

N43/600 (Nordex)

Main data

Rated power: 600 kW
Rotor diameter: 43 m
Old model
Offshore model: no
Commissioning: 1995

Rotor

Number of blades: 3
Type: Stall
Swept area: 1452.2 m²
Power density: 2.42 m²/kW
Maximum speed: 26,9 rd/min

Tower

Minimum hub height: 40 m
Maximum hub height: 78 m

Weights

Nacelle: 24 t
Rotor + hub: 17 t
Tower: 67 t
Total: 108 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 56
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC DF
Number: 1
Maximum speed: 1513 rd/min
Voltage: 690 V

