

S33/350 (Suzlon)

Main data

Rated power: 350 kW
Rotor diameter: 33.4 m
Old model
Class: IEC III
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 876.2 m²
Power density: 2.5 m²/kW
Maximum speed: 32 rd/min

Tower

Minimum hub height: 50 m
Maximum hub height: 70 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 32

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1006 rd/min
Voltage: 400 V