

N117/3000 (Nordex)

Main data

Rated power: 3000 kW
Rotor diameter: 116.8 m
Old model
Class: IEC IIA/IIIA (DIBt III)
Offshore model: no
Commissioning: 2013

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10714.6 m²
Power density: 3.57 m²/kW
Maximum speed: 14,1 rd/min

Tower

Minimum hub height: 91 m
Maximum hub height: 141 m

Weights

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC DF
Voltage: 660 V

