



Kaplan hydro power turbine specially designed for 8 meters water head and about 5.5 M3/ sec in water flow. This is a vertical shaft design with 1 meter runner diameter. System is normally complete with the Kaplan turbine + generator and speed governor and a control cabinet.

Technical specifications

Turbine design	Kaplan vertical turbine design
Water head	8 meters
Water flow	5.5 M3/sec
Output	320 KW
Runner diameter	1 meter
Runner rated speed	600 RPM
Efficiency	82.5 % at rated point
Run away speed	1200 RPM
Generator	Capacity 320 KW
Voltage	400 volt
Power factor	0.8
Rated speed	600 RPM Runaway speed 1200 RPM
Frequency	50 Kz
Efficiency	91%
Excitation	Brush less design
Control cabinet	Separate unit
Speed governor	Separate with rod to control turbine
Weight for complete system	16 metric tons
Volume of shipmemnt	1 pcs 40 feet container