

DEMONSTRATION OF KAPLAN TURBINE Mod. HB16K/EV

DESCRIPTION

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

The front face of the turbine is transparent to allow easy viewing of the behavior.

The pressure at inlet can be read on a pressure gauge.

TRAINING PROGRAM

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

TECHNICAL CHARACTERISTICS

- AISI 304 stainless steel structure
- AISI 304 stainless steel Kaplan turbine, $d=30$ mm, number of blades = 4
- 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-HB16K/EV

