

800KVA (BEST-Romani)

Main data

Rated power: 640 kW
Rotor diameter: 30.2 m
Old model
Offshore model: no
Commissioning: 1958

Rotor

Number of blades: 3
Swept area: 716.3 m²
Power density: 1.12 m²/kW
Maximum speed: 47,3 rd/min

Tower

Minimum hub height: 32 m
Maximum hub height: 32 m

Weights

Nacelle: 25 t
Rotor + hub: 8 t
Tower: 127 t
Total: 160 t

Gearbox

Gearbox: yes
Stages: 4
Gear ratio: 21

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 16,7 m/s
Cut-off wind speed: 20 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1000 rd/min
Voltage: 3000 V

