

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Frameless Brushless DC Motors Market 2018, Forecast to 2023

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## Abstracts

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.

### SCOPE OF THE REPORT:

This report focuses on the Frameless Brushless DC Motors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. 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.

The worldwide market for Frameless Brushless DC Motors is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Kollmorgen

Moog

Maxon Motor

BEI Kimco

Woodward

Shinano Kenshi

Johnson Electric

Portescap

Skurka Aerospace

Servotecnica

Mclennan

Aerotech

ARC Systems

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

12V-24V

24V-48V

Other

Market Segment by Applications, can be divided into

Industrial Automation

Medical Device

Aerospace & Defense

Other

There are 15 Chapters to deeply display the global Frameless Brushless DC Motors market.

Chapter 1, to describe Frameless Brushless DC Motors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Frameless Brushless DC Motors, with sales, revenue, and price of Frameless Brushless DC Motors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Frameless Brushless DC Motors, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Frameless Brushless DC Motors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Frameless Brushless DC Motors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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