

WD103-2000 (Windey)

Main data

Rated power: 2000 kW

Rotor diameter: 103 m

Available

Class: IEC Ia

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 8332.3 m²

Power density: 4.17 m²/kW

Maximum speed: 13,4 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 160 m

Weights

Rotor + hub: 85 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 130

Wind speeds

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

Rated wind speed: 10 m/s

Cut-off wind speed: 20 m/s

Generator

Type: DFIG

Number: 1

Maximum speed: 1800 rd/min

Voltage: 690 V