

SCD 3.5/100 nearshore (Aerodyn Engineering Gmb

Main data

Rated power: 3500 kW
Rotor diameter: 100 m
Available
Class: TCIB+ (IEC Ib)
Offshore model: yes

Rotor

Number of blades: 2
Type: Pitch
Swept area: 7854 m²
Power density: 2.24 m²/kW
Maximum speed: 19,1 rd/min

Tower

Minimum hub height: 75 m
Maximum hub height: 75 m

Weights

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 20

Wind speeds

Generator

Type: SYNC PM
Maximum speed: 410 rd/min