

HJWT1500/77 (Hanjin)

Main data

Rated power: 1500 kW

Rotor diameter: 77 m

Available

Class: IEC IIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 4656.6 m²

Power density: 3.1 m²/kW

Maximum speed: 17 rd/min

Tower

Minimum hub height: 70 m

Maximum hub height: 80 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 109

Wind speeds

Cut-in wind speed: 4,5 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: IND

Number: 1

Maximum speed: 1850 rd/min

Voltage: 690 V