

aM 5.0/130 (Aerovide)

Main data

Rated power: 5000 kW

Rotor diameter: 130 m

Old model

Class: TC1B (IEC Ib)

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 13273.2 m²

Power density: 2.65 m²/kW

Maximum speed: 12,5 rd/min

Tower

Minimum hub height: 100 m

Maximum hub height: 100 m

Weights

Nacelle: 310 t

Rotor + hub: 119 t

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

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

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Voltage: 690 - 3300 V