

D110/19 (DWP)

Main data

Rated power: 110 kW
Rotor diameter: 19.2 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 289.5 m²
Power density: 2.63 m²/kW
Maximum speed: 45 rd/min
Manufacturer: Aerostar

Tower

Minimum hub height: 24 m
Maximum hub height: 24 m

Weights

Nacelle: 6,3 t
Rotor + hub: 2,6 t
Tower: 8,2 t
Total: 17,1 t

Gearbox

Gearbox: yes
Gear ratio: 27
Manufacturer: Kumera

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 16,5 m/s
Cut-off wind speed: 30 m/s

Generator

Type: IND
Number: 1
Maximum speed: 1200 rd/min
Voltage: 480 V