Brushless DC Market Analysis: by Voltage (Low, Mid & High Voltage) Applications (Linear, Servo, Extruder Drive Motors, Actuators, CNC Machines & Others) Industry Verticals (Consumer Electronics, Medical, Residential, Agriculture)-Forecast(2016-2021)

Description: Brushless DC (BLDC) motors which are also named as DC electronically commutated motors, commutatorless motors, DC servomotors or AC synchronous motors are eventually gaining traction over brushed DC motors, and some of the key factors influencing this include high efficiency, extended life, soft torque, and good speed operations. However the applications of these types of motors are still limited by additional cost of motor controller which is one of the key components to operate brushless DC motors. Continuous research and development will result in reduction of these associated costs in coming years.

Some of the prominent and successful applications of brushless dc include automotive, HVAC, consumer electronics, healthcare, and other industrial applications include CNC machines, robotics, and actuators among others. Changing trends from brush DC motors to brushless DC motors are due to exceptional operational characters which includes, short index moves, heavy loads, high speed, short duty cycle moves, high torque control and high accel or decel capability.

New set of applications include medical use cases, brushless DC motors are used in the treatment of sleep apnea which demands for Positive Airway Pressure (PAP) respirators. IN PAP to drive the blower fan, brushless DC motors are employed. The blower fan generates PAP to assist the patient in breathing while they are asleep. Growing applications and use cases in healthcare will bolster the brushless DC market by 2020. Additionally, the exponential growth in demand for IoT devices, coupled with many industrial devices will help in propelling the global Brushless DC market.

Brushless DC market is classified by voltage as follows:

Low Voltage
Mid Voltage
High Voltage.

Brushless DC market is further bifurcated on the basis of applications into:

Linear Motors
Servo Motors
Actuators
Extruder Drive Motors
CNC Machines
Others

Brushless DC market is further classified on the basis of industry verticals into:

Consumer Electronics
Medical
Automotive
Industrial
Commercial
Residential
Others.

Furthermore, Brushless DC market is bifurcated by regions into North America, Asia Pacific (APAC), Europe and Rest of the World (RoW). North America leads the global Brushless DC market currently owing to a significant adoption of Brushless DC devices by applications and industry verticals. Also, a number of leading players in this industry are based out of this region.

Brushless DC Market
Some of the key players in the global Brushless DC market include:

Nidec Corporation (U.S.)
ABB Group (Switzerland)
Allied Motion Technologies, Inc. (U.S.)
ARC Systems, Inc. (U.S.)
Amtek Group (U.K.) among others.

Contents:

1. Brushless DC - Market Overview
2. Executive Summary
3. Brushless DC - Market Landscape
   3.1. Market Share Analysis
   3.2. Comparative Analysis
      3.2.1. Product Benchmarking
      3.2.2. End User Profiling
      3.2.3. Patent Analysis
      3.2.4. Top 5 Financials Analysis
   4. Brushless DC - Market Forces
      4.1. Market Drivers
      4.2. Market Constraints
      4.3. Market Challenges
   4.4. Attractiveness of the Brushless DC Industry
      4.4.1. Power of Suppliers
      4.4.2. Power of Customers
      4.4.3. Threat of New Entrants
      4.4.4. Threat of Substitution
      4.4.5. Degree of Competition
   5. Brushless DC Market - Strategic Analysis
      5.1. Value Chain Analysis
      5.2. Pricing Analysis
      5.3. Opportunities Analysis
      5.4. Suppliers/Distributors Analysis
   6. Brushless DC Market - By Voltage:
      6.1. Introduction
      6.2. Low Voltage
      6.3. Mid Voltage
      6.4. High Voltage
   7. Brushless DC - By Applications:
      7.1. Introduction
      7.2. Linear Motors
      7.3. Servo Motors
      7.4. Actuators
      7.5. Extruder Drive Motors
      7.6. CNC Machines
      7.7. Others
   8. Brushless DC - By Industry Verticals:
      8.1. Introduction
      8.2. Consumer Electronics
      8.3. Medical
      8.4. Automotive
      8.5. Industrial
      8.6. Commercial
      8.7. Residential
      8.8. Others
   9. Brushless DC Market- By Geography:
      9.1. Introduction
      9.2. North America
         9.2.1. U.S.
         9.2.2. Canada
         9.2.3. Mexico
         9.2.4. Rest of North America
9.3. Europe
9.3.1. France
9.3.2. Germany
9.3.3. Italy
9.3.4. Spain
9.3.5. U.K
9.3.6. Rest of Europe
9.4. APAC
9.4.1. Australia
9.4.2. China
9.4.3. India
9.4.4. Japan
9.4.5. Rest of APAC
9.5. ROW
9.5.1. Middle East & Africa
9.5.2. South America
10. Market Entropy
10.1. New Product Launches
10.2. M&As, Collaborations, JVs and Partnerships
11. Company Profiles
11.1. ABB Group
11.2. Allied Motion Technologies, Inc.
11.3. Amtek Group
11.4. Nidec Corporation
11.5. ARC Systems, Inc.
11.6. Rockwell Automation
11.7. Omron Corporation
11.8. Toshiba International
11.9. Brook Crompton
11.10. Johnson Electric Holding
*More than 40 Companies are profiled in this Research Report, Complete List available on Request*
"*Financials would be provided on a best efforts basis for private companies*
12. Appendix
12.1. Abbreviations
12.2. Sources
12.3. Research Methodology
12.4. Bibliography
12.5. Compilation of Expert Insights
12.6. Disclaimer

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/3820876/](http://www.researchandmarkets.com/reports/3820876/)
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Brushless DC Market Analysis: by Voltage (Low, Mid & High Voltage) Applications (Linear, Servo, Extruder Drive Motors, Actuators, CNC Machines & Others) Industry Verticals (Consumer Electronics, Medical, Residential, Agriculture)-Forecast (2016-2021)
Web Address: http://www.researchandmarkets.com/reports/3820876/
Office Code: SCBRWL1C

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5250</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 6250</td>
</tr>
<tr>
<td>Site License:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 8450</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td></td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ____________________________________________________________
Job Title: _________________________________________________________________
Organisation: ______________________________________________________________
Address: _________________________________________________________________
City: _________________________________________________________________
Postal / Zip Code: _________________________________________________________
Country: _________________________________________________________________
Phone Number: ___________________________________________________________
Fax Number: ______________________________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:
Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World