29-STALL-200 kW (Norwin)

Main data

Rated power: 200 kW
Rotor diameter: 29 m
Available
Class: IEC I
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 660.5 m2
Power density: 3.3 m2/kW
Maximum speed: 38 rd/min

Tower

Minimum hub height: 30 m
Maximum hub height: 50 m

Weights

Nacelle: 7,6 t
Rotor + hub: 5,3 t
Tower: 13,3 - 20,7 t
Total: 26,2 - 33,6 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 16 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Maximum speed: 1600 - 1920 rd/min
Voltage: 400 - 480 V