

M5000-135 (Areva)

Main data

Rated power: 5000 kW
Rotor diameter: 135 m
Old model
Class: GL-TK 1 & GL-TK S
Offshore model: yes

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

Rotor + hub: 140 t

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
Number: 1
Maximum speed: 133,5 rd/min
Voltage: 3300 V