

41/500 (Jacobs)

Main data

Rated power: 500 kW
Rotor diameter: 41 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 1320.3 m²
Power density: 2.64 m²/kW
Maximum speed: 26,8 rd/min

Tower

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

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 56
Manufacturer: Köllmann

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: IND
Number: 1
Maximum speed: 1515 rd/min
Voltage: 690 V