

aM 2.5/103 (Aerovide)

Main data

Rated power: 2500 kW
Rotor diameter: 102.9 m
Available
Class: TC2A (IEC IIa)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 8316.1 m²
Power density: 3.33 m²/kW
Maximum speed: 13,9 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 90 m

Weights

Nacelle: 93,2 t
Rotor + hub: 56,1 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V