

HW103 2.5 MW (Hewind)

Main data

Rated power: 2500 kW
Rotor diameter: 103 m
Available
Class: IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 8332.3 m²
Power density: 3.33 m²/kW

Tower

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

Weights

Nacelle: 102 t
Rotor + hub: 57 t
Tower: 190 - 200 t
Total: 349 - 359 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,7 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Voltage: 690 V