

BW 2500/100 (Baltic WindWerke (Förde WindWerke

Main data

Rated power: 2500 kW
Rotor diameter: 100 m
Available
Class: IEC IIa
Offshore model: no
Licence: W2E
Commissioning: 2017

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 3.14 m²/kW
Maximum speed: 17,2 rd/min

Tower

Minimum hub height: 85 m
Maximum hub height: 160 m

Weights

Nacelle: 96 t
Rotor + hub: 51 t
Tower: 170 - 350 t
Total: 317 - 497 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 75

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC DF
Number: 1
Maximum speed: 1313 rd/min
Voltage: 690 V