

V25/200 (Vestas)

Main data

Rated power: 200 kW

Rotor diameter: 25 m

Old model

Offshore model: no

Commissioning: 1988

Rotor

Number of blades: 3

Type: Pitch

Swept area: 490.9 m²

Power density: 2.45 m²/kW

Maximum speed: 44 rd/min

Manufacturer: Vestas

Tower

Minimum hub height: 30 m

Maximum hub height: 38,5 m

Weights

Nacelle: 7,1 t

Rotor + hub: 3,2 t

Tower: 11,5 t

Total: 21,8 t

Gearbox

Gearbox: yes

Stages: 2

Gear ratio: 23

Manufacturer: Hansen, Flender

Wind speeds

Cut-in wind speed: 4,5 m/s

Rated wind speed: 15 m/s

Cut-off wind speed: 27 m/s

Generator

Type: ASYNC

Number: 2

Maximum speed: 1200 rd/min

Voltage: 480 V

Manufacturer: Siemens, ABB, ASEA

