

V112/3000 Offshore (Vestas)

Main data

Rated power: 3000 kW
Rotor diameter: 112 m
Old model
Class: IEC IIa
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 9852 m²
Power density: 3.28 m²/kW
Maximum speed: 17,7 rd/min

Tower

Minimum hub height: 84 m
Maximum hub height: 119 m

Weights

Gearbox

Gearbox: yes
Stages: 4

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1