

2.3M120 (Senvion)

Main data

Rated power: 2330 kW
Rotor diameter: 120 m
Old model
Class: IEC IIIA/S
Offshore model: no
Commissioning: 2017

Rotor

Number of blades: 3
Type: Pitch
Swept area: 11309.7 m²
Power density: 4.85 m²/kW
Maximum speed: 11,9 rd/min

Tower

Minimum hub height: 90 m
Maximum hub height: 120 m

Weights

Nacelle: 94 t
Rotor + hub: 70,8 t

Gearbox

Gearbox: yes
Gear ratio: 138

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 20 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1000-1815 rd/min
Voltage: 600 V