

82 (Vensys)

Main data

Rated power: 1500 kW
Rotor diameter: 82.3 m
Old model
Class: IEC IIA/IIIA (BIDt WZ2/WZ3)
Offshore model: no
Commissioning: 2008

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5319.7 m²
Power density: 3.55 m²/kW
Maximum speed: 17,3 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 58 m
Maximum hub height: 100 m
Manufacturer: SIAG Tube & Tower

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 22,5 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 17,3 rd/min
Voltage: 690 V
Manufacturer: Vensys