

SWT-3.2-108 (Siemens)

Main data

Rated power: 3200 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: 2.86 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: 11,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 16 rd/min
Voltage: 690 V