**Electric motors in automotive applications – 2017**

Joanne Goh, Manufacturing Technology Analyst – April 2017

The industry’s most extensive analysis of this dynamic market from a regional and application perspective – forecast to reach over $34.6 billion globally in 2021.

This is the third edition of the IHS Markit research into the electric motor market in automotive applications. The world market for electric motors in automotive applications (excluding traction motors) is estimated to have been worth approximately $26.3 billion in 2016, with almost 3.16 billion units shipped. The value of the market for traction motors specifically used in the EVs and HEVs was worth $ 1.9 billion in 2016, with 3.4 million units shipped. The overall market (including traction motors) is forecast to grow at 8.3% compound annual growth rate (CAGR) in revenues, reaching an estimated $34.6 billion in 2021. Asia Pacific (APAC) is forecast to be the fastest-growing region for electric motors used in automotive applications. Urbanization and industrialization in the emerging countries like India and Southeast Asia is driving the demand for vehicles. Growth of SUVs demand had add-on extra momentum for the electric motor market as SUVs has higher number of average motors per vehicle than normal passenger cars.

In this report, a detailed analysis and further breakdown are provided in geographic region and power rating for each motor type. The market research will also be presented for each product type by power rating for their 2016 base year.

**Key Issues Addressed**

- How large was the market for electric motors in automotive applications in 2016?
- What is the growth forecast for the world and regional markets for electric motors used in automotive applications from 2017 to 2021?
- For which applications are electric motor shipments expected to perform above the market average? For which applications are expected to perform below the market average?
- Who are the leading suppliers of electric motors used in automotive applications? What were their market shares in 2016?

**Applicable To**

- Electric motors vendors, distributors and system integrators of automotive applications
- Automotive OEM companies and distributors
- Electric motor component suppliers
- Automotive application manufacturers and suppliers (e.g. power doors, power seats, etc.)
- Electric motor designer and manufacturers (ODM)
- Sales Executives and Investors
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