

Windflow 45-500 (WindFlow)

Main data

Rated power: 500 kW
Rotor diameter: 45 m
Old model
Class: IEC II
Offshore model: no
Commissioning: 2016

Rotor

Number of blades: 2
Type: Pitch
Swept area: 1590.4 m²
Power density: 3.18 m²/kW

Tower

Minimum hub height: 31,5 m
Maximum hub height: 47 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4,5 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Voltage: 415 - 480 V