

Z-40-FS (Zond)

Main data

Rated power: 550 kW
Rotor diameter: 40 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 1256.6 m²
Power density: 2.28 m²/kW
Maximum speed: 29,5 rd/min

Tower

Minimum hub height: 39 m
Maximum hub height: 52 m

Weights

Rotor + hub: 9,2 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 34

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 29,1 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1000 rd/min
Voltage: 690 V