

122 (Alstom Power)

Main data

Rated power: 2700 kW

Rotor diameter: 122 m

Available

Class: IEC IIIa/lib

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 11689.9 m²

Power density: 4.33 m²/kW

Maximum speed: 12,3 rd/min

Tower

Minimum hub height: 89 m

Maximum hub height: 139 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC DF

Number: 1

Voltage: 1000 V