W3600/116 (Shanghai Electric)

Main data

Rated power: 3600 kW
Rotor diameter: 116 m
Available
Class: IEC IIIa
Offshore model: no
Commissioning: 2010

Rotor

Number of blades: 3
Swept area: 10568.3 m2
Power density: 2.94 m2/kW
Maximum speed: 15,4 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1