

3.6sl (GE Energy)

Main data

Rated power: 3600 kW

Rotor diameter: 111 m

Old model

Class: IEC TC I

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 9676.9 m²

Power density: 2.69 m²/kW

Maximum speed: 15,3 rd/min

Manufacturer: GFK, Epoxydharz

Tower

Weights

Nacelle: 185 t

Rotor + hub: 83 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 118

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 15,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 2000 rd/min

Voltage: 690 V