136 (Vensys)

Main data

Rated power: 3500 kW
Rotor diameter: 136 m
Available
Class: IEC IIIa (DIBt WZ 2)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 14526.7 m2
Power density: 4.15 m2/kW
Maximum speed: 10,7 rd/min

Tower

Minimum hub height: 81,7 m
Maximum hub height: 161,2 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 22 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 10,7 rd/min
Voltage: 690 V
Manufacturer: Vensys