

GEV 26/220 (Vergnet)

Main data

Rated power: 220 kW
Rotor diameter: 26 m
Old model
Offshore model: no
Commissioning: 1999

Rotor

Number of blades: 2
Type: Stall
Swept area: 530.9 m²
Power density: 2.41 m²/kW
Maximum speed: 51 rd/min
Manufacturer: Vergnet

Tower

Minimum hub height: 50 m
Maximum hub height: 60 m

Weights

Nacelle: 5,4 t
Rotor + hub: 2 t
Tower: 12 t
Total: 19,4 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 30
Manufacturer: CMD

Wind speeds

Cut-in wind speed: 5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 29 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 400 V
Manufacturer: Leroy Somer

