

B30/100 (Bonus)

Main data

Rated power: 100 kW
Rotor diameter: 30 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 706.9 m²
Power density: 7.07 m²/kW
Maximum speed: 40 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 24 m
Maximum hub height: 30 m

Weights

Nacelle: 2 t
Rotor + hub: 6,7 t
Tower: 9,7 t
Total: 18,4 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 25
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 4,8 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 28 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1000 rd/min
Voltage: 400 V
Manufacturer: ABB