

D9.2 (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: 18,1 rd/min

Manufacturer: Dewind

Tower

Minimum hub height: 80 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 2

Gear ratio: 28

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC

Number: 1

Maximum speed: 1800 rd/min

Voltage: 13800 V