

2.4M114 (Senvion)

Main data

Rated power: 2430 kW
Rotor diameter: 113 m
Old model
Class: IEC S
Offshore model: no
Commissioning: 2017

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10028.7 m²
Power density: 4.13 m²/kW
Maximum speed: 12,8 rd/min

Tower

Minimum hub height: 95 m
Maximum hub height: 120 m

Weights

Nacelle: 93,2 t
Rotor + hub: 89,6 t

Gearbox

Gearbox: yes
Gear ratio: 117

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 18 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1000-1678 rd/min
Voltage: 600 V