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Product Name :
Load Unit For Four Cylinder Engines Unit

Product Code :
LBNY-0005-125000119



Description :

Air-cooled eddy current brake for applying load to the and engines
Force transmission from engine to brake via rotationally elastic coupling and jointed shaft
Load unit for prepared four-stroke diesel or petrol engines with a maximum power output of 75kw
Measurement and display of engine load, air temperature, intake air consumption, speed
Measured value displays for engine: temperatures (oil, exhaust gas, cooling water, fuel), oil pressure, fuel consumption (using precision scale)
Stabilisation tank for intake air approx. 220L
Recording of braking power via speed and braking torque
Potentiometer for continuous adjustment of brake
Potentiometer to "accelerate" engine.

Technical Specification :

Eddy current brake
Max. speed: 5000min-1
Max. Braking torque: 200nm
Measuring ranges
Speed: 0...6000min-1
Cooling water: 0...50l/min
Temperatures: -50...200°C
Torque: 0...240nm
Volumetric flow
Exhaust gas: 0...1200°C

Intake air: 0...6m³/min.



Laboratory Instrument India