

SWT-2.3-93 (Siemens)

Main data

Rated power: 2300 kW
Rotor diameter: 93 m
Old model
Class: IEC IIa
Offshore model: yes
Commissioning: 2005

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6792.9 m²
Power density: 2.95 m²/kW
Maximum speed: 16 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 80 m
Maximum hub height: 101 m
Manufacturer: Welcon

Weights

Nacelle: 82 t
Rotor + hub: 60 t
Tower: 194 - 294 t
Total: 336 - 436 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 91
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1600 rd/min
Voltage: 750 - 690 V
Manufacturer: ABB

