

NM48/750 (Neg Micon)

Main data

Rated power: 750 kW
Rotor diameter: 48.2 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1824.7 m²
Power density: 2.43 m²/kW
Maximum speed: 22 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 50 m
Maximum hub height: 70 m
Manufacturer: Neg Micon

Weights

Nacelle: 22 t
Rotor + hub: 12 t
Tower: 81 t
Total: 115 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 68
Manufacturer: Brook, Hansen

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 16 m/s
Cut-off wind speed: 25 m/s

Generator

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

