

G1650/82 (Ghodawat)

Main data

Rated power: 1650 kW

Rotor diameter: 82 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5281 m²

Power density: 3.2 m²/kW

Maximum speed: 18,2 rd/min

Tower

Minimum hub height: 68 m

Maximum hub height: 78 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 99

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 20 m/s

Generator

Type: ASYNC DF

Number: 1

Voltage: 690 V