

MM82 Evo (Repower)

Main data

Rated power: 2050 kW
Rotor diameter: 82 m
Old model
Class: IEC Ia (DIBt III)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5281 m²
Power density: 2.58 m²/kW
Maximum speed: 17,1 rd/min
Manufacturer: LM Glasfiber

Tower

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

Weights

Rotor + hub: 40 t

Gearbox

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

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 25 m/s

Generator

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