

Product Name :
Experiments with a Centrifugal Pump

Product Code :
Fluid Equipments0040



Description :

Experiments with a Centrifugal Pump

Technical Specification :

Experiments with a Centrifugal Pump

Specification Of **Experiments with a Centrifugal Pump**

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- Functioning and operating behaviour of a centrifugal pump
 - Closed water circuit contains centrifugal pump with drive motor and a transparent water tank
 - Transparent housing for observing the pump impeller
 - Variable speed via frequency converter
 - Adjustment of pressure conditions at inlet and outlet side of the pump by valves
 - Sensors for pressure at inlet and outlet side of the pump, temperature and flow rate
 - Microprocessor-based measuring technique

Technical Data

- Centrifugal pump with drive motor
- Power consumption: 370W
- Speed: 0...3000min⁻¹
- Max. flow rate: approx. 40L/min
- Max. head: approx. 10m
- Water tank: approx. 15L

Measuring ranges

- Pressure (inlet): -1...1bar
- Pressure (outlet): 0...5bar
- Flow rate: 3,5...50L/min
- Temperature: 0...130°C

Request

Callback

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