

Product Name :
Universal Motor for AC Repulsion Motor for Electrical Lab

Product Code :
ADM-007-NE



Description :

Universal Motor for AC Repulsion Motor for Electrical Lab for Electric Motors Teaching Labs - For demonstrating to students the complete know of the Basics, Components, Starting methods, Speed-Torque, 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-Torque, Effect of reduced voltage, Blocked rotor test.

Technical Specs :

Power ratings available : 350W / 750W

Voltage Input: 230V AC 50hz or 230 DC

RPM: 6000 / 10000

Single / Double shaft extension, SPDP, IP23, IC01, B3, Class-B, Short time duty, Solid yoke.

List Of Experiments :

Starting by AC DOL Starter

Starting by reduced AC voltage starter.

Starting by DC Starter

Speed control by DC SCR Drive

Load test & No load test of machine

Speed-Torque Analysis

Efficiency Analysis

Blocked rotor test

Cold Resistance & Hot Resistance

Motor Operation parameters

Basic Overhauling Know how

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