

D9.1 (Dewind)

Main data

Rated power: 2000 kW

Rotor diameter: 93 m

Old model

Class: IEC IIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 6792.9 m²

Power density: 3.4 m²/kW

Maximum speed: 18,4 rd/min

Manufacturer: Dewind

Tower

Minimum hub height: 80 m

Maximum hub height: 100 m

Weights

Nacelle: 73 t

Total: 185 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 108

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 1700 rd/min

Voltage: 690 V