

E32/300 (Enercon)

Main data

Rated power: 300 kW
Rotor diameter: 32 m
Old model
Offshore model: no
Commissioning: 1989

Rotor

Number of blades: 3
Swept area: 804.2 m²
Power density: 2.68 m²/kW
Maximum speed: 39 rd/min
Manufacturer: Aerpac

Tower

Minimum hub height: 34 m
Maximum hub height: 34 m

Weights

Nacelle: 20 t
Tower: 40 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 34

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1326 rd/min
Voltage: 280 V
Manufacturer: Piller