Permanent Magnet Motor Market - Forecasts from 2016 to 2021

Description: Global Permanent Magnet Motor market is projected to grow at a CAGR of 13.09% to reach US$40.25 billion by 2021, from US$21.76 billion in 2016. Permanent magnets ferromagnetic materials having magnetic properties and generate their own magnetic fields. The magnets which are utilized in permanent magnet motors are obtained from rare earth metals. Growing adoption of automation in various industries is the major driver of global permanent magnet motor market.

The increasing use of robotic material handling due stringent regulations regarding workers' safety is boosting the demand for permanent magnet motors exponentially. Booming global automobile industry is further bolstering the growth of permanent magnet motor market worldwide.

In the coming years, the growth of this market will propel significantly due to growing renewable energy sector as solar energy and wind power technologies utilize permanent magnet motors in their generators. Geographically, China is the leading manufacturer of permanent magnet motors owing to the presence of rare earth materials in the abundant quantity in the country. However, the market growth will be restrained due to the high cost of permanent magnet motors and complexity in the manufacturing process.

Research Methodology

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentations which have been covered as part of the report.

Market Dynamics

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of permanent magnet motor solutions. Complete industry analysis has also been covered by Porter’s five forces model as a part of this report section.

Segmentation

Thirdly, Permanent Magnet Motor Motor market has been segmented by motor type, magnet used, industry vertical and geography as below:

By Motor Type
- Direct Current (DC) Motor
- Alternating Current (AC) Motor
- Hermetic Motor

By Magnet Used
- Ferrite
- Neodymium
- Samarium Cobalt

By Industry Vertical:
- Consumer Electronics
- Manufacturing
- Healthcare
- Energy
- Others

By Geography:
- Americas
- North America
Market Players

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of this section are Siemens, Rockwell Automation Incorporation, Toshiba and Baldor Electric among others.

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