

A1200 (Autoflug)

Main data

Rated power: 1200 kW

Rotor diameter: 61 m

Old model

Offshore model: no

Rotor

Number of blades: 2

Type: Pitch

Swept area: 2922.5 m²

Power density: 2.44 m²/kW

Maximum speed: 20,7 rd/min

Tower

Minimum hub height: 60 m

Maximum hub height: 60 m

Weights

Nacelle: 89 t

Tower: 90 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 75

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1512 rd/min

Voltage: 690 V