

M1800-600/48 (Micon)

Main data

Rated power: 600 kW
Rotor diameter: 48 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1809.6 m²
Power density: 3.02 m²/kW
Maximum speed: 21 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 60 m
Maximum hub height: 60 m
Manufacturer: Micon

Weights

Nacelle: 23,5 t
Rotor + hub: 18 t
Tower: 55 t
Total: 96,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 72
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 690 V
Manufacturer: Elin