

250 (HSW Husumer Schiffswerft)

Main data

Rated power: 250 kW
Rotor diameter: 28.5 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 637.9 m²
Power density: 2.55 m²/kW
Maximum speed: 39,3 rd/min

Tower

Minimum hub height: 28 m
Maximum hub height: 28 m

Weights

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 38

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 23 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 400 V
Manufacturer: Lloyd