

# AD 5-135 (Adwen)

## Main data

Rated power: 5000 kW  
Rotor diameter: 135 m  
Available  
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 m<sup>2</sup>  
Power density: 2.86 m<sup>2</sup>/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