

3.2M114 (Senvion)

Main data

Rated power: 3200 kW
Rotor diameter: 114 m
Old model
Class: IEC IIIa (DIBt IV)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10207 m²
Power density: 3.19 m²/kW
Maximum speed: 12,6 rd/min
Manufacturer: Power Blades

Tower

Minimum hub height: 93 m
Maximum hub height: 143 m

Weights

Nacelle: 58 t
Rotor + hub: 68,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 99

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 22 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1200 rd/min
Voltage: 950 V

