

SL 3000/105 (Sinovel)

Main data

Rated power: 3000 kW

Rotor diameter: 105 m

Available

Class: IEC IIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 8659 m²

Power density: 2.89 m²/kW

Tower

Minimum hub height: 80 m

Maximum hub height: 110 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1200 rd/min

Voltage: 690 V