AD 5-135 (Adwen)

Main data

Rated power: 5000 kW
Rotor diameter: 135 m
Old model
Class: IEC I (GL-TK 1 & GL-TK S)
Offshore model: yes
Commissioning: 2015

Rotor

Number of blades: 3
Type: Pitch
Swept area: 14313.9 m2
Power density: 2.86 m2/kW
Maximum speed: 13,5 rd/min

Tower

Weights

Gearbox

Gearbox: yes
Stages: 1
Gear ratio: 10

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11,4 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Maximum speed: 133,5 rd/min
Voltage: 3300 V