

WEG MS-4 (WEG Wind EnergyGroup)

Main data

Rated power: 600 kW
Rotor diameter: 41 m
Old model
Offshore model: no
Commissioning: 1997

Rotor

Number of blades: 3
Swept area: 1320.3 m²
Power density: 2.2 m²/kW
Maximum speed: 29 rd/min

Tower

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

Weights

Nacelle: 22,7 t
Rotor + hub: 8,5 t
Tower: 31 t
Total: 62,2 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 51
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 4 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: 660 V