

D4-500 (Dewind)

Main data

Rated power: 500 kW
Rotor diameter: 41 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 1320.3 m²
Power density: 2.64 m²/kW
Maximum speed: 30 rd/min
Manufacturer: Rotorline

Tower

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

Weights

Nacelle: 24 t
Tower: 50 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 52
Manufacturer: PIV

Wind speeds

Cut-in wind speed: 2,5 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
Manufacturer: Loher