

# D8.2 (Dewind)

## Main data

Rated power: 2000 kW  
Rotor diameter: 80 m  
Old model  
Class: IEC IIa/IIIa  
Offshore model: no  
Commissioning: 2006

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 5026.5 m<sup>2</sup>  
Power density: 2.51 m<sup>2</sup>/kW  
Maximum speed: 20,7 rd/min

## Tower

Minimum hub height: 80 m  
Maximum hub height: 100 m

## Weights

Nacelle: 73 t  
Tower: 155 t

## Gearbox

Gearbox: yes  
Stages: 2  
Gear ratio: 25

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 11 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: SYNC  
Voltage: 13800 V

