



Three-phase synchronous machine



DL 1026A

Machine with smooth inductor and three-phase stator armature winding for operation either as alternator or synchronous motor.

Alternator: 1.1 kVA

Motor: 1 kW

Voltage: 220/380 V D/Y

Current: 2.9/1.7 A

Speed: 3000 rpm

Dc rotor excitation winding

Three-phase squirrel cage asynchronous motor



DL 1021

Induction motor with three-phase stator winding and buried squirrel cage in the rotor.

Power: 1.1 kW

Voltage: 220/380 V D/Y

Current: 4.3/2.5 A D/Y.

Speed: 2870 rpm, 50 Hz

Magnetic powder brake



DL 1019P

Electromagnetic brake suitable for testing the motors of the laboratory.

Rated power: 1.1 kW at 3000 rpm

Maximum speed: 4000 rpm

Complete with water level, arms, weights and counterweights for torque measurement and optical transducer.

Possibility for connection to a load cell.

The brake includes an axial cooling fan powered by the mains voltage.

Brake control unit



DL 1054TT

Control unit for the powder brake. It allows measuring the rotating speed and the torque generated by an electrical motor. It also provides the excitation voltage to the brake. The speed and the torque are displayed by means of instruments; analogue outputs are also available.

Speed section: 40 division instrument, class 1.5 ranges: 2000 - 4000 - 6000 rpm, with switch

Torque section: 50 division instrument, class 1.5 ranges: 10 - 20 Nm, with switch

Power supply section for the brake:

Output: from 0 to 20 Vdc, 1 A

Supply voltage: 230 V, 50/60 Hz