

India Brushless DC Motor Market Research Report Forecast to 2027

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Report description:

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Market Overview

The India brushless DC motor market is rapidly growing due to the demand for HVAC systems increasing in India owing to the continuous growth of the commercial and industrial sectors. In addition, the deployment of smart technologies includes the use of smartphone applications that help users control ventilation, lighting, and other systems from one control point. Brushless DC motors are also referred to as "inside-out permanent magnet motors" or BLDC. They have their magnets on the rotating part of the motor instead of on the stationary part. Further, product properties such as low maintenance, thermal resistance, long life, and the ability to work under extreme temperatures are pushing end-users purchasing decisions in favor of BLDC over conventional motors.

The India brushless DC motor market is expected to grow significantly during the study period, primarily due to the increasing product demand from the HVAC application segment. Moreover, the growing robotics technology is expected to present a promising growth opportunity for the players operating in the Indian market. However, the high maintenance costs are expected to restrict the market's growth during the forecast period.

Market Segmentation

The India brushless DC motor market is projected to grow at 9.8% CAGR during the forecast period, 2021-2027. The India brushless DC motor market has been segmented based on type, speed, and end-user. Based on type, the India brushless DC motor market has been segmented into the inner rotor and outer rotor. The inner rotor segment is expected to grow at 8.8% during the forecast period. In 2020, the inner rotor segment held a share of 81.9% of the India brushless DC motor market. Based on speed, the India brushless DC motor market has been segmented into less than 500 RPM, 501 RPM to 2,000 RPM, 2,000 RPM to 10,000 RPM, and above 10,000 RPM. The 2,000 RPM to 10,000 RPM speed segment is expected to grow at 9.6% during the forecast period. In 2020, the 2,000 RPM to 10,000 RPM segment held a 31.5% share of the India brushless DC motor market. Based on end-user, the India brushless DC motor market has been segmented into consumer electronics, automotive, manufacturing, healthcare, and others. The automotive segment is expected to grow at 7.8% during the forecast period. In 2020, the automotive segment held a 27.3% share of the India brushless DC motor market.

Major Players

The key players associated with the India Brushless DC motor market are Aatrael Electric Machine Engineering LLP, Digilab Technologies, Sumit Engineering Works, Spark Motors Private Limited, Robocraft Impex, Sri Electronics & Embedded Solutions,

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Allied Motion Technologies, ARC Systems, Anaheim Automation, Toshiba Corporation, Siemens, and General Electric.

COVID 19 Impacts

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Table of Contents:

TABLE OF CONTENTS

1 EXECUTIVE SUMMARY

1.1 INDIA BRUSHLESS DC MOTOR MARKET, BY TYPE

1.2 INDIA BRUSHLESS DC MOTOR MARKET, BY SPEED

1.3 INDIA BRUSHLESS DC MOTOR MARKET, BY END-USER

2 MARKET INTRODUCTION

2.1 DEFINITION

2.2 SCOPE OF THE STUDY

2.3 RESEARCH OBJECTIVE

2.4 MARKET STRUCTURE

3 RESEARCH METHODOLOGY

3.1 RESEARCH PROCESS

3.2 PRIMARY RESEARCH

3.3 SECONDARY RESEARCH

3.4 MARKET SIZE ESTIMATION

3.5 FORECAST MODEL

3.6 LIST OF ASSUMPTIONS

4 MARKET DYNAMICS

4.1 INTRODUCTION

4.2 DRIVERS

4.2.1 INCREASING DEMAND FROM HVAC APPLICATION SEGMENT

4.2.2 TRANSITION TOWARDS ENERGY-EFFICIENT MOTORS

4.2.3 DRIVERS IMPACT ANALYSIS

4.3 RESTRAINTS

4.3.1 HIGH MAINTENANCE COST

4.3.2 RESTRAINTS IMPACT ANALYSIS

4.4 OPPORTUNITIES

4.4.1 IMPROVEMENTS IN BATTERY CAPACITY AND REDUCED CHARGING DURATION

4.5 TECHNOLOGICAL TRENDS

4.5.1 IMPLEMENTATION OF SENSORLESS CONTROL

4.5.2 TRANSITION OF AUTOMOTIVE SECTOR TOWARD ELECTRIC VEHICLES

4.6 COVID-19 IMPACT ANALYSIS

4.6.1 IMPACT ON OVERALL ENERGY & POWER INDUSTRY

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- 4.6.1.1 ECONOMIC IMPACT
- 4.6.2 IMPACT ON THE BRUSHLESS DC MOTOR MARKET
- 4.6.3 IMPACT ON SUPPLY CHAIN OF BRUSHLESS DC MOTORS
 - 4.6.3.1 PRICE VARIATION OF KEY RAW MATERIALS
 - 4.6.3.2 PRODUCTION SHUTDOWN
 - 4.6.3.3 CASH FLOW CONSTRAINTS
 - 4.6.3.4 IMPACT ON IMPORT/EXPORT
- 4.6.4 IMPACT ON THE MARKET DEMAND FOR BRUSHLESS DC MOTORS
 - 4.6.4.1 IMPACT DUE TO RESTRICTIONS/LOCKDOWN
 - 4.6.4.2 CONSUMER SENTIMENTS
- 4.6.5 IMPACT ON PRICING OF BRUSHLESS DC MOTORS
- 5 MARKET FACTOR ANALYSIS
 - 5.1 SUPPLY CHAIN ANALYSIS
 - 5.1.1 RAW MATERIAL & COMPONENT SUPPLY
 - 5.1.2 MANUFACTURE & ASSEMBLY
 - 5.1.3 SALES & DISTRIBUTION
 - 5.1.4 END-USE INDUSTRY
 - 5.1.5 AFTERSALES
 - 5.2 PORTER'S FIVE FORCES MODEL
 - 5.2.1 THREAT OF NEW ENTRANTS
 - 5.2.2 BARGAINING POWER OF SUPPLIERS
 - 5.2.3 THREAT OF SUBSTITUTES
 - 5.2.4 BARGAINING POWER OF BUYERS
 - 5.2.5 INTENSITY OF RIVALRY
 - 5.3 GOVERNMENT REGULATIONS
 - 5.3.1 BRUSHLESS DC MOTORS
 - 5.3.1.1 VARIOUS PERFORMANCE PARAMETERS OF BLDC MOTORS
 - 5.3.1.2 VARIOUS TESTS APPLICABLE ON BLDC MOTOR
 - 5.3.2 CERTIFICATIONS
 - 5.3.2.1 CE
 - 5.3.2.2 BUREAU VERITAS (INDIA) PVT LTD
 - 5.3.2.3 ISO
 - 5.3.2.4 IEEE
 - 5.3.2.5 IEC
 - 5.3.3 DUAL DC MOTORS
 - 5.3.3.1 BRUSHED MOTORS
 - 5.3.3.2 BRUSHLESS MOTORS
 - 5.3.3.3 SIZING & ENVIRONMENTAL CONSIDERATIONS
 - 5.3.3.3.1 SIZING CONSIDERATIONS
 - 5.3.3.4 ENVIRONMENTAL CONSIDERATIONS
 - 5.3.3.5 INSTRUCTIONS
 - 5.3.3.6 TTL STANDARD
 - 5.4 EXPORT DATA OF CHINA FOR BRUSHLESS DC MOTORS
- 6 INDIA BRUSHLESS DC MOTOR, BY TYPE
 - 6.1 OVERVIEW
 - 6.2 INNER ROTOR
 - 6.3 OUTER ROTOR

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- 7 INDIA BRUSHLESS DC MOTOR MARKET, BY SPEED
 - 7.1 OVERVIEW
 - 7.2 LESS THAN 500 RPM
 - 7.3 501 RPM - 2000 RPM
 - 7.4 2000 RPM - 10000 RPM
 - 7.5 ABOVE 10000 RPM
- 8 INDIA BRUSHLESS DC MOTOR MARKET, BY END-USER
 - 8.1 OVERVIEW
 - 8.2 CONSUMER ELECTRONICS
 - 8.3 AUTOMOTIVE
 - 8.4 MANUFACTURING
 - 8.5 HELATHCARE
 - 8.6 OTHERS
- 9 COMPETITIVE LANDSCAPE
 - 9.1 OVERVIEW
 - 9.2 COMPETITIVE BENCHMARKING
 - 9.3 MARKET SHARE ANALYSIS
 - 9.4 KEY DEVELOPMENTS IN THE INDIA BRUSHLESS DC MOTOR MARKET
 - 9.4.1 PRODUCT LAUNCH
 - 9.4.2 ACQUISITION
 - 9.4.3 COLLABORATION
- 10 COMPANY PROFILES
 - 10.1 JOHNSON ELECTRIC HOLDING COMPANY
 - 10.1.1 COMPANY OVERVIEW
 - 10.1.2 FINANCIAL OVERVIEW
 - 10.1.3 PRODUCTS OFFERED
 - 10.1.4 KEY DEVELOPMENTS
 - 10.1.5 SWOT ANALYSIS
 - 10.1.6 KEY STRATEGIES
 - 10.2 NIDEC CORPORATION
 - 10.2.1 COMPANY OVERVIEW
 - 10.2.2 FINANCIAL OVERVIEW
 - 10.2.3 PRODUCTS OFFERED
 - 10.2.4 KEY DEVELOPMENTS
 - 10.2.5 SWOT ANALYSIS
 - 10.2.6 KEY STRATEGIES
 - 10.3 ALLIED MOTION TECHNOLOGIES, INC.
 - 10.3.1 COMPANY OVERVIEW
 - 10.3.2 FINANCIAL OVERVIEW
 - 10.3.3 PRODUCTS OFFERED
 - 10.3.4 KEY DEVELOPMENTS
 - 10.3.5 SWOT ANALYSIS
 - 10.3.6 KEY STRATEGIES
 - 10.4 ARC SYSTEMS
 - 10.4.1 COMPANY OVERVIEW
 - 10.4.2 FINANCIAL OVERVIEW
 - 10.4.3 PRODUCTS OFFERED

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- 10.4.4 KEY DEVELOPMENTS
- 10.4.5 SWOT ANALYSIS
- 10.4.6 KEY STRATEGIES
- 10.5 ANAHEIM AUTOMATION
 - 10.5.1 COMPANY OVERVIEW
 - 10.5.2 FINANCIAL OVERVIEW
 - 10.5.3 PRODUCTS OFFERED
 - 10.5.4 KEY DEVELOPMENTS
 - 10.5.5 KEY STRATEGIES
- 10.6 TOSHIBA CORPORATION
 - 10.6.1 COMPANY OVERVIEW
 - 10.6.2 FINANCIAL OVERVIEW
 - 10.6.3 PRODUCTS OFFERED
 - 10.6.4 KEY DEVELOPMENTS
 - 10.6.5 SWOT ANALYSIS
 - 10.6.6 KEY STRATEGIES
- 10.7 AMETEK INC.
 - 10.7.1 COMPANY OVERVIEW
 - 10.7.2 FINANCIAL OVERVIEW
 - 10.7.3 PRODUCTS OFFERED
 - 10.7.4 KEY DEVELOPMENTS
 - 10.7.5 SWOT ANALYSIS
 - 10.7.6 KEY STRATEGIES
- 10.8 ROCKWELL AUTOMATION
 - 10.8.1 COMPANY OVERVIEW
 - 10.8.2 FINANCIAL OVERVIEW
 - 10.8.3 PRODUCTS OFFERED
 - 10.8.4 KEY DEVELOPMENTS
 - 10.8.5 SWOT ANALYSIS
 - 10.8.6 KEY STRATEGIES
- 10.9 SIEMENS
 - 10.9.1 COMPANY OVERVIEW
 - 10.9.2 FINANCIAL OVERVIEW
 - 10.9.3 PRODUCTS OFFERED
 - 10.9.4 KEY DEVELOPMENTS
 - 10.9.5 SWOT ANALYSIS
 - 10.9.6 KEY STRATEGIES
- 10.10 GENERAL ELECTRIC
 - 10.10.1 COMPANY OVERVIEW
 - 10.10.2 FINANCIAL OVERVIEW
 - 10.10.3 PRODUCTS OFFERED
 - 10.10.4 SWOT ANALYSIS
 - 10.10.5 KEY STRATEGIES
- 10.11 NR CONTROLS
 - 10.11.1 COMPANY OVERVIEW
 - 10.11.2 PRODUCTS OFFERED

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