

100 2.2 MW (e.n.o. energy)

Main data

Rated power: 2200 kW
Rotor diameter: 100.5 m
Available
Class: IEC IIIa (DIBt WZII)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7932.7 m²
Power density: 3.61 m²/kW
Maximum speed: 14,2 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 99 m
Maximum hub height: 99 m

Weights

Gearbox

Gearbox: yes
Gear ratio: 111

Wind speeds

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

Generator

Type: SYNC
Number: 1
Maximum speed: 1576 rd/min
Voltage: 690 V