 ASSUMPTIONS: BY MOTOR TYPE

#### 9.1.3 RESEARCH METHODOLOGY

### 9.2 BRUSHED MOTORS

### 9.2.1 EASE OF USE AND FASTER OPERATIONS TO FUEL DEMAND FOR BRUSHED MOTORS

TABLE 77 AUTOMOTIVE BRUSHED MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 78 AUTOMOTIVE BRUSHED MOTORS MARKET ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 79 AUTOMOTIVE BRUSHED MOTORS MARKET ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 80 AUTOMOTIVE BRUSHED MOTORS MARKET ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

### 9.3 BRUSHLESS MOTORS

#### 9.3.1 LARGE APPLICATION RANGE TO PUSH DEMAND FOR BRUSHLESS MOTORS

TABLE 81 AUTOMOTIVE BRUSHLESS MOTORS MARKET ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 82 AUTOMOTIVE BRUSHLESS MOTORS MARKET ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 83 AUTOMOTIVE BRUSHLESS MOTORS MARKET ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 84 AUTOMOTIVE BRUSHLESS MOTORS MARKET ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

### 9.4 STEPPER MOTORS

#### 9.4.1 COST-EFFECTIVE MODELS TO ACCELERATE DEMAND FOR STEPPER MOTORS

TABLE 85 AUTOMOTIVE STEPPER MOTORS MARKET ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 86 AUTOMOTIVE STEPPER MOTORS MARKET ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 87 AUTOMOTIVE STEPPER MOTORS MARKET ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 88 AUTOMOTIVE STEPPER MOTORS MARKET ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

### 9.5 KEY PRIMARY INSIGHTS

## 10 AUTOMOTIVE MOTORS MARKET, BY VEHICLE TYPE

### 10.1 INTRODUCTION

FIGURE 49 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022-2027 (USD MILLION)

TABLE 89 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 90 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 91 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 92 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLE, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

#### 10.1.1 OPERATIONAL DATA

TABLE 93 LEADING COMPONENT PROVIDERS AND MOTORS PROVIDED BY VEHICLE TYPE FOR ICE VEHICLE

#### 10.1.2 ASSUMPTIONS

TABLE 94 ASSUMPTIONS: BY VEHICLE TYPE FOR ICE VEHICLE

#### 10.1.3 RESEARCH METHODOLOGY

### 10.2 PASSENGER CARS

10.2.1 INCREASING SPENDING POWER FOR COMFORT AND SAFETY TO RAISE SEGMENT DEMAND

TABLE 95 PASSENGER CAR MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 96 PASSENGER CAR MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 97 PASSENGER CAR MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 98 PASSENGER CAR MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2022–2027 (USD MILLION)

### 10.3 LIGHT COMMERCIAL VEHICLES

#### 10.3.1 DEMAND FOR LAST-MILE DELIVERY TO BOOST SEGMENT GROWTH

TABLE 99 LCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 100 LCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 101 LCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 102 LCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2022–2027 (USD MILLION)

### 10.4 HEAVY COMMERCIAL VEHICLES

10.4.1 FOCUS ON SAFER AND EFFICIENT BUSES AND TRUCKS TO WITNESS INCREASED DEMAND

TABLE 103 HCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2018–2021

(MILLION UNITS)

TABLE 104 HCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2022–2027

(MILLION UNITS)

TABLE 105 HCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2018–2021

(USD MILLION)

TABLE 106 HCV MOTORS MARKET FOR ICE VEHICLE, BY REGION, 2022–2027

(USD MILLION)

10.5 KEY PRIMARY INSIGHTS

## **11 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE**

### 11.1 INTRODUCTION

FIGURE 50 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE, 2022-2027 (USD MILLION)

TABLE 107 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 108 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 109 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 110 AUTOMOTIVE MOTORS MARKET, BY ELECTRIC VEHICLE TYPE, 2022–2027 (USD MILLION)

#### 11.1.1 OPERATIONAL DATA

TABLE 111 LEADING COMPONENT PROVIDERS AND MOTORS PROVIDED BY ELECTRIC VEHICLE TYPE

#### 11.1.2 ASSUMPTIONS

TABLE 112 ASSUMPTIONS: BY ELECTRIC VEHICLE TYPE

#### 11.1.3 RESEARCH METHODOLOGY

### 11.2 BEV

11.2.1 PLANS FOR PHASING OUT ICE VEHICLES BY TOP COUNTRIES TO INCREASE DEMAND FOR ELECTRIC VEHICLE MOTORS

TABLE 113 BEV MOTORS MARKET, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 114 BEV MOTORS MARKET, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 115 BEV MOTORS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 116 BEV MOTORS MARKET, BY REGION, 2022–2027 (USD MILLION)

### 11.3 HEV

#### 11.3.1 STRICT EMISSION LAWS TO PROPEL DEMAND FOR SEGMENT

TABLE 117 HEV MOTORS MARKET, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 118 HEV MOTORS MARKET, BY REGION, 2022–2027 (MILLION UNITS)



TABLE 119 HEV MOTORS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 120 HEV MOTORS MARKET, BY REGION, 2022–2027 (USD MILLION)

#### 11.4 PHEV

##### 11.4.1 SUBSTANTIAL GOVERNMENT INCENTIVES TO FUEL PHEV SALES

TABLE 121 PHEV MOTORS MARKET, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 122 PHEV MOTORS MARKET, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 123 PHEV MOTORS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 124 PHEV MOTORS MARKET, BY REGION, 2022–2027 (USD MILLION)

#### 11.5 FCEV

#### 11.6 KEY PRIMARY INSIGHTS

## **12 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE**

### 12.1 INTRODUCTION

FIGURE 51 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE, 2022-2027 (USD MILLION)

TABLE 125 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE, 2018–2021 (MILLION UNITS)

TABLE 126 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE, 2022–2027 (MILLION UNITS)

TABLE 127 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE, 2018–2021 (USD MILLION)

TABLE 128 AUTOMOTIVE MOTORS MARKET, BY EV MOTOR TYPE, 2022–2027 (USD MILLION)

#### 12.1.1 OPERATIONAL DATA

TABLE 129 LEADING MANUFACTURERS OF AUTOMOTIVE MOTORS FOR VEHICLES BY EV MOTOR TYPE

#### 12.1.2 ASSUMPTIONS

TABLE 130 ASSUMPTIONS: BY EV MOTOR TYPE

#### 12.1.3 RESEARCH METHODOLOGY

### 12.2 TRACTION MOTORS

12.2.1 GROWING DEMAND FOR BEVS TO PUSH DEMAND FOR TRACTION MOTORS

TABLE 131 AUTOMOTIVE TRACTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 132 AUTOMOTIVE TRACTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 133 AUTOMOTIVE TRACTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 134 AUTOMOTIVE TRACTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (USD MILLION)

### 12.3 BRUSHED MOTORS

12.3.1 GROWING NEED FOR EGR DRIVES TO LEAD TO INCREASED SEGMENT DEMAND

TABLE 135 AUTOMOTIVE BRUSHED MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 136 AUTOMOTIVE BRUSHED MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 137 AUTOMOTIVE BRUSHED MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 138 AUTOMOTIVE BRUSHED MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (USD MILLION)

### 12.4 BRUSHLESS MOTORS

12.4.1 HIGH EFFICIENCY AND LOW MAINTENANCE COSTS TO EXTEND DEMAND FOR BRUSHLESS MOTORS

TABLE 139 AUTOMOTIVE BRUSHLESS MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 140 AUTOMOTIVE BRUSHLESS MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 141 AUTOMOTIVE BRUSHLESS MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 142 AUTOMOTIVE BRUSHLESS MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (USD MILLION)

### 12.5 STEPPER MOTORS

12.5.1 USE OF STEPPER MOTORS IN WINDSHIELD WIPERS TO ACCELERATE DEMAND FOR STEPPER MOTORS

TABLE 143 AUTOMOTIVE STEPPER MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 144 AUTOMOTIVE STEPPER MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 145 AUTOMOTIVE STEPPER MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 146 AUTOMOTIVE STEPPER MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (USD MILLION)

### 12.6 INDUCTION MOTORS

12.6.1 SIMPLE CONSTRUCTION AND LOW COST TO DRIVE DEMAND FOR INDUCTION MOTORS

TABLE 147 AUTOMOTIVE INDUCTION MOTORS MARKET FOR ELECTRIC

VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 148 AUTOMOTIVE INDUCTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 149 AUTOMOTIVE INDUCTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 150 AUTOMOTIVE INDUCTION MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (USD MILLION)

## 12.7 OTHER MOTORS

12.7.1 HIGH POWER APPLICATIONS IN AUTOMOBILES TO RAISE DEMAND FOR OTHER MOTORS

TABLE 151 OTHER AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 152 OTHER AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 153 OTHER AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2018–2021 (USD MILLION)

TABLE 154 OTHER AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLE, BY REGION, 2022–2027 (USD MILLION)

## 12.8 KEY PRIMARY INSIGHTS

# 13 AUTOMOTIVE MOTORS MARKET, BY REGION

## 13.1 INTRODUCTION

FIGURE 52 AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022-2027 (USD MILLION)

TABLE 155 GLOBAL AUTOMOTIVE MOTORS MARKET (ICE+EV), BY REGION, 2018–2021 (MILLION UNITS)

TABLE 156 GLOBAL AUTOMOTIVE MOTORS MARKET (ICE+EV), BY REGION, 2022–2027 (MILLION UNITS)

TABLE 157 GLOBAL AUTOMOTIVE MOTORS MARKET (ICE+EV), BY REGION, 2018–2021 (USD MILLION)

TABLE 158 GLOBAL AUTOMOTIVE MOTORS MARKET (ICE+EV), BY REGION, 2022–2027 (USD MILLION)

TABLE 159 GLOBAL AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (MILLION UNITS)

TABLE 160 GLOBAL AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (MILLION UNITS)

TABLE 161 GLOBAL AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 162 GLOBAL AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY REGION, 2022–2027 (USD MILLION)

### 13.2 ASIA PACIFIC

FIGURE 53 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES SNAPSHOT

TABLE 163 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 164 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 165 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 166 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 167 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 168 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 169 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 170 ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

#### 13.2.1 CHINA

13.2.1.1 High automobile production and low cost of manufacturing to benefit market in China

TABLE 171 CHINA: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 172 CHINA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 173 CHINA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 174 CHINA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 175 CHINA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

#### 13.2.2 INDIA

13.2.2.1 Rapid urbanization and improved living standards to increase demand for automotive motors

TABLE 176 INDIA: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 177 INDIA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 178 INDIA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 179 INDIA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 180 INDIA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.2.3 JAPAN

13.2.3.1 Standardization of safety features by Japanese OEMs to facilitate growth opportunities in market

TABLE 181 JAPAN: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 182 JAPAN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 183 JAPAN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 184 JAPAN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 185 JAPAN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.2.4 SOUTH KOREA

13.2.4.1 Increasing demand for passenger cars to help market grow in South Korea

TABLE 186 SOUTH KOREA: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 187 SOUTH KOREA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 188 SOUTH KOREA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 189 SOUTH KOREA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 190 SOUTH KOREA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.2.5 REST OF ASIA PACIFIC

13.2.5.1 Emerging countries to witness maximum growth

TABLE 191 REST OF ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 192 REST OF ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 193 REST OF ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 194 REST OF ASIA PACIFIC: AUTOMOTIVE MOTORS MARKET FOR ICE

VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.3 EUROPE

FIGURE 54 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, 2022-2027 (USD MILLION)

TABLE 195 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 196 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 197 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 198 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 199 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 200 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 201 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 202 EUROPE: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

#### 13.3.1 FRANCE

13.3.1.1 Growing demand for premium cars segment to amplify market

TABLE 203 FRANCE: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 204 FRANCE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 205 FRANCE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 206 FRANCE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 207 FRANCE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

#### 13.3.2 GERMANY

13.3.2.1 Presence of major component manufacturers and OEMs to promote market growth in Germany

TABLE 208 GERMANY: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 209 GERMANY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 210 GERMANY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 211 GERMANY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 212 GERMANY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.3.3 SPAIN

13.3.3.1 Increasing demand for safety and comfort features in automobiles to optimize market demand

TABLE 213 SPAIN: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 214 SPAIN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 215 SPAIN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 216 SPAIN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 217 SPAIN: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.3.4 ITALY

13.3.4.1 Requirement of safety features in vehicles to aid market demand in Italy

TABLE 218 ITALY: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 219 ITALY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 220 ITALY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 221 ITALY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 222 ITALY: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.3.5 UK

13.3.5.1 Demand for premium passenger cars to propel UK market

TABLE 223 UK: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 224 UK: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 225 UK: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 226 UK: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 227 UK: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.3.6 REST OF EUROPE

#### 13.3.6.1 Stringent regulations for pollution control to help expand market

TABLE 228 REST OF EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 229 REST OF EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 230 REST OF EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 231 REST OF EUROPE: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.4 NORTH AMERICA

FIGURE 55 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES SNAPSHOT

TABLE 232 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 233 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 234 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 235 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 236 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 237 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 238 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 239 NORTH AMERICA: AUTOMOTIVE MOTORS MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

#### 13.4.1 CANADA

13.4.1.1 Presence of top component manufacturers to assist market growth in Canada

TABLE 240 CANADA: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 241 CANADA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 242 CANADA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 243 CANADA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 244 CANADA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY



## VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.4.2 MEXICO

13.4.2.1 Stringent emission norms and rising disposable incomes to help market grow

TABLE 245 MEXICO: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 246 MEXICO: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 247 MEXICO: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 248 MEXICO: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 249 MEXICO: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.4.3 US

13.4.3.1 Adoption of premium passenger cars to increase demand in US

TABLE 250 US: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 251 US: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 252 US: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 253 US: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 254 US: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

## 13.5 REST OF THE WORLD

FIGURE 56 REST OF THE WORLD: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022-2027 (USD MILLION)

TABLE 255 REST OF THE WORLD: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (MILLION UNITS)

TABLE 256 REST OF THE WORLD: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (MILLION UNITS)

TABLE 257 REST OF THE WORLD: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 258 REST OF THE WORLD: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY COUNTRY, 2022–2027 (USD MILLION)

### 13.5.1 BRAZIL

13.5.1.1 Low cost of labor and demand for passenger cars to expedite market growth in Brazil

TABLE 259 BRAZIL: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 260 BRAZIL: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 261 BRAZIL: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 262 BRAZIL: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 263 BRAZIL: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.5.2 SOUTH AFRICA

13.5.2.1 Growing demand for fuel-efficient automobiles to drive South African market

TABLE 264 SOUTH AFRICA: ICE VEHICLE PRODUCTION DATA (THOUSAND UNITS)

TABLE 265 SOUTH AFRICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 266 SOUTH AFRICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 267 SOUTH AFRICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 268 SOUTH AFRICA: AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

### 13.5.3 OTHERS

13.5.3.1 New investments by major automotive players to strengthen market

TABLE 269 OTHERS (REST OF THE WORLD): AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (MILLION UNITS)

TABLE 270 OTHERS (REST OF THE WORLD): AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (MILLION UNITS)

TABLE 271 OTHERS (REST OF THE WORLD): AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2018–2021 (USD MILLION)

TABLE 272 OTHERS (REST OF THE WORLD): AUTOMOTIVE MOTORS MARKET FOR ICE VEHICLES, BY VEHICLE TYPE, 2022–2027 (USD MILLION)

## 14 COMPETITIVE LANDSCAPE

### 14.1 OVERVIEW

#### 14.2 MARKET SHARE ANALYSIS FOR AUTOMOTIVE MOTORS MARKET

TABLE 273 MARKET SHARE ANALYSIS, 2021

FIGURE 57 MARKET SHARE ANALYSIS, 2021

#### 14.3 REVENUE ANALYSIS OF TOP 5 PLAYERS

FIGURE 58 TOP PLAYERS DOMINATING AUTOMOTIVE MOTORS MARKET

## DURING LAST 5 YEARS

### 14.4 COMPETITIVE SCENARIO

#### 14.4.1 DEALS, 2019–2022

##### TABLE 274 DEALS, 2019–2022

#### 14.4.2 NEW PRODUCT LAUNCHES, 2019–2022

##### TABLE 275 NEW PRODUCT LAUNCHES, 2019-2022

#### 14.4.3 OTHERS, 2019–2022

##### TABLE 276 OTHERS, 2019-2022

### 14.5 COMPANY EVALUATION QUADRANT FOR AUTOMOTIVE MOTORS MARKET

#### 14.5.1 STARS

#### 14.5.2 EMERGING LEADERS

#### 14.5.3 PERVASIVE PLAYERS

#### 14.5.4 EMERGING COMPANIES

##### FIGURE 59 AUTOMOTIVE MOTORS MARKET: COMPANY EVALUATION QUADRANT, 2021

#### 14.5.5 AUTOMOTIVE MOTORS MARKET: COMPANY FOOTPRINT, 2021

#### 14.5.6 AUTOMOTIVE MOTORS MARKET: APPLICATION FOOTPRINT, 2021

#### 14.5.7 AUTOMOTIVE MOTORS MARKET: REGIONAL FOOTPRINT, 2021

### 14.6 COMPETITIVE EVALUATION QUADRANT, SME PLAYERS

#### 14.6.1 PROGRESSIVE COMPANIES

#### 14.6.2 RESPONSIVE COMPANIES

#### 14.6.3 DYNAMIC COMPANIES

#### 14.6.4 STARTING BLOCKS

##### FIGURE 60 AUTOMOTIVE MOTORS MARKET: COMPETITIVE LEADERSHIP MAPPING SME, 2021

### 14.7 RIGHT TO WIN, 2019-2022

##### TABLE 277 RIGHT TO WIN, 2019-2022

## 15 COMPANY PROFILES

### 15.1 KEY PLAYERS

(Business overview, Products offered, Recent Developments, MNM view)\*

#### 15.1.1 BOSCH

##### TABLE 278 BOSCH: BUSINESS OVERVIEW

##### FIGURE 61 BOSCH: COMPANY SNAPSHOT

##### TABLE 279 BOSCH: HISTORICAL PERFORMANCE (USD MILLION)

##### TABLE 280 BOSCH: PRODUCTS OFFERED

##### TABLE 281 BOSCH: NEW PRODUCT LAUNCHES

##### TABLE 282 BOSCH: DEALS

## TABLE 283 BOSCH: OTHERS

## 15.1.2 DENSO

TABLE 284 DENSO: BUSINESS OVERVIEW

FIGURE 62 DENSO: COMPANY SNAPSHOT

TABLE 285 DENSO: COMPONENTS AVAILABLE

TABLE 286 DENSO: PRODUCTS OFFERED

TABLE 287 DENSO: NEW PRODUCT LAUNCHES

TABLE 288 DENSO: DEALS

## 15.1.3 BORGWARNER

TABLE 289 BORGWARNER: BUSINESS OVERVIEW

FIGURE 63 BORGWARNER: COMPANY SNAPSHOT

FIGURE 64 BORGWARNER: EV-RELATED ACQUISITIONS

TABLE 290 BORGWARNER: PRODUCTS OFFERED

TABLE 291 BORGWARNER: NEW PRODUCT LAUNCHES

TABLE 292 BORGWARNER: DEALS

TABLE 293 BORGWARNER: OTHERS

## 15.1.4 ZF GROUP

TABLE 294 ZF GROUP: BUSINESS OVERVIEW

FIGURE 65 ZF GROUP: COMPANY SNAPSHOT

TABLE 295 ZF GROUP: SALES BY SEGMENT

TABLE 296 ZF GROUP: BUSINESS UNITS BY DIVISION

TABLE 297 ZF GROUP: PRODUCTS OFFERED

TABLE 298 ZF GROUP: NEW PRODUCT LAUNCHES

TABLE 299 ZF GROUP: DEALS

TABLE 300 ZF GROUP: OTHERS

## 15.1.5 CONTINENTAL AG

TABLE 301 CONTINENTAL AG: BUSINESS OVERVIEW

FIGURE 66 CONTINENTAL AG: COMPANY SNAPSHOT

TABLE 302 CONTINENTAL AG: GROUP SECTORS AND THEIR BUSINESS AREAS

TABLE 303 CONTINENTAL AG: PRODUCTS OFFERED

TABLE 304 CONTINENTAL AG: NEW PRODUCT LAUNCHES

TABLE 305 CONTINENTAL AG: DEALS

## 15.1.6 NIDEC CORPORATION

TABLE 306 NIDEC CORPORATION: BUSINESS OVERVIEW

FIGURE 67 NIDEC CORPORATION: COMPANY SNAPSHOT

TABLE 307 NIDEC CORPORATION: PRODUCTION UNITS

TABLE 308 NIDEC: SALES BY PRODUCT (USD MILLION)

TABLE 309 NIDEC: PRODUCTS OFFERED

TABLE 310 NIDEC: NEW PRODUCT LAUNCHES

TABLE 311 NIDEC: DEALS

TABLE 312 NIDEC: OTHERS

15.1.7 AISIN CORPORATION

TABLE 313 AISIN CORPORATION: BUSINESS OVERVIEW

FIGURE 68 AISIN CORPORATION: COMPANY SNAPSHOT

TABLE 314 AISIN CORPORATION: PRODUCTS PER BUSINESS SEGMENT  
(ACCORDING TO PRODUCT CLASSIFICATION)

TABLE 315 AISIN CORPORATION: PRODUCTS OFFERED

TABLE 316 AISIN CORPORATION: NEW PRODUCT LAUNCHES

TABLE 317 AISIN CORPORATION: DEALS

TABLE 318 AISIN CORPORATION: OTHERS

15.1.8 MAGNA INTERNATIONAL

TABLE 319 MAGNA INTERNATIONAL: BUSINESS OVERVIEW

FIGURE 69 MAGNA INTERNATIONAL: COMPANY SNAPSHOT

FIGURE 70 MAGNA INTERNATIONAL: SALES BREAKDOWN (HISTORICAL VS.  
PLANNED)

TABLE 320 MAGNA INTERNATIONAL: PRODUCTS OFFERED

TABLE 321 MAGNA INTERNATIONAL: NEW PRODUCT LAUNCHES

TABLE 322 MAGNA INTERNATIONAL: DEALS

TABLE 323 MAGNA INTERNATIONAL: OTHERS

15.1.9 MERITOR

TABLE 324 MERITOR: BUSINESS OVERVIEW

FIGURE 71 MERITOR: COMPANY SNAPSHOT

TABLE 325 MERITOR: PRODUCTS OFFERED

TABLE 326 MERITOR: DEALS

15.1.10 JOHNSON ELECTRIC

TABLE 327 JOHNSON ELECTRIC: BUSINESS OVERVIEW

FIGURE 72 JOHNSON ELECTRIC: COMPANY SNAPSHOT

TABLE 328 JOHNSON ELECTRIC: PRODUCTS OFFERED

TABLE 329 JOHNSON ELECTRIC: NEW PRODUCT LAUNCHES

15.1.11 MITSUBISHI ELECTRIC

TABLE 330 MITSUBISHI ELECTRIC: BUSINESS OVERVIEW

FIGURE 73 MITSUBISHI ELECTRIC: COMPANY SNAPSHOT

TABLE 331 MITSUBISHI ELECTRIC: PRODUCTS OFFERED

TABLE 332 MITSUBISHI ELECTRIC: NEW PRODUCT LAUNCHES

TABLE 333 MITSUBISHI ELECTRIC: OTHERS

15.1.12 MAHLE GMBH

TABLE 334 MAHLE GMBH: BUSINESS OVERVIEW

FIGURE 74 MAHLE GMBH: COMPANY SNAPSHOT

TABLE 335 MAHLE GMBH: PRODUCTS OFFERED

TABLE 336 MAHLE GMBH.: NEW PRODUCT LAUNCHES

\*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

15.2 OTHER PLAYERS

15.2.1 MITSUBA CORPORATION

TABLE 337 MITSUBA CORPORATION: BUSINESS OVERVIEW

15.2.2 VALEO

TABLE 338 VALEO: BUSINESS OVERVIEW

15.2.3 MARELLI EUROPE SPA

TABLE 339 MARELLI EUROPE SPA: BUSINESS OVERVIEW

15.2.4 SIEMENS AG

TABLE 340 SIEMENS AG: BUSINESS OVERVIEW

15.2.5 MIKUNI CORPORATION

TABLE 341 MIKUNI CORPORATION: BUSINESS OVERVIEW

15.2.6 GMB CORPORATION

TABLE 342 GMB CORPORATION: BUSINESS OVERVIEW

15.2.7 TOSHIBA

TABLE 343 TOSHIBA: BUSINESS OVERVIEW

15.2.8 INFINEON TECHNOLOGIES

TABLE 344 INFINEON TECHNOLOGIES: BUSINESS OVERVIEW

15.2.9 SCHAEFFLER

TABLE 345 SCHAEFFLER: BUSINESS OVERVIEW

15.2.10 FAULHABER GROUP

TABLE 346 FAULHABER GROUP: BUSINESS OVERVIEW

15.2.11 HELLA

TABLE 347 HELLA: BUSINESS OVERVIEW

15.2.12 CUMMINS

TABLE 348 CUMMINS: BUSINESS OVERVIEW

15.2.13 TI AUTOMOTIVE

TABLE 349 TI AUTOMOTIVE: BUSINESS OVERVIEW

## **16 RECOMMENDATIONS BY MARKET SAND MARKETS**

16.1 ASIA PACIFIC TO BE MAJOR AUTOMOTIVE MOTORS MARKET

16.2 HYBRID ELECTRIC VEHICLES TO BE KEY FOR AUTOMOTIVE MOTORS MARKET IN COMING YEARS

16.3 CONCLUSION

## **17 APPENDIX**

17.1 KEY INSIGHTS FROM INDUSTRY EXPERTS

17.2 DISCUSSION GUIDE

17.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

17.4 AVAILABLE CUSTOMIZATIONS

17.5 RELATED REPORTS

17.6 AUTHOR DETAILS

## I would like to order

Product name: Automotive Motors Market by EV Motor Type (Brushless, Brushed, Traction, Induction, Stepper), ICE Motor Type, Vehicle Type (PC, LCV, HCV), Electric Vehicle Type, Application, Function (Performance, Safety, Comfort) and Region - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/AB9FFC2D3E9EN.html>

Price: US\$ 4,950.00 (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/AB9FFC2D3E9EN.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