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Product Name :
Supply Unit For Water Pumps

Product Code :
LBNY-0005-103000121



Description :

Function of a Kaplan turbine
Loading the turbine by use of air-cooled eddy current brake
Non-contact speed measurement at the turbine shaft and force sensor at the brake for measuring the torque
Digital display for pressures, temperature, flow rate, speed and torque
Rotor with fixed blades
Adjustable guide vanes for setting different angles of attack
Closed water circuit with submersible pump, throttle valve and tank
Adjustment of flow rate with throttle valve.

Technical Specification :

Technical Data:

Kaplan turbine
Max. speed: 3700min⁻¹
Max. output: 1000W
Submersible pump with motor
Nominal power: 3,1kW
Max. flow rate: 250m³/h
Max. pump head: 11m
Tank: approx. 350L
Distributor
8 guide vanes, adjustable: -15...45
External diameter: 120mm, internal diameter:

60mm, pitch: 80mm
External diameter: 120mm, internal diameter: 60mm
Rotor, 4 blades, fixed.



Laboratory Instrument India