

B44/600 (Bonus)

Main data

Rated power: 600 kW
Rotor diameter: 44 m
Old model
Offshore model: no
Commissioning: 2002

Rotor

Number of blades: 3
Type: Stall
Swept area: 1520.5 m²
Power density: 2.53 m²/kW
Maximum speed: 27 rd/min
Manufacturer: LM Glasfiber, Bonus

Tower

Minimum hub height: 42 m
Maximum hub height: 58 m

Weights

Nacelle: 24 t
Rotor + hub: 9,5 t
Tower: 51 t
Total: 84,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 56
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 16 m/s
Cut-off wind speed: 25 m/s

Generator

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