



JET IMPACT



DL DKL111

This system has been designed to verify the validity of the theoretical expressions that determine the force exerted by a jet on different types of blades.

The equipment can be hooked up either on a hydraulic bench or a hydraulic group with flow meter. The blade changing system is simple and fast and no tool is required.

It is supplied with three different blades: 90°, 105° and 180°.

TRAINING OBJECTIVES

- Study and determination of the force exerted by a jet on flat blade, deviating the water at 90°
- Study and determination of the force exerted by a jet on a blade with a deflection angle of 105°
- Study and determination of the force exerted by a jet on a hemispherical blade with a deflection angle of 180°

Necessary accessory:

DL DKL014 – Hydraulic bench

The basic hydraulic bench is a simple, mobile, self-contained module that allows a supply of "hydraulic energy", i.e. an accurately controlled and measurable flow of water.

It includes two collecting tanks, a centrifugal pump, a flowmeter, a mobile frame work on wheels, a set of valves and piping.

Or DL DKL011 - Hydraulic group

TECHNICAL DATA

Blades:

- 90° blade
- 105° blade
- 180° blade

Weights:

- One piece: 500g
- Four pieces: 100g

Nozzle:

- Outlet \varnothing 4.8mm

