

B50/750 (Bonus)

Main data

Rated power: 750 kW

Rotor diameter: 50 m

Old model

Offshore model: no

Commissioning: 1995

Rotor

Number of blades: 3

Swept area: 1963.5 m²

Power density: 2.62 m²/kW

Maximum speed: 22 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 60 m

Maximum hub height: 70 m

Weights

Nacelle: 50 t

Rotor + hub: 10 t

Tower: 60 t

Total: 120 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 82

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 15 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1500 rd/min

Voltage: 690 V

Manufacturer: ABB