

J48/750 (Jeumont)

Main data

Rated power: 750 kW

Rotor diameter: 48 m

Old model

Offshore model: no

Commissioning: 1999

Rotor

Number of blades: 3

Type: Stall

Swept area: 1809.6 m²

Power density: 2.41 m²/kW

Maximum speed: 26 rd/min

Tower

Minimum hub height: 46 m

Maximum hub height: 46 m

Weights

Nacelle: 30 t

Rotor + hub: 9 t

Tower: 40 t

Total: 79 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Maximum speed: 26 rd/min

Voltage: 690 V

