

# XD140-4000 (XEMC-Darwind)

## Main data

Rated power: 4000 kW  
Rotor diameter: 140 m  
Available  
Class: IEC II  
Offshore model: no  
Commissioning: 2017

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 15393.8 m<sup>2</sup>  
Power density: 3.85 m<sup>2</sup>/kW  
Maximum speed: 11 rd/min

## Tower

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

## Weights

Nacelle: 188 t  
Rotor + hub: 110 t

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 3 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: 690 V