600/41 (GET Danwin)

Main data

Rated power: 600 kW
Rotor diameter: 41 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 1320.3 m2
Power density: 2.2 m2/kW
Maximum speed: 27,8 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 50 m
Maximum hub height: 70 m

Weights

Nacelle: 22,4 t
Tower: 90 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 54

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: 1
Maximum speed: 1500 rd/min
Voltage: 690 V