

SWT-3.0-108 (Siemens)

Main data

Rated power: 3000 kW

Rotor diameter: 108 m

Old model

Class: IEC Ia

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 9160.9 m²

Power density: 3.05 m²/kW

Maximum speed: 16 rd/min

Manufacturer: Siemens

Tower

Minimum hub height: 79,5 m

Maximum hub height: 79,5 m

Weights

Nacelle: 78 t

Rotor + hub: 60 t

Tower: 75 t

Total: 213 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 16 rd/min

Voltage: 690 V

Manufacturer: Siemens