

## 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 m<sup>2</sup>
- 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

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