V164/8000 (MHI Vestas Offshore)

Main data

Rated power: 8000 kW
Rotor diameter: 164 m
Old model
Class: IEC S
Offshore model: yes
Commissioning: 2014

Rotor

Number of blades: 3
Type: Pitch
Swept area: 21124.1 m2
Power density: 2.64 m2/kW
Maximum speed: 12,1 rd/min

Tower

Weights

Nacelle: 390 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: PM