3.4M114 NES (Senvion)

Main data

Rated power: 3400 kW
Rotor diameter: 114 m
Old model
Class: IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10207 m2
Power density: 3 m2/kW
Maximum speed: 11,3 rd/min

Tower

Minimum hub height: 136 m
Maximum hub height: 139 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 120

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 20 m/s

Generator

Number: 1