

# NTK300/31 (Nordtank)

## Main data

Rated power: 300 kW  
Rotor diameter: 31 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Stall  
Swept area: 754.8 m<sup>2</sup>  
Power density: 2.52 m<sup>2</sup>/kW  
Maximum speed: 33 rd/min  
Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 31 m  
Maximum hub height: 35 m

## Weights

Nacelle: 12,8 t  
Rotor + hub: 3,5 t  
Tower: 22,8 t  
Total: 39,1 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 45  
Manufacturer: Jahnelt Kestermann

## Wind speeds

Cut-in wind speed: 5,5 m/s  
Rated wind speed: 15 m/s  
Cut-off wind speed: 23 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 400 - 690 V  
Manufacturer: Siemens, ABB