

H93-2000 (CSIC HZ Windpower)

Main data

Rated power: 2000 kW
Rotor diameter: 92.8 m
Available
Class: IEC IIIa
Offshore model: no
Commissioning: 2009

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6763.7 m²
Power density: 3.38 m²/kW

Tower

Minimum hub height: 70 m
Maximum hub height: 80 m

Weights

Nacelle: 87 t
Rotor + hub: 45,3 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Maximum speed: 1755 rd/min
Voltage: 690 V