

S 52 750 (Seewind)

Main data

Rated power: 750 kW
Rotor diameter: 52 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 2123.7 m²
Power density: 2.83 m²/kW
Maximum speed: 22 rd/min

Tower

Minimum hub height: 44 m
Maximum hub height: 73,5 m

Weights

Nacelle: 23 t
Rotor + hub: 16 t
Tower: 73 t
Total: 112 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 68
Manufacturer: Jahnelt Kestermann

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 20 m/s

Generator

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