

FL 3000/120 (Fuhrländer)

Main data

Rated power: 3000 kW
Rotor diameter: 120 m
Old model
Class: IEC IIa
Offshore model: no
Commissioning: 2012

Rotor

Number of blades: 3
Type: Pitch
Swept area: 11309.7 m²
Power density: 3.77 m²/kW
Maximum speed: 14,8 rd/min

Tower

Minimum hub height: 90 m
Maximum hub height: 140 m

Weights

Gearbox

Gearbox: yes
Gear ratio: 43
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: PM
Voltage: 690 V
Manufacturer: Winergy