

N3127 (Südwind)

Main data

Rated power: 270 kW
Rotor diameter: 31.4 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 774.4 m²
Power density: 2.87 m²/kW
Maximum speed: 32 rd/min

Tower

Minimum hub height: 41,7 m
Maximum hub height: 50 m

Weights

Nacelle: 13 t
Tower: 34 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 32

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1006 rd/min
Voltage: 400 V