

NTK600/43 (Nordtank)

Main data

Rated power: 600 kW
Rotor diameter: 43 m
Old model
Offshore model: yes

Rotor

Number of blades: 3
Swept area: 1452.2 m²
Power density: 2.42 m²/kW
Maximum speed: 17,9 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 44,5 m
Maximum hub height: 60 m
Manufacturer: Nordtank

Weights

Nacelle: 20 t
Rotor + hub: 6 t
Tower: 60 t
Total: 86 t

Gearbox

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

Wind speeds

Cut-in wind speed: 4,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1000 rd/min
Voltage: 690 V
Manufacturer: Siemens