

MM100/1800 (Repower)

Main data

Rated power: 1800 kW

Rotor diameter: 100 m

Old model

Class: IEC S/IIa/IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 7854 m²

Power density: 4.36 m²/kW

Maximum speed: 13,9 rd/min

Tower

Minimum hub height: 78 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 104

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 22 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1440 rd/min

Voltage: 575 V