

GEV MP 275/32 (Vergnet)

Main data

Rated power: 275 kW
Rotor diameter: 32 m
Available
Class: IEC III
Offshore model: no
Commissioning: 2004

Rotor

Number of blades: 2
Type: Pitch
Swept area: 804.2 m²
Power density: 2.92 m²/kW
Maximum speed: 46 rd/min
Manufacturer: Aerocomposit Occitane

Tower

Minimum hub height: 55 m
Maximum hub height: 60 m
Manufacturer: Petit Jean, Vergnet

Weights

Nacelle: 4 t
Rotor + hub: 7,8 t
Tower: 9 t
Total: 21 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 32,5
Manufacturer: Bonfiglioli, CMD, Winergy

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 30 m/s

Generator

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

