

B76/2000 (Bonus)

Main data

Rated power: 2000 kW

Rotor diameter: 76 m

Old model

Offshore model: yes

Commissioning: 2002

Rotor

Number of blades: 3

Type: Stall

Swept area: 4536.5 m²

Power density: 2.27 m²/kW

Maximum speed: 17 rd/min

Manufacturer: LM Glasfiber, Bonus

Tower

Minimum hub height: 60 m

Maximum hub height: 98 m

Weights

Nacelle: 65 t

Rotor + hub: 38 t

Tower: 162 t

Total: 265 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 89

Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3,5 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