

3.2M114 NES (Senvion)

Main data

Rated power: 3200 kW

Rotor diameter: 114 m

Old model

Class: IEC S

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 10207 m²

Power density: 3.19 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: 99,5

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 22 m/s

Generator

Number: 1