

SEPC 250T (Shriram EPC)

Main data

Rated power: 250 kW
Rotor diameter: 28.5 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 637.9 m²
Power density: 2.55 m²/kW
Maximum speed: 46 rd/min
Manufacturer: Shriram EPC

Tower

Minimum hub height: 40 m
Maximum hub height: 48,5 m
Manufacturer: Shriram EPC

Weights

Nacelle: 10,5 t
Rotor + hub: 2,8 t
Tower: 32,8 t
Total: 46,1 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 38

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 23 m/s

Generator

Type: ASYNC
Number: 1
Voltage: 415 V