

B37/450 (Bonus)

Main data

Rated power: 450 kW

Rotor diameter: 37 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Stall

Swept area: 1075.2 m²

Power density: 2.39 m²/kW

Maximum speed: 30 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 35 m

Maximum hub height: 42 m

Weights

Nacelle: 24 t

Tower: 27 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 50

Manufacturer: Flender

Wind speeds

Cut-in wind speed: 4,5 m/s

Rated wind speed: 16 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1500 rd/min

Voltage: 690 V

Manufacturer: ABB