

Liberty C93 (Clipper)

Main data

Rated power: 2500 kW
Rotor diameter: 93 m
Old model
Class: IEC IIa
Offshore model: no
Commissioning: 2005

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6792.9 m²
Power density: 2.72 m²/kW
Maximum speed: 15,5 rd/min

Tower

Minimum hub height: 80 m
Maximum hub height: 80 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 4
Maximum speed: 15,5 rd/min
Voltage: 690 V