

HW43 600 kW (Hewind)

Main data

Rated power: 600 kW
Rotor diameter: 43 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1452.2 m²
Power density: 2.42 m²/kW
Maximum speed: 26,8 rd/min

Tower

Minimum hub height: 38,5 m
Maximum hub height: 48,5 m

Weights

Nacelle: 22 t
Rotor + hub: 13 t
Tower: 47 - 52 t
Total: 82 - 85 t

Gearbox

Gearbox: yes
Gear ratio: 56,56

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 25 m/s

Generator

Voltage: 690 V