225/30 (NEPC)

Main data

Rated power: 225 kW
Rotor diameter: 29.8 m
Old model
Class: IEC IIb
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 697.5 m2
Power density: 3.1 m2/kW
Maximum speed: 37,8 rd/min

Tower

Minimum hub height: 30 m
Maximum hub height: 45 m

Weights

Nacelle: 8,5 t
Rotor + hub: 5,5 t
Tower: 14 - 30 t
Total: 28 - 44 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 40

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 415 V