

# 1000 (HSW Husumer Schiffswerft)

## Main data

Rated power: 1000 kW  
Rotor diameter: 54 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 2290.2 m<sup>2</sup>  
Power density: 2.29 m<sup>2</sup>/kW  
Maximum speed: 24,4 rd/min

## Tower

Minimum hub height: 52 m  
Maximum hub height: 55 m

## Weights

Nacelle: 68 t  
Tower: 88 t

## Gearbox

Gearbox: yes  
Stages: 2  
Gear ratio: 64  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 5 m/s  
Rated wind speed: 13,2 m/s  
Cut-off wind speed: 28 m/s

## Generator

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