

43/600 (Jacobs)

Main data

Rated power: 600 kW
Rotor diameter: 43 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1452.2 m²
Power density: 2.42 m²/kW
Maximum speed: 27 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 40 m
Maximum hub height: 60 m

Weights

Nacelle: 23 t
Rotor + hub: 12,4 t
Tower: 62 t
Total: 97,4 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 57
Manufacturer: Köllmann

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: IND
Number: 1
Maximum speed: 1520 rd/min
Voltage: 690 V
Manufacturer: Lohr