

750i (Enron)

Main data

Rated power: 750 kW

Rotor diameter: 50 m

Old model

Offshore model: no

Commissioning: 1999

Rotor

Number of blades: 3

Type: Pitch

Swept area: 1963.5 m²

Power density: 2.62 m²/kW

Maximum speed: 32,3 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 55 m

Maximum hub height: 55 m

Weights

Nacelle: 21,9 t

Rotor + hub: 14,5 t

Tower: 49 t

Total: 85,4 t

Gearbox

Gearbox: yes

Stages: 2

Gear ratio: 41

Manufacturer: Jahnel Kestermann

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 11,3 m/s

Cut-off wind speed: 29 m/s

Generator

Type: ASYNC DF

Number: 1

Maximum speed: 1310 rd/min

Voltage: 690 V