Product name:	Product code:
Operating Principle of a Francis Turbine	Fluid Equipments0018



Description

Operating Principle of a Francis Turbine

Technical specification

- Guide vanes: 6 vanes, adjustable (20 stages)

Measuring ranges

- Braking force (spring balance): 10N
- Pressure: 0...1,0bar

Operating Principle of a Francis Turbine

Specification of **Operating Principle of a Francis Turbine**

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- Function of a Francis turbine
- Transparent housing for observing the operating area
- Loading the turbine by use of the band brake
- Adjustable guide vanes for setting different angles of attack
- Marking on brake drum for non-contact speed measurement

Technical Data

Turbine

- Output: 12W at n=1100min-1, approx. 40L/min,
- H=8m
- Rotor, 7 blades
- Blade width: 5mm
- External diameter: 50mm