

HW92 1.5 MW (Hewind)

Main data

Rated power: 1500 kW
Rotor diameter: 92 m
Available
Class: IEC IIIb
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6647.6 m²
Power density: 4.43 m²/kW

Tower

Minimum hub height: 80 m
Maximum hub height: 90 m

Weights

Nacelle: 59 t
Rotor + hub: 34,5 t
Tower: 133 - 143 t
Total: 261 - 271 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 9,6 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Voltage: 690 V