

120 (Vensys)

Main data

Rated power: 3000 kW

Rotor diameter: 120 m

Old model

Class: IEC IIIa (DIBt 2)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 11309.7 m²

Power density: 3.77 m²/kW

Maximum speed: 12,75 rd/min

Tower

Minimum hub height: 90 m

Maximum hub height: 140 m

Weights

Gearbox

Direct drive

Wind speeds

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

Rated wind speed: 12 m/s

Cut-off wind speed: 22 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 12,75 rd/min

Voltage: 690 V

Manufacturer: Vensys