

# BW 2000/93 (Baltic WindWerke (Förde WindWerk))

## Main data

Rated power: 2050 kW  
Rotor diameter: 93 m  
Available  
Class: IEC IIa  
Offshore model: no  
Licence: W2E  
Commissioning: 2017

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 6792.9 m<sup>2</sup>  
Power density: 3.31 m<sup>2</sup>/kW  
Maximum speed: 17,7 rd/min

## Tower

Minimum hub height: 85 m  
Maximum hub height: 141 m

## Weights

Nacelle: 78 t  
Rotor + hub: 45,9 t  
Tower: 165 - 240 t  
Total: 289 - 364 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 76,7

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: DFIG  
Number: 1  
Maximum speed: 1360 rd/min  
Voltage: 690 V