

Product Name :
Demonstration Francis Turbine

Product Code :
ENGLABINGCAG300009



Description :

Demonstration Francis Turbine

Technical Specification :

FEATURES:

- Design and function of a Francis turbine
- Determination of torque, power and efficiency
- Graphical representation of characteristic curves for torque, power and efficiency
- Determination of mechanical output
- Determination of efficiency
- Recording of characteristic curves
- Investigation of the influence of the guide vane position on the power output
- Velocity triangles

SPECIFICATION:

Turbine:

Output: approx. 350W at 1500min⁻¹, 270L/min, H=15m

Max. Speed: 3000min⁻¹

Rotor:

11 blades

Medium diameter: 60mm

Measuring ranges:
Torque: 0...9,81Nm
Pressure: 0...4bar abs.
Speed: 0...4000min

Distributor:
7 vanes
Angle of attack: 0...20°



Engineering Lab Equipment India