

E53/800 (Wobben)

Main data

Rated power: 800 kW
Rotor diameter: 52.9 m
Old model
Class: IEC S (WZ II exp)
Offshore model: no
Licence: Enercon

Rotor

Number of blades: 3
Type: Pitch
Swept area: 2197.9 m²
Power density: 2.75 m²/kW
Maximum speed: 29,5 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 60 m
Maximum hub height: 75 m
Manufacturer: SAM

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC Wounded
Number: 1
Maximum speed: 28,3 rd/min
Voltage: 400 - 690 V
Manufacturer: Enercon