

HS50-750kW (Hyosung)

Main data

Rated power: 750 kW
Rotor diameter: 50 m
Old model
Class: IEC Ia
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1963.5 m²
Power density: 2.62 m²/kW
Maximum speed: 27,8 rd/min

Tower

Minimum hub height: 50 m
Maximum hub height: 50 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 71,2

Wind speeds

Cut-in wind speed: 4,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1980 rd/min
Voltage: 690 V
Manufacturer: Hyosung