

G128/4500 (Gamesa)

Main data

Rated power: 4500 kW
Rotor diameter: 128 m
Old model
Class: IEC IIa
Offshore model: no
Commissioning: 2009

Rotor

Number of blades: 3
Type: Pitch
Swept area: 12868 m²
Power density: 2.86 m²/kW
Maximum speed: 12 rd/min
Manufacturer: Gamesa

Tower

Minimum hub height: 81 m
Maximum hub height: 140 m

Weights

Rotor + hub: 83,9 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 37,88

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 27 m/s

Generator

Type: PM
Number: 1
Maximum speed: 448 rd/min
Voltage: 690 V
Manufacturer: Gamesa