

HTW2.0-80 (Hitachi)

Main data

Rated power: 2000 kW
Rotor diameter: 80 m
Available
Class: IEC Ia
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5026.5 m²
Power density: 2.51 m²/kW
Maximum speed: 19,6 rd/min

Tower

Minimum hub height: 65 m
Maximum hub height: 78 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 120

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1736 - 2098 rd/min
Voltage: 1400 V
Manufacturer: Hitachi