

D6 (Dewind)

Main data

Rated power: 1250 kW
Rotor diameter: 64.3 m
Available
Class: IEC IIa/IIIa
Offshore model: no
Commissioning: 2001

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3247.2 m²
Power density: 2.6 m²/kW
Maximum speed: 24,8 rd/min

Tower

Minimum hub height: 60 m
Maximum hub height: 91,5 m

Weights

Nacelle: 44 t
Rotor + hub: 30 t
Tower: 116 t
Total: 190 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 54
Manufacturer: Moventas

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 23 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1000 rd/min
Voltage: 690 V

