W4500/750 (Wind World)

Main data

Rated power: 750 kW
Rotor diameter: 45.4 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1618.8 m2
Power density: 2.16 m2/kW
Maximum speed: 30 rd/min

Tower

Minimum hub height: 41,5 m
Maximum hub height: 65 m

Weights

Nacelle: 25 t
Tower: 54 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 60

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

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