

MM82 (Repower)

Main data

Rated power: 2000 kW
Rotor diameter: 82 m
Old model
Class: IEC Ia (DIBt III)
Offshore model: no
Commissioning: 2003

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5281 m²
Power density: 2.64 m²/kW
Maximum speed: 17,1 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 59 m
Maximum hub height: 100 m

Weights

Nacelle: 66 t
Rotor + hub: 36 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 105,4

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 22 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1800 rd/min
Voltage: 690 V

