

108 US (Micon)

Main data

Rated power: 108 kW
Rotor diameter: 18.9 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 280.6 m²
Power density: 2.6 m²/kW
Maximum speed: 31 rd/min

Tower

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

Weights

Nacelle: 6,3 t
Rotor + hub: 4,5 t
Tower: 7,2 t
Total: 18 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 30 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1200 rd/min
Voltage: 480 V