

109 (Vensys)

Main data

Rated power: 2500 kW
Rotor diameter: 108.9 m
Old model
Class: IEC IIa (DIBt III)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 9314.2 m²
Power density: 3.73 m²/kW
Maximum speed: 13,6 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 95 m
Maximum hub height: 140 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 13,6 rd/min
Voltage: 690 V