

V29/225 (Vestas)

Main data

Rated power: 225 kW
Rotor diameter: 29 m
Old model
Offshore model: no
Commissioning: 1995

Rotor

Number of blades: 3
Type: Pitch
Swept area: 660.5 m²
Power density: 2.94 m²/kW
Maximum speed: 40,5 rd/min
Manufacturer: Vestas

Tower

Minimum hub height: 31,5 m
Maximum hub height: 51,5 m

Weights

Nacelle: 7,9 t
Tower: 14 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 25
Manufacturer: Valmet

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 2
Maximum speed: 1008 rd/min
Voltage: 400 V
Manufacturer: Siemens