

Study of cavitation

DESCRIPTION

- v This unit is delivered complete with instrumentation and includes a technical and instruction manual.
- v Closed circuit
- v Turbine is easily changed due to the design of the system.



PEDAGOGIC APPLICATIONS

- Study of the pump
Engine rotation speed, water flow rate, pressure of aspiration and lift of pump, consumed power and various types of turbines.
- N.P.S.H.
- Study and observation of cavitation according to the water flow rate and temperature.

Pump

Centrifugal pump

Flow : 10 m³/h – 6 m CE

Axial face seal

Transparent aspiration tubes

Transparent front flange of a pump

Tank

Transparent

Capacity : 75 litres

Heating resistance

4500 W

Rotameter - variable section

Two pressure plugs with manometers with Bourdon tubes

One temperature plug and numerical display

Measurement of the pump rotation speed by inductive sensor

Temperature regulation

UTILITES

Electricity : 400 VAC three phase – 16 A

DIMENSIONS

Length : 800 mm

Width : 400 mm

Height : 900 mm

Weight : 30 kg