

BWU 48-750 (BWU)

Main data

Rated power: 750 kW
Rotor diameter: 48.4 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1839.8 m²
Power density: 2.45 m²/kW
Maximum speed: 21 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 50 m
Maximum hub height: 75 m

Weights

Nacelle: 20 t
Rotor + hub: 14,1 t
Tower: 80 t
Total: 114,1 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 67
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC DF
Number: 1
Maximum speed: 1520 rd/min
Voltage: 690 V