

SWT-3.0-101 (Siemens)

Main data

Rated power: 3000 kW
Rotor diameter: 101 m
Old model
Class: IEC Ia
Offshore model: yes
Commissioning: 2011

Rotor

Number of blades: 3
Type: Pitch
Swept area: 8011.8 m²
Power density: 2.67 m²/kW
Manufacturer: Siemens

Tower

Minimum hub height: 74,5 m
Maximum hub height: 142,5 m

Weights

Nacelle: 73 t
Rotor + hub: 60 t
Tower: 126 t
Total: 259 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM