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Product Name :
Centrifugal Pump Test Bed

Product Code :
SCHOOL-FUD810006



Description :

Centrifugal Pump Test Bed

Technical Specification :

FEATURES:

Characteristic curve of a centrifugal pump

Investigation of a centrifugal pump

Drive with variable speed via frequency converter

Determining the flow rate

Recording the pump characteristics for different speeds

Power and efficiency curves

Measuring the electrical drive power

Ball valve to adjust the head

Manometers on the inlet and outlet side of the pump

Digital display of speed and power

Measuring the inlet and outlet pressure

Determining the hydraulic power

Calculating the efficiency

SPECIFICATION:

Centrifugal pump, self-priming

Max. Flow rate: 3000L/h

Max. Head: 36,9m

Asynchronous motor:

Nominal power: 370W

Measuring ranges:

Pressure (outlet side): -1...5bar

Pressure (inlet side): -1...1,5bar

Speed: 0...3000min⁻¹

Power: 0...1000W

230V, 50Hz, 1 phase

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