

LTW90-2000 (Leitwind)

Main data

Rated power: 2000 kW
Rotor diameter: 90.3 m
Available
Class: IEC IIIa
Offshore model: no
Commissioning: 2016

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6404.2 m²
Power density: 3.2 m²/kW
Maximum speed: 16 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 97,5 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 16 rd/min
Voltage: 690 V