

N27/150 (Nordex)

Main data

Rated power: 150 kW

Rotor diameter: 27 m

Old model

Offshore model: no

Commissioning: 1988

Rotor

Number of blades: 3

Type: Stall

Swept area: 572.6 m²

Power density: 3.82 m²/kW

Maximum speed: 36 rd/min

Tower

Minimum hub height: 30 m

Maximum hub height: 50 m

Weights

Gearbox

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Number: 2