

Aeolus II (MBB)

Main data

Rated power: 3000 kW
Rotor diameter: 80.5 m
Old model
Offshore model: no

Rotor

Number of blades: 2
Swept area: 5089.6 m²
Power density: 1.7 m²/kW
Maximum speed: 21 rd/min

Tower

Minimum hub height: 92 m
Maximum hub height: 92 m

Weights

Nacelle: 64 t
Rotor + hub: 131 t
Tower: 1200 t
Total: 1395 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 73

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 20 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1542 rd/min
Voltage: 660 V