

# 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 m<sup>2</sup>  
Power density: 2.95 m<sup>2</sup>/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

