

54-ASR-750 kW (Norwin)

Main data

Rated power: 750 kW

Rotor diameter: 54 m

Available

Class: IEC IIb

Offshore model: no

Rotor

Number of blades: 3

Type: Stall

Swept area: 2290.2 m²

Power density: 3.05 m²/kW

Maximum speed: 25,2 rd/min

Tower

Minimum hub height: 40 m

Maximum hub height: 65 m

Weights

Nacelle: 23,5 t

Rotor + hub: 11 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 20 m/s

Generator

Type: ASYNC

Maximum speed: 1600 - 1920 rd/min

Voltage: 690 V