Adler 25 (Köster)

Main data

Rated power: 165 kW
Rotor diameter: 25 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 490.9 m2
Power density: 2.97 m2/kW
Maximum speed: 50 rd/min

Tower

Minimum hub height: 32 m
Maximum hub height: 32 m

Weights

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 20

Wind speeds

Cut-in wind speed: 3,4 m/s
Rated wind speed: 13,5 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC
Maximum speed: 1000 rd/min
Voltage: 400 V