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Product Name :
Pelton Turbine

Product Code :
LBNY-0005-103000188



Description :

Recording the curves of a Pelton turbine and investigating the influence of the nozzle cross-section
Force sensor at the turbine inlet
Transparent front panel for observing the operating area
Non-contact speed measurement at the turbine shaft and force sensor at the brake for measuring the torque
Loading the turbine by use of a band brake
Adjustable nozzle needle for setting different nozzle cross-sections.

Technical Specification :

Technical Data:

Turbine
Max. speed: 1500min⁻¹
Output: approx. 350W at 1000min⁻¹, 150L/min,
H=20m
Pelton wheel
Medium diameter: 165mm
14 blades
Measuring ranges
Pressure: 0...4bar abs.
Speed: 0...4000min⁻¹
Torque: 0...9,81Nm.



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