

WES200 (WES)

Main data

Rated power: 200 kW

Rotor diameter: 30 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 706.9 m²

Power density: 3.53 m²/kW

Maximum speed: 70 rd/min

Tower

Minimum hub height: 30 m

Maximum hub height: 50 m

Weights

Gearbox

Gearbox: yes

Stages: 2

Gear ratio: 26,6

Wind speeds

Cut-in wind speed: 2,7 m/s

Rated wind speed: 11,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Voltage: 400 V