Automotive Motors Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> **Industry:** Tires, Components & Aftermarket (Automotive & Transportation)
> **Source:** https://www.mordorintelligence.com/industry-reports/automotive-motors-market
> **Scraped Date:** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 50.01 billion
Projected Forecast (2031)	USD 50.01 billion
Growth Rate (CAGR)	4.75 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

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![Major players in Automotive Motors industry](images/chart_2.png)

![Automotive Motors Market Size](images/chart_3.png)

![Automotive Motors Market Share by Motor Type, 2025](images/chart_4.png)

![Automotive Motors Market Share by Vehicle Type, 2025](images/chart_5.png)

![Automotive Motors Market Growth Rate by Region](images/chart_6.png)

![Automotive Motors Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

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![ESOMAR](images/chart_17.png)

![GPTW](images/chart_19.png)
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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period | 2019 - 2031 |
Market Size (2026) | USD 39.64 Billion |
Market Size (2031) | USD 50.01 Billion |
Growth Rate (2026 - 2031) | 4.75 % |
Fastest Growing Market | Asia Pacific |
Largest Market | Asia Pacific |
Market Concentration | Medium |
Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Automotive Motors Market Analysis by Mordor IntelligenceThe Automotive Motors Market size was valued at USD 37.85 billion in 2025 and is estimated to grow from USD 39.64 billion in 2026 to reach USD 50.01 billion by 2031, at a CAGR of 4.75% during the forecast period (2026-2031). The growing use of electrified auxiliaries, high-power e-axles, and software-defined vehicle platforms is increasing the average motor count per car, while efficiency regulations are pushing brushed designs toward brushless and permanent-magnet topologies. Original equipment manufacturers (OEMs) are localizing motor assembly to comply with regional trade rules, thereby shortening supply chains and sharpening cost competition. Safety regulations mandating automatic emergency braking (AEB) and lane-keeping assist are amplifying demand for stepper motors, even as zone controller architectures seek to consolidate actuator functions. Finally, the proliferation of premium battery-electric vehicles (BEVs) is elevating demand for low-noise brushless direct-current (BLDC) motors, creating new opportunities for suppliers that can balance acoustics, thermal performance, and price.

Key Report Takeaways

* By motor type, BLDC designs led with 43.36% of the automotive motor market share in 2025, while traction motors are projected to advance at a 4.77% CAGR through 2031.
* By application, powertrain accounted for a 47.21% share of the automotive motors market in 2025, and safety systems are growing at a 4.79% CAGR through 2031.
* By vehicle type, passenger cars accounted for 58.38% of 2025 volume and are projected to expand at a 4.85% CAGR through 2031.
* By sales channel, OEM distribution accounted for 83.37% in 2025, while the aftermarket is set to grow at a 4.81% CAGR over the forecast period.
* By geography, Asia-Pacific accounted for 44.57% of revenue in 2025 and is expected to post a 4.87% CAGR through 2031.

Key Market Trends

Global Automotive Motors Market Trends and InsightsDrivers Impact Analysis*

Driver	(~) % Impact on CAGR Forecast	Geographic Relevance	Impact Timeline
Electrification of Auxiliary Systems	+1.2%	Global, with early concentration in Europe and China	Medium term (2-4 years)
Rapid Adoption of ADAS-Grade Safety Actuators	+1.0%	North America, Europe, China (regulatory-driven); spillover to ASEAN, Latin America	Short term (≤ 2 years)
Rising OEM Focus on 48-V Mild-Hybrid Architectures	+0.9%	Global, led by Europe and Japan; accelerating in India for compact sedans	Medium term (2-4 years)
Regulatory Push for Energy-Efficient HVAC Blowers	+0.6%	North America (EPA CAFE), Europe (CO_2 fleet standards), China (NEV credits)	Long term (≥ 4 years)
Growth of In-Cabin Comfort and Wellness Features	+0.5%	Premium segments in North America, Europe, China; expanding to mass-market in Asia-Pacific	Medium term (2-4 years)
Increasing Demand for Low-Noise BLDC Solutions in Premium EVs	+0.4%	Europe, North America, China (luxury BEV segments)	Short term (≤ 2 years)

Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The top suppliers—Bosch, DENSO, Nidec, Continental, BorgWarner, Valeo, Mitsubishi Electric, Hitachi Astemo, Mabuchi, and Johnson Electric—dominate the automotive motors market, controlling a significant share of global sales. Vertical integration stands out as the primary strategy. In recent years, DENSO has invested in amorphous-alloy cores to reduce iron loss. Meanwhile, BorgWarner acquired Santroll's eMotor division, aligning with its electrification goals. Bosch is piloting a rare-earth recycling line, successfully recovering a high percentage of neodymium, a strategic move to shield against geopolitical uncertainties. Chinese firms Wuxi CasCadi and Shanghai Edrive are capitalizing on the domestic BEV market, offering competitive pricing to challenge established players. They've also started engaging European OEMs, enticing them with extended warranty offers.

Key technological advancements focus on thermal management, noise reduction, and software integration. Suppliers that merge SiC inverters with graphene thermal pads and embedded diagnostics can command a notable price premium. Honda's recent move to boost its stake in Astemo underscores the growing OEM interest in proprietary software capabilities. Adhering to standards such as ISO 26262 and IATF 16949 poses a significant challenge, requiring extensive validation labs and digital traceability, thereby acting as a barrier for new entrants.

Looking ahead, the automotive landscape is set for polarization. Tier-one players with semiconductor fabs, magnet recycling capabilities, and cloud analytics will enjoy the highest profit margins. In contrast, those dealing in commodity hardware may face diminishing returns due to consolidations in zone controllers. As the automotive market expands, it also becomes more competitive, prompting smaller firms to pursue mergers, acquisitions, or joint ventures to gain the scale necessary for survival.

Automotive Motors Industry Leaders* Robert Bosch GmbH

* DENSO Corporation

* Nidec Corporation

* Continental AG

* Mitsubishi Electric Corporation

* *Disclaimer: Major Players sorted in no particular order
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Component Component 3 Scope Of The Report Bottom

Global Automotive Motors Market Report ScopeThe scope of the report includes Motor Type (DC Motor and More), Application (Powertrain and More), Vehicle Type (Two-Wheelers and More), Sales Channel (OEM and Aftermarket), and Geography.

By Motor TypeDC Motor |
Brushless DC Motor (BLDC) |
Stepper Motor |
Traction Motor |
Servo Motor |

Segmentation Accordion Item

By GeographyNorth America | United States |
| Canada |
| Rest of North America |
South America | Brazil |

	Argentina
	Rest of South America
Europe	United Kingdom
	Germany
	Spain
	Italy
	France
	Russia
	Rest of Europe
Asia-Pacific	India
	China
	Japan
	South Korea
	Rest of Asia-Pacific
Middle East and Africa	United Arab Emirates
	Saudi Arabia
	Turkey
	Egypt
	South Africa
	Rest of Middle East and Africa

Frequently Asked Questions

How large will the automotive motors market be by 2031?

It is projected to reach USD 50.01 billion by 2031, expanding at a 4.75% CAGR (2026-2031).

Which motor type is growing fastest in passenger vehicles?

Traction motors are forecast to post a 4.77% CAGR through 2031 as BEV platforms scale.

Which region leads demand growth?

Asia-Pacific holds 44.57% revenue share and is expected to advance at 4.87% CAGR, buoyed by China and India's electrification programs.

Why is the aftermarket gaining share?

Extended vehicle age and right-to-repair rules in Europe and the United States boost replacement demand, pushing aftermarket motors to a 4.81% CAGR.

What is the main supply-chain risk for motor producers?

Dependence on Chinese rare-earth magnets exposes the sector to export restrictions and price swings, subtracting 0.4 percentage points from forecast CAGR.

How concentrated is supplier power?

The top 10 vendors hold roughly three-fifths of the market share, giving the market a moderate concentration level (score 6).