

USW33 (Kenetech)

Main data

Rated power: 360 kW

Rotor diameter: 33 m

Old model

Offshore model: no

Commissioning: 1991

Rotor

Number of blades: 3

Type: Stall

Swept area: 855.3 m²

Power density: 2.38 m²/kW

Maximum speed: 54 rd/min

Manufacturer: Kenetech

Tower

Minimum hub height: 24 m

Maximum hub height: 30 m

Weights

Nacelle: 10 t

Tower: 52 t

Gearbox

Gearbox: yes

Stages: 2

Gear ratio: 45

Wind speeds

Cut-in wind speed: 4 m/s

Cut-off wind speed: 21 m/s

Generator

Type: ASYNC

Number: 2

Voltage: 380 V