

MM92/2050 (Senvion)

Main data

Rated power: 2050 kW
Rotor diameter: 92.5 m
Available
Class: IEC IIa/IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6720.1 m²
Power density: 3.28 m²/kW
Maximum speed: 15 rd/min
Manufacturer: Power Blades

Tower

Minimum hub height: 63,75 m
Maximum hub height: 100 m

Weights

Nacelle: 71 t
Rotor + hub: 44,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 120
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 22 m/s

Generator

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

