

3.6M114 NES (Senvion)

Main data

Rated power: 3600 kW
Rotor diameter: 114 m
Old model
Class: IEC IIa, S
Offshore model: no
Commissioning: 2016

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10207 m²
Power density: 2.84 m²/kW
Maximum speed: 12,1 rd/min

Tower

Minimum hub height: 90 m
Maximum hub height: 119 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 120

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 21 m/s

Generator

Type: IND
Number: 1
Voltage: 600 V