

70 (Vensys)

Main data

Rated power: 1500 kW
Rotor diameter: 70 m
Old model
Class: IEC Ia (DIBt WZ4)
Offshore model: no
Commissioning: 2006

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3848.5 m²
Power density: 2.57 m²/kW
Maximum speed: 19 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 65 m
Maximum hub height: 65 m
Manufacturer: Stag

Weights

Nacelle: 50 t
Rotor + hub: 32 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 19 rd/min
Voltage: 690 V
Manufacturer: Vensys