

WT10000dd/190 SeaTitan (Windtec)

Main data

Rated power: 10000 kW

Rotor diameter: 190 m

Under development

Class: TCIB

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 28352.9 m²

Power density: 2.84 m²/kW

Maximum speed: 10 rd/min

Tower

Minimum hub height: 125 m

Maximum hub height: 125 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 11,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC

Maximum speed: 10 rd/min