

SWT-3.15-142 (Siemens)

Main data

Rated power: 3150 kW
Rotor diameter: 142 m
Old model
Class: IEC III
Offshore model: no
Commissioning: 2017

Rotor

Number of blades: 3
Type: Pitch
Swept area: 15836.8 m²
Power density: 5.03 m²/kW
Maximum speed: 13,7 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 109 m
Maximum hub height: 165 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 22,5 m/s

Generator

Type: SYNC PM
Number: 1
Manufacturer: Siemens