

MM92 (Repower)

Main data

Rated power: 2000 kW
Rotor diameter: 92 m
Old model
Class: IEC IIa (DIBt III)
Offshore model: no
Commissioning: 2005

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6647.6 m²
Power density: 3.32 m²/kW
Maximum speed: 15 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 79 m
Maximum hub height: 100 m

Weights

Nacelle: 66 t
Rotor + hub: 40,7 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 120

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 10,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1440 - 1800 rd/min
Voltage: 575 - 690 V

