BW 4500 (Baltic WindWerke (Förde WindWerk))

Main data

Rated power: 4500 kW
Rotor diameter: 151 m
Available
Class: IEC IIIa
Offshore model: no
Licence: W2E
Commissioning: 2020

Rotor

Number of blades: 3
Type: Pitch
Swept area: 17907.9 m2
Power density: 3.98 m2/kW

Tower

Minimum hub height: 100 m
Maximum hub height: 140 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 20 m/s

Generator

Type: DFIG
Number: 1