

aM 5.0/139 (Aerovide)

Main data

Rated power: 5000 kW
Rotor diameter: 139 m
Old model
Class: TC2B (IEC IIb)
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 15174.7 m²
Power density: 3.03 m²/kW
Maximum speed: 11,8 rd/min

Tower

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

Weights

Nacelle: 310 t
Rotor + hub: 135 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

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

Generator

Type: SYNC PM
Voltage: 690 - 3300 V

