D9 (Dewind)

Main data

Rated power: 2000 kW
Rotor diameter: 93 m
Old model
Class: IEC IIa
Offshore model: no
Commissioning: 2011

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6792.9 m2
Power density: 3.4 m2/kW
Maximum speed: 18,4 rd/min
Manufacturer: Dewind

Tower

Minimum hub height: 80 m
Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 106

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Voltage: 690 V