

B33/300 (Bonus)

Main data

Rated power: 300 kW
Rotor diameter: 33.4 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 876.2 m²
Power density: 2.92 m²/kW
Maximum speed: 31 rd/min
Manufacturer: LM Glasfiber, Bonus

Tower

Minimum hub height: 30 m
Maximum hub height: 40 m

Weights

Nacelle: 17,6 t
Rotor + hub: 3,5 t
Tower: 25 t
Total: 46,1 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 48
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 400 V
Manufacturer: ABB