

# FL 2500/80 (Fuhrländer)

## Main data

Rated power: 2500 kW

Rotor diameter: 80 m

Old model

Class: IEC Ia

Offshore model: no

## Rotor

Number of blades: 3

Type: Pitch

Swept area: 5026.5 m<sup>2</sup>

Power density: 2.01 m<sup>2</sup>/kW

Maximum speed: 20,4 rd/min

## Tower

Minimum hub height: 65 m

Maximum hub height: 160 m

## Weights

Nacelle: 96 t

Rotor + hub: 48 t

Tower: 170 - 350 t

Total: 314 - 494 t

## Gearbox

## Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 15 m/s

Cut-off wind speed: 25 m/s

## Generator

Type: DFIG