

## Slip

Slip is a term applied to AC induction motors and is the difference between synchronous speed and the actual speed of the motor. Slip is a necessary feature of AC induction motors. It is the movement of the rotor inductors with respect of the rotating magnetic field that induces the current within the rotor conductor that creates the reacting magnetic field in the rotor.

This slippage can be as small as 1% or as large as 20% depending on the rotor design and also the load on the output of the motor.