

Global Brushless DC Motors for Automotive Market Growth 2022-2028

<https://marketpublishers.com/r/G6EE75474E84EN.html>

Date: December 2022

Pages: 102

Price: US\$ 3,660.00 (Single User License)

ID: G6EE75474E84EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Brushless DC electric motor (BLDC motors, BL motors) also known as electronically commutated motors (ECMs, EC motors), or synchronous DC motors, are synchronous motors powered by DC electricity via an inverter or switching power supply which produces an AC electric current to drive each phase of the motor via a closed loop controller. The controller provides pulses of current to the motor windings that control the speed and torque of the motor. Brushless DC Motors are deployed in continuously operating applications such as pumps, fans and HVAC. Many of these are located in close proximity to the powertrain and therefore must be able to withstand high temperatures.

The global market for Brushless DC Motors for Automotive is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Brushless DC Motors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Brushless DC Motors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Brushless DC Motors for Automotive market is expected at value of US\$

million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Brushless DC Motors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Brushless DC Motors for Automotive players cover NIDEC, Asmo (Denso), Johnson Electric, Bosch and Mitsuba, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Brushless DC Motors for Automotive market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Brushless DC Motors for Automotive market, with both quantitative and qualitative data, to help readers understand how the Brushless DC Motors for Automotive market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the Brushless DC Motors for Automotive market and forecasts the market size by Type (Engine System Motor, Chassis System Motor and Automotive Body System Motor), by Application (OEM and Aftermarket.), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Engine System Motor

Chassis System Motor

Automotive Body System Motor

Segmentation by application

OEM

Aftermarket

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

NIDEC

Asmo (Denso)

Johnson Electric

Bosch

Mitsuba

Brose

Mabuchi Motors

Valeo

DY Corporation

LG Innotek

MinebeaMitsumi

Keyang Electric Machinery

Buhler Motor

Igarashi Motors India

Chapter Introduction

Chapter 1: Scope of Brushless DC Motors for Automotive, Research Methodology, etc.

Chapter 2: Executive Summary, global Brushless DC Motors for Automotive market size (sales and revenue) and CAGR, Brushless DC Motors for Automotive market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Brushless DC Motors for Automotive sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Brushless DC Motors for Automotive sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Brushless DC Motors for Automotive market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including NIDEC, Asmo (Denso), Johnson Electric, Bosch, Mitsuba, Brose, Mabuchi Motors, Valeo and DY Corporation, etc.

Chapter 14: Research Findings and Conclusion

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