

2018-2023 Global Frameless Brushless DC Motors Consumption Market Report

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Abstracts

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

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Frameless Brushless DC Motors market for 2018-2023.

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.

For example, in components space and weight are a prime concern, with standard solutions coming up against their limits. For this reason, motor is offering its brushless motors as frameless motor kits. Rotors and stators are delivered separately – without bearings or motorshaft – and connected only when the components are assembled. In this way, customers achieve the best of both worlds: high torque density and minimum volume.

The light weight of frameless brushless DC motors adds more value to their use and adoption. This is one of the aspects driving the global market. Another trend observed in this market is that many companies are focusing on higher efficiency and low energy consumption, which is possible with the help of frameless brushless DC motors.

Moreover, the increasing use of robots owing to increased automation requires these motors, accelerating their use even further. The attractiveness of these motors can be credited to their longer life cycle and high efficiency due to less weight.

Industrial Automation is the largest application area with market share about 46%.

North America is the largest consumption region of Frameless Brushless DC Motors, with a consumption market share nearly 40% in 2016. Europe is the second largest consumption region of Frameless Brushless DC Motors, enjoying consumption market share nearly 33% in 2017. Asia Pacific (APAC) region seems to have good growth potential in the coming years. This growth can be attributed to the increasing demand in China, Japan and India.

Market competition is not intense. Kollmorgen, Moog, Maxon Motor, BEI Kimco, Woodward and Shinano Kenshi are the leaders of the industry, and they hold key technologies and patents, with high-end customers; have been formed in the monopoly position in the industry.

Over the next five years, LPI(LP Information) projects that Frameless Brushless DC Motors will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Frameless Brushless DC Motors market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

12V-24V

24V-48V

Other

Segmentation by application:

Industrial Automation

Medical Device

Aerospace & Defense

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Kollmorgen

Moog

Maxon Motor

BEI Kimco

Woodward

Shinano Kenshi

Johnson Electric

Portescap

Skurka Aerospace

Servotecnica

Mclennan

Aerotech

ARC Systems

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Frameless Brushless DC Motors consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Frameless Brushless DC Motors market by identifying its various subsegments.

Focuses on the key global Frameless Brushless DC Motors manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Frameless Brushless DC Motors with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Frameless Brushless DC Motors submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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