

Hydroelectric Turbine Propeller for Power Generation

These propeller (axial flow) hydroelectric power generating sets are suitable for 2 to 30m low head HHP. They are divided into two types: Nagler (fixed blade propeller) and Kaplan (movable blade propeller).



Product Overview

High-Efficiency Axial Flow Turbine

This axial flow hydroelectric turbine propeller is engineered for low-head power generation applications, accommodating head heights ranging from 2 to 30 meters. The set is available in two distinct configurations, specifically the Nagler model featuring fixed blades and the Kaplan model featuring movable blades for adaptive flow control. These turbines are designed for optimal energy conversion and robust performance in modern hydroelectric power plants.

Technical Specifications

Applicable Head Height

2 m

Minimum Head

30 m

Maximum Head

Suitability

- Low head hydroelectric power generation
- HHP (High-efficiency Hydroelectric Power) systems
- Industrial electricity generation projects

Turbine Type

Axial Flow, Nagler (Fixed Blade), Kaplan (Movable Blade)