

AD 5-132 (Adwen)

Main data

Rated power: 5000 kW
Rotor diameter: 132 m
Old model
Class: IEC IIa
Offshore model: yes
Commissioning: 2014

Rotor

Number of blades: 3
Type: Pitch
Swept area: 13684.8 m²
Power density: 2.74 m²/kW

Tower

Minimum hub height: 80 m
Maximum hub height: 94 m

Weights

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 41,405

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 10 m/s
Cut-off wind speed: 30 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 490 rd/min
Voltage: 690 V