

23/160 (Danwin)

Main data

Rated power: 160 kW
Rotor diameter: 23 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 415.5 m²
Power density: 2.6 m²/kW
Maximum speed: 42 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 23 m
Maximum hub height: 23 m

Weights

Nacelle: 7,5 t
Rotor + hub: 5 t
Tower: 13 t
Total: 25,5 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1800 rd/min