

SWT-3.0-113 (Siemens)

Main data

Rated power: 3000 kW
Rotor diameter: 113 m
Old model
Class: IEC IIA
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10028.7 m²
Power density: 3.34 m²/kW
Maximum speed: 15,5 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 79,5 m
Maximum hub height: 142 m

Weights

Nacelle: 78 t
Rotor + hub: 67 t
Tower: 75 t
Total: 220 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 15,5 rd/min
Voltage: 690 V
Manufacturer: Siemens