

3.4M104 (Senvion)

Main data

Rated power: 3400 kW
Rotor diameter: 104 m
Available
Class: IEC IIa (DIBt 4)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 8494.9 m²
Power density: 2.5 m²/kW
Maximum speed: 13,8 rd/min
Manufacturer: Power Blades

Tower

Minimum hub height: 73 m
Maximum hub height: 100 m

Weights

Nacelle: 58 t
Rotor + hub: 60,4 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 87

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1200 rd/min
Voltage: 950 - 30000 V