

aM 3.0/140 (Aerodyn Energiesysteme GmbH)

Main data

Rated power: 3000 kW
Rotor diameter: 140 m
Old model
Class: TC3A
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 15393.8 m²
Power density: 5.13 m²/kW
Maximum speed: 10,5 rd/min

Tower

Weights

Nacelle: 125 t
Rotor + hub: 73,7 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-off wind speed: 22 m/s

Generator

Type: DFIG
Voltage: 690 V