

LTW101-3000 (Leitwind)

Main data

Rated power: 3000 kW
Rotor diameter: 100.9 m
Available
Class: IEC IIa
Offshore model: no
Commissioning: 2013

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7996 m²
Power density: 2.67 m²/kW
Maximum speed: 14,4 rd/min

Tower

Minimum hub height: 95 m
Maximum hub height: 143 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 14,4 rd/min
Voltage: 690 V
Manufacturer: Leitner