

M1500-600 (Micon)

Main data

Rated power: 600 kW
Rotor diameter: 43 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1452.2 m²
Power density: 2.42 m²/kW
Maximum speed: 27 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 40 m
Maximum hub height: 56,5 m

Weights

Nacelle: 21 t
Rotor + hub: 10 t
Tower: 55 t
Total: 86 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 56
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 15,5 m/s
Cut-off wind speed: 25 m/s

Generator

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