

Näsudden II (Kvaerner Turbin AB)

Main data

Rated power: 3000 kW
Rotor diameter: 80.5 m
Old model
Offshore model: no
Commissioning: 1993

Rotor

Number of blades: 2
Swept area: 5089.6 m²
Power density: 1.7 m²/kW
Maximum speed: 21 rd/min
Manufacturer: MBB

Tower

Minimum hub height: 78 m
Maximum hub height: 78 m

Weights

Nacelle: 131 t
Rotor + hub: 41 t
Tower: 1510 t
Total: 1682 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 73

Wind speeds

Cut-in wind speed: 6 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1542 rd/min
Voltage: 690 V