

aM 2.5/118 (Aerovide)

Main data

Rated power: 2500 kW
Rotor diameter: 118.3 m
Available
Class: TCS (IEC IIIb)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10991.6 m²
Power density: 4.4 m²/kW
Maximum speed: 13 rd/min

Tower

Minimum hub height: 90 m
Maximum hub height: 120 m

Weights

Nacelle: 93,2 t
Rotor + hub: 53,4 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 10 m/s
Cut-off wind speed: 20 m/s

Generator

Type: DFIG/SYNC PM
Number: 1
Voltage: 690 V