

NM52/900 (Neg Micon)

Main data

Rated power: 900 kW
Rotor diameter: 52.2 m
Old model
Class: IEC I
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 2140.1 m²
Power density: 2.38 m²/kW
Maximum speed: 22,4 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 60 m
Maximum hub height: 74 m

Weights

Nacelle: 24,5 t
Rotor + hub: 16,5 t
Tower: 97 t
Total: 138 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 68
Manufacturer: Flender, Hansen

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 15,5 m/s
Cut-off wind speed: 24 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1511 rd/min
Voltage: 690 V
Manufacturer: Leroy Sommer

