

SWT-4.0-130 (Siemens)

Main data

Rated power: 4000 kW
Rotor diameter: 130 m
Old model
Class: IEC Ib
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 13273.2 m²
Power density: 3.32 m²/kW
Maximum speed: 13 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 89,5 m
Maximum hub height: 89,5 m

Weights

Rotor + hub: 100 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 119

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Voltage: 690 V
Manufacturer: Siemens