Abstract

A novel 3D design is proposed here of the long primary double sided linear induction motor for the electromagnetic analysis. The calculations based are on the method of finite element method. The cardinal design of the double sided long secondary linear induction motor is obtained and verified with the experimental motor. The design so obtained can be used to calculate various electromagnetic parameters of the motor.

References
To Analyze Electromagnetic Effects of Double Sided Linear Induction Motor using 3D Finite Element Method

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To Analyze Electromagnetic Effects of Double Sided Linear Induction Motor using 3D Finite Element Method


Index Terms

- Computer Science
- Power System

Keywords

- Short Primary Double Sided Linear Induction Motor
- Electromagnetic Parameters
- 3-d Self-adaptive Finite Element Method