

W2000/93 (Shanghai Electric)

Main data

Rated power: 2000 kW
Rotor diameter: 93 m
Old model
Class: IEC IIIa+
Offshore model: yes

Rotor

Number of blades: 3
Swept area: 6792.9 m²
Power density: 3.4 m²/kW
Maximum speed: 16,8 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 105 m

Weights

Nacelle: 80 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 118

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1812 rd/min
Voltage: 690 V