

18-100 (PowerWorks)

Main data

Rated power: 100 kW
Rotor diameter: 18 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 254.5 m²
Power density: 2.54 m²/kW

Tower

Minimum hub height: 18 m
Maximum hub height: 24 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 5,5 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 20 m/s

Generator

Type: IND
Maximum speed: 1800 rd/min
Voltage: 380 - 480 V