



Induction Motor

By Frederic P. Miller

Alphascript Publishing Jan 2010, 2010. Taschenbuch. Condition: Neu. Neuware - An induction motor (or asynchronous motor) is a type of alternating current motor where power is supplied to the rotor by means of electromagnetic induction. An electric motor converts electrical power to mechanical power in its rotor (rotating part). There are several ways to supply power to the rotor. In a DC motor this power is supplied to the armature directly from a DC source, while in an induction motor this power is induced in the rotating device. An induction motor is sometimes called a rotating transformer because the stator (stationary part) is essentially the primary side of the transformer and the rotor (rotating part) is the secondary side. The primary side's currents evokes a magnetic field which interacts with the secondary sides mmf to produce a resultant torque, henceforth serving the purpose of producing mechanical energy. Induction motors are widely used, especially polyphase induction motors, which are frequently used in industrial drives. 80 pp. Englisch.



READ ONLINE
[2.07 MB]

Reviews

I actually began reading this article book. It is actually filled with wisdom and knowledge I realized this pdf from my i and dad recommended this publication to learn.

-- **Rhea Toy**

Without doubt, this is the very best operate by any publisher. Indeed, it can be enjoy, nevertheless an amazing and interesting literature. You may like how the writer compose this pdf.

-- **Toni Bechtelar**