

NM82/1500 (Neg Micon)

Main data

Rated power: 1500 kW

Rotor diameter: 82 m

Old model

Offshore model: no

Commissioning: 2001

Rotor

Number of blades: 3

Type: Stall

Swept area: 5281 m²

Power density: 3.52 m²/kW

Maximum speed: 14,4 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 94 m

Maximum hub height: 109 m

Weights

Nacelle: 48 t

Rotor + hub: 42 t

Tower: 230 t

Total: 320 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 70

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 12,5 m/s

Cut-off wind speed: 16 m/s

Generator

Voltage: 690 V