

# BWU 57-1000 (BWU)

## Main data

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

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 2551.8 m<sup>2</sup>  
Power density: 2.43 m<sup>2</sup>/kW  
Maximum speed: 23 rd/min

## Tower

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

## Weights

Nacelle: 63 t  
Rotor + hub: 18 t  
Tower: 88 t  
Total: 169 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 67  
Manufacturer: Renk

## 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

