

DEMONSTRATION OF FRANCIS TURBINE Mod. HB16F/EV

DESCRIPTION

The equipment consists of a miniature Francis turbine mounted on bearings. The power produced by the turbine can be measured through a dynamometer.

The front face of the turbine is transparent allowing an easy observation of the operation. The pressure at inlet can be read on a pressure gauge.

TRAINING PROGRAM

- Determining the operating characteristics of a Francis turbine at various speeds of its rotor

TECHNICAL CHARACTERISTICS

- AISI 304 stainless steel structure
- AISI 304 stainless steel Francis turbine, $d = 60$ mm, number of blades = 10
- Distributor with 6 adjustable vanes
- Pressure gauge: 0 to 2.5 bar
- Two 10-N dynamometers, division 0.1 N
- Portable digital tachometer

Dimensions: 430 × 260 × 600 (h) mm

Weight: 7 kg



REQUIRED

HYDRAULIC BENCH Mod. HB/EV or HB-E/EV

- NOT INCLUDED -



SUPPLIED WITH

THEORETICAL-EXPERIMENTAL
HANDBOOK



OPTIONAL

SPREADSHEET SOFTWARE
For fluid mechanics equipment
Mod. SW-HB16F/EV

