

P750/49 (Pioneer Wincon)

Main data

Rated power: 750 kW
Rotor diameter: 49 m
Available
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1885.7 m²
Power density: 2.51 m²/kW
Maximum speed: 22,4 rd/min

Tower

Minimum hub height: 50 m
Maximum hub height: 73 m

Weights

Nacelle: 25 t
Rotor + hub: 14 t
Tower: 55 t
Total: 94 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 67,68

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

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