

112-3000 (Vensys)

Main data

Rated power: 3000 kW

Rotor diameter: 112 m

Old model

Class: IEC IIa (DIBt 3)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 9852 m²

Power density: 3.28 m²/kW

Maximum speed: 13,6 rd/min

Tower

Minimum hub height: 93,5 m

Maximum hub height: 140 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 13,6 rd/min

Voltage: 690 V

Manufacturer: Vensys