

Floda 600 (Windtec)

Main data

Rated power: 600 kW
Rotor diameter: 45.8 m
Old model
Offshore model: no
Commissioning: 1990

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1647.5 m²
Power density: 2.75 m²/kW
Manufacturer: Aeroconstruct

Tower

Minimum hub height: 40 m
Maximum hub height: 60 m

Weights

Nacelle: 27 t
Rotor + hub: 11 t
Tower: 60 t
Total: 98 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 34
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 35 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1200 rd/min
Voltage: 690 V
Manufacturer: ABB