

20 (Ecotecnia)

Main data

Rated power: 150 kW

Rotor diameter: 20 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Stall

Swept area: 314.2 m²

Power density: 2.09 m²/kW

Maximum speed: 45 rd/min

Tower

Minimum hub height: 30 m

Maximum hub height: 30 m

Weights

Gearbox

Gearbox: yes

Stages: 2

Gear ratio: 22

Wind speeds

Cut-in wind speed: 5 m/s

Rated wind speed: 14,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1000 rd/min

Voltage: 380 V