

XD137-4000 (XEMC-Darwind)

Main data

Rated power: 4000 kW
Rotor diameter: 137 m
Old model
Class: IEC II
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 14741.1 m²
Power density: 3.69 m²/kW
Maximum speed: 11 rd/min

Tower

Minimum hub height: 100 m
Maximum hub height: 140 m

Weights

Nacelle: 185 t
Rotor + hub: 111 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 10,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: PM
Number: 1
Maximum speed: 11 rd/min
Voltage: 900 V