

114 3.5 MW (e.n.o. energy)

Main data

Rated power: 3500 kW
Rotor diameter: 114.9 m
Available
Class: IEC IIs (DIBt WZ3/4)
Offshore model: no
Commissioning: 2012

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10368.8 m²
Power density: 2.96 m²/kW
Maximum speed: 11,8 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 92 m
Maximum hub height: 142 m

Weights

Gearbox

Gearbox: yes
Gear ratio: 119

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1570 rd/min
Voltage: 690 V