

Electric Motor Production Business. Industrial Motor Manufacturing Industry

Description:

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India Electric Motors Market to Cross \$ 2.25 Billion by 2023

Electric motor is the electro-mechanical machine which converts the electrical energy into mechanical energy. In other words, the devices which produce rotational force is known as the motor. The working principle of the electric motor mainly depends on the interaction of magnetic and electric field. The electric motor is mainly classified into two types. They are the AC motor and the DC motor. The AC motor takes alternating current as an input, whereas the DC motor takes direct current.

Advantages of Electric Motors:

Electric motors have a number of advantages when compared to traditional engines. The initial cost of an electric motor is much lower than a fossil-fuel engine with the same horsepower rating. Electric motors have relatively few moving parts, which means they have a longer lifespan. Typically, an electric motor that is properly maintained offers up to 30,000 hours of operating life without needing major repairs. Overall, electric motors require minimal maintenance service.

Additionally, electric motors are highly efficient, and automated controls allow for automatic and remote start and stop functions. Electric motors don't require fuel, so there is no engine oil maintenance or battery service, and they don't freeze in sub-zero temperatures.

For more details download PDF file.

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