

TECHNICAL SPECIFICATIONS - AN Bonus 300/33

Power

- Rated power 300 / 60 kW
- Rated wind speed 13,0 m/s m/s
- Cut-in wind speed 3,0 m/s m/s
- Cut-out wind speed 25,0 m/s m/s

Rotor

- Diameter 33,4 m m
- Swept area 855.30 m²
- Number of blades 3
- Rotor speed 21 / 31 U/min
- Type LM 14.4
- Material glas-fibre reinforced plastic
- Manufacturer LM Bonus

Gear box

- Type spur
- Stages 3
- Ratio 1:48
- Manufacturer Flender

Generator

- Type asynchronous, pole-switchable
- Number 1
- Speed 1000 / 1500 U/min
- Voltage 400 / 690 V V
- Grid connection via thyristors
- Manufacturer ABB

Control and Protection System

- Power limitation stall
- Speed control fixed (2-step)
- Main brake blade tip control
- Second brake system disk brake
- Yaw control system 2 electric gear motor(s)
- Control system KK-Elektronik
- SCADA-System