

3.2M122 (Senvion)

Main data

Rated power: 3200 kW

Rotor diameter: 122 m

Old model

Class: IEC IIIa (BIDt WZ 3, GK II)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 11689.9 m²

Power density: 3.65 m²/kW

Maximum speed: 11,3 rd/min

Tower

Minimum hub height: 136 m

Maximum hub height: 139 m

Weights

Nacelle: 26 t

Gearbox

Gearbox: yes

Stages: 4

Gear ratio: 120

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 20 m/s

Generator

Number: 1

Maximum speed: 1356 rd/min

Voltage: 580 V