



AC ELECTRICAL MACHINE

RG 265

Description:

AC electric motors use alternating electric current and a structure consisting of a stator and a rotor and convert electric power into mechanical work, rotation or linear movement. Usually, in these motors, the stator, which is the outer and fixed core, creates a rotating electric field using alternating current, and the rotor, which is the inner and moving core, is connected to the output shaft and creates torque and movement according to the rotating field produced by the stator. . This training set has the capability of comprehensive training in relation to this type of machines. In this set, a three-phase asynchronous motor and a synchronous generator are coupled together. The three-phase asynchronous motor is controlled by the inverter.

Specifications:

- Winding rotor asynchronous motor
- Cage rotor machine
- Chassis and coupling rail
- AC measuring devices.
- Signal light, RCCB, miniature fuse
- Fixed three-phase output
- Variable voltage power supply for synchronization
- Machine excitation
- DC power supply
- Digital distance meter with sensor
- Synchronous scope set
- Stimulation rheostat and three-phase rheostat
- Three-phase continuously variable ohmic load
- Three-phase variable continuous step capacitor load (14 steps)
- Continuously variable three-phase inductive load
- Driver
- Autotransformer
- Torque meter
- Control panel
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.



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Applications:

1. Familiarity with the operation of AC motors
2. unloaded test
3. Short circuit test
4. Synchronous generator load test by ohmic
5. load
6. Synchronous generator load test by inductive load

Required For Operation:

- 3-Phase 25 A Electricity
- Relative Humidity: 15% - 80%



Dimensions (L*W*H) mm: 1300x 800 x 1500

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