Tornado 250/26 (Dencon)

Main data

Rated power: 250 kW
Rotor diameter: 25.5 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 510.7 m2
Power density: 2.04 m2/kW
Maximum speed: 34 rd/min
Manufacturer: AeroStar

Tower

Minimum hub height: 31,5 m
Maximum hub height: 31,5 m

Weights

Rotor + hub: 4,9 t
Tower: 10,3 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 0,0333

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: IND
Number: 1
Maximum speed: 1000 rd/min
Voltage: 400 V