

# WEG MS-3 (WEG Wind EnergyGroup)

## Main data

Rated power: 300 kW  
Rotor diameter: 33 m  
Old model  
Offshore model: no  
Commissioning: 1988

## Rotor

Number of blades: 3  
Swept area: 855.3 m<sup>2</sup>  
Power density: 2.85 m<sup>2</sup>/kW  
Maximum speed: 48 rd/min

## Tower

Minimum hub height: 25 m  
Maximum hub height: 30 m

## Weights

Rotor + hub: 4,5 t  
Tower: 13 t

## Gearbox

Gearbox: yes  
Stages: 2  
Gear ratio: 38  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 5,5 m/s  
Rated wind speed: 11 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1836 rd/min  
Voltage: 480 V