

# B54/1000 (Bonus)

## Main data

Rated power: 1000 kW  
Rotor diameter: 54.1 m  
Old model  
Offshore model: no  
Commissioning: 1997

## Rotor

Number of blades: 3  
Type: Stall  
Swept area: 2298.7 m<sup>2</sup>  
Power density: 2.3 m<sup>2</sup>/kW  
Maximum speed: 22 rd/min  
Manufacturer: LM Glasfiber, Bonus

## Tower

Minimum hub height: 50 m  
Maximum hub height: 70 m

## Weights

Nacelle: 40 t  
Rotor + hub: 25 t  
Tower: 54 - 60 t  
Total: 134 - 145 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 69  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 4 m/s  
Rated wind speed: 17,5 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 690 V  
Manufacturer: ABB