

33 M-VS (Kenetech)

Main data

Rated power: 410 kW
Rotor diameter: 33 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 855.3 m²
Power density: 2.09 m²/kW
Maximum speed: 54 rd/min
Manufacturer: Kenetech

Tower

Minimum hub height: 25 m
Maximum hub height: 31 m

Weights

Nacelle: 10 t
Rotor + hub: 4 t
Tower: 52 t
Total: 66 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 45

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 28,5 m/s

Generator

Type: ASYNC
Number: 2
Voltage: 480 V