

Product Name :

3 Phase Wound Rotor Slipring Motor for Electrical Lab

Product Code :

ADM-008-NE

**Description :**

3 Phase Wound Rotor Slipring Motor for Electrical Lab for Electric Motors Teaching Labs - This Model is an Educational model suitable for demonstrating to students the complete know of the Basics, Components, Starting methods, Speed-Torque behavior, Wear & Tear & Maintenance of these motors packaged in small rating. Students can make connections of their own with the help of the terminations provided for study of features viz Starting methods, Speed control, Speed-Torque, Effect of resistance in rotor, Effects of Single phasing, Effect of voltage imbalance operation, Blocked rotor test.

Technical Specs :

Power ratings available : 350W / 750W / 1KW / 2 KW / 3KW/ 5KW

Voltage Input: 440V AC 50hz

RPM: 1440 / 2880 RPM

Single / Double shaft extension, TEFC, IP44, IC01, B3, Class-B, S1, Casting body

List of Experiments

Starting by DOL Starter

Starting by reduced voltage starter.

Speed variation by Rotor resistance

Speed Control by VVVF method

Load test & No load test of machine

Speed-Torque Analysis

Voltage-Speed Analysis

Speed reversal

Efficiency Analysis

Blocked rotor test

Cold Resistance & Hot Resistance

Motor Operation parameters
Basic Overhauling Know how

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