

150XLR (Nordtank)

Main data

Rated power: 150 kW
Rotor diameter: 24.6 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 475.3 m²
Power density: 3.17 m²/kW
Maximum speed: 38 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 32,5 m
Maximum hub height: 32,5 m

Weights

Nacelle: 6 t
Tower: 11 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 40
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 5 m/s
Rated wind speed: 13,5 m/s
Cut-off wind speed: 15 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1520 rd/min
Voltage: 400 V
Manufacturer: ABB