

WindDane 31 (Danish Wind Technology)

Main data

Rated power: 340 kW
Rotor diameter: 30.8 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 745.1 m²
Power density: 2.19 m²/kW
Maximum speed: 42 rd/min

Tower

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 43,99

Wind speeds

Cut-in wind speed: 6,5 m/s
Rated wind speed: 13,5 m/s
Cut-off wind speed: 25 m/s

Generator

Number: 1
Maximum speed: 480 rd/min
Voltage: 1825 V