

Tjæreborg (Elsam)

Main data

Rated power: 2000 kW

Rotor diameter: 61.1 m

Old model

Offshore model: no

Commissioning: 1987

Rotor

Number of blades: 3

Swept area: 2932.1 m²

Power density: 1.47 m²/kW

Maximum speed: 22,4 rd/min

Tower

Minimum hub height: 60 m

Maximum hub height: 60 m

Weights

Nacelle: 143 t

Rotor + hub: 67,5 t

Tower: 645 t

Total: 855,5 t

Gearbox

Gearbox: yes

Gear ratio: 68

Wind speeds

Cut-in wind speed: 5 m/s

Rated wind speed: 17,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1530 rd/min

Voltage: 6000 V