

S 20 110 (Seewind)

Main data

Rated power: 110 kW
Rotor diameter: 22 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 380.1 m²
Power density: 3.46 m²/kW
Maximum speed: 41,5 rd/min
Manufacturer: SeeWind

Tower

Minimum hub height: 25 m
Maximum hub height: 31 m

Weights

Nacelle: 5,4 t
Rotor + hub: 1,2 t
Tower: 12,1 t
Total: 18,7 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 37
Manufacturer: Lohmann

Wind speeds

Cut-in wind speed: 2,8 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 400 V