

3.4M122 NES (Senvion)

Main data

Rated power: 3400 kW
Rotor diameter: 122 m
Old model
Class: IEC IIa, IIIa, S
Offshore model: no
Commissioning: 2016

Rotor

Number of blades: 3
Type: Pitch
Swept area: 11689.9 m²
Power density: 3.44 m²/kW
Maximum speed: 11,3 rd/min

Tower

Minimum hub height: 86 m
Maximum hub height: 139 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 127

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 22 m/s

Generator

Type: IND
Number: 1
Voltage: 10000 - 30000 V