

aM 5.7/163 (Aerodyn Energiesysteme GmbH)

Main data

Rated power: 5700 kW
Rotor diameter: 163 m
Under development
Class: TC3B
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 20867.2 m²
Power density: 3.66 m²/kW
Maximum speed: 11,5 rd/min

Tower

Weights

Nacelle: 290 t
Rotor + hub: 145 t

Gearbox

Gearbox: yes

Wind speeds

Cut-off wind speed: 22 m/s

Generator

Type: ASG/PMSG
Number: 1
Voltage: 690 - 3300 V