

AE-20 (Made)

Main data

Rated power: 150 kW
Rotor diameter: 20 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 314.2 m²
Power density: 2.09 m²/kW
Maximum speed: 46 rd/min

Tower

Minimum hub height: 21 m
Maximum hub height: 28 m

Weights

Nacelle: 8,1 t
Tower: 12,3 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 22

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: 1000 rd/min
Voltage: 400 V