

SCD 3.0/115 (Aerodyn Engineering GmbH)

Main data

Rated power: 3000 kW
Rotor diameter: 115 m
Available
Class: TCII B
Offshore model: no
Commissioning: 2013

Rotor

Number of blades: 2
Type: Pitch
Swept area: 10386.9 m²
Power density: 3.46 m²/kW
Maximum speed: 14,95 rd/min

Tower

Minimum hub height: 85 m
Maximum hub height: 85 m

Weights

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 24

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 20 m/s

Generator

Type: SYNC PM
Maximum speed: 410 rd/min