

D4 (Dewind)

Main data

Rated power: 600 kW
Rotor diameter: 48 m
Old model
Class: IEC III
Offshore model: no
Commissioning: 1996

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1809.6 m²
Power density: 3.02 m²/kW
Maximum speed: 29,2 rd/min

Tower

Minimum hub height: 45 m
Maximum hub height: 70 m

Weights

Nacelle: 24 t
Rotor + hub: 11,5 t
Tower: 63 t
Total: 98,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 45

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 19 m/s

Generator

Type: ASYNC DF
Number: 1
Maximum speed: 1330 rd/min
Voltage: 690 V

