

HSW 1000/57 (HSW Husumer Schiffswerft)

Main data

Rated power: 1050 kW
Rotor diameter: 57 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 2551.8 m²
Power density: 2.43 m²/kW
Maximum speed: 22,9 rd/min

Tower

Minimum hub height: 55 m
Maximum hub height: 70 m

Weights

Nacelle: 65,7 t
Rotor + hub: 18 t
Tower: 72 t
Total: 155,7 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 68
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 690 V