

S95/2100 (Suzlon)

Main data

Rated power: 2100 kW
Rotor diameter: 95 m
Old model
Class: IEC IIa
Offshore model: no
Commissioning: 2011

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7088.2 m²
Power density: 3.38 m²/kW
Maximum speed: 15,8 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 100 m

Weights

Rotor + hub: 44,5 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 16 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V