

# Alternator 150 A

www.bosch-motorsport.com



- ▶ For Rallye Audi, Opel Manta 400 and Ascona 400 etc.
- ▶ Delivery after test run and with test protocol

This alternator is modified for motorsport demand, splash protected and delivered without pulley and fan. Clockwise and anticlockwise versions are possible, modifications are available on request. According to Appendix K to the international sporting code for historic motorsport, the race / rallye car must be equipped with parts, which comply to the corresponding Period Specification (see Appendix K section 3.3 and 3.3.3). This Bosch Motorsport generator is conform to these regulations for homologations from the 60<sup>th</sup> till the 90<sup>th</sup>.

### Modifications

The modifications and reinforced constructions, for example on rectifiers or stators and rotors, resulted in improved robustness and higher speed.

### Application

Ambient temperature range	-10 to 90°C
Vibration protection	High protection
Installation	Without rubber mounting
Rotating direction	Clockwise

### Technical Specifications

#### Mechanical Data

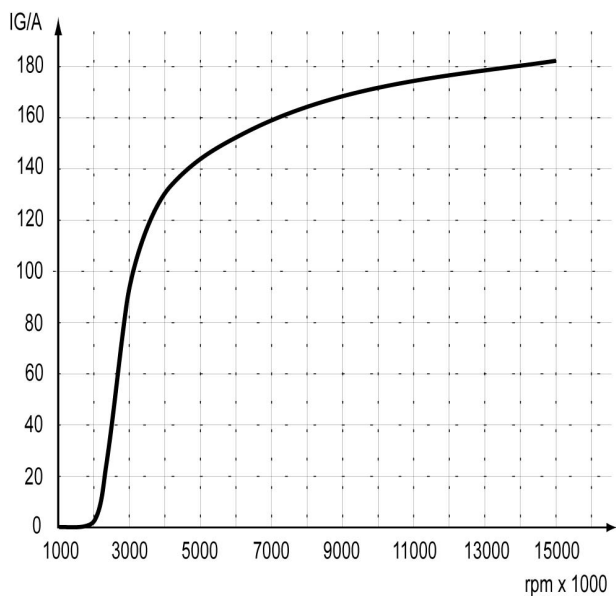
Case material	Aluminum
Weight	5,500 g
Current regulator unit	Integrated
Max. rotations	15,000 x 1/min
Diameter	138 mm
Length without shaft stub	136 mm
Distance between mounting points	156 mm

#### Electrical Data

Rated current	150 A
Supply voltage	13.5 V
Cut-in speed	1,700 1/min
Coupling	Screws
Battery B+	M8
Control lamp D+	M5

**Characteristic 80 A**

Rpm [1/min]	$I_G$ [A] at °C
1,000	0
2,000	8
3,000	95
4,000	129
5,000	143
6,000	153
7,000	160
8,000	164
9,000	168
10,000	173
12,000	178
15,000	183

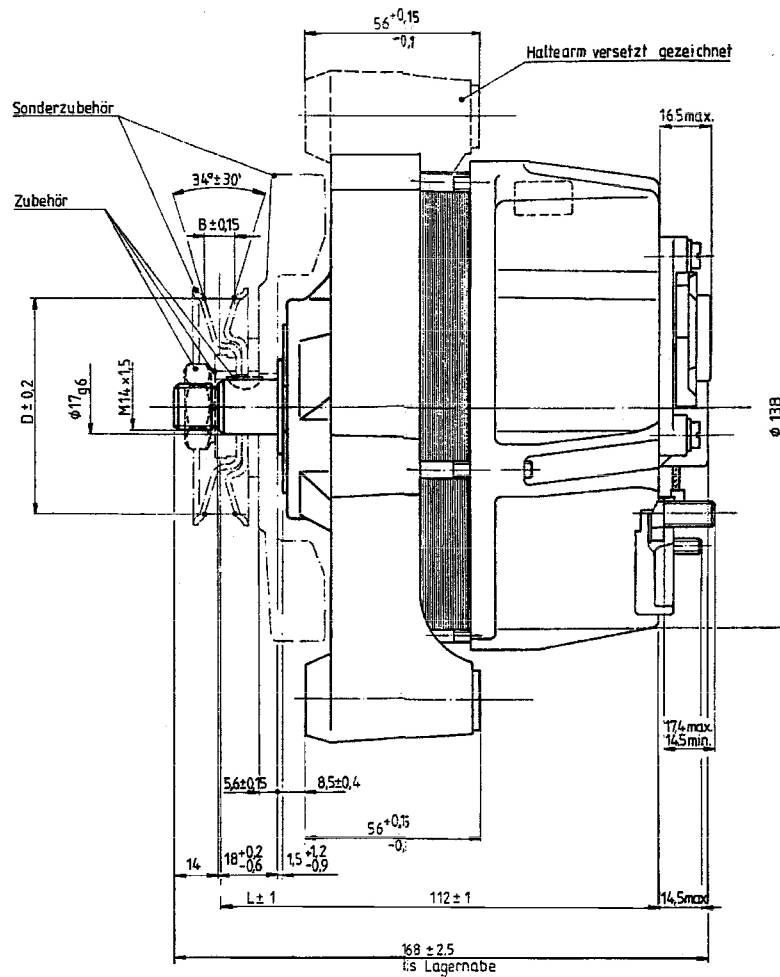
**Installation Notes**

The charge indication lamp is connected to terminal 15 and illuminates when the ignition is switched on. The cable of the charge indication lamp is connected to the alternator at "D+". At first it should be checked if the alternator is connected to ground. When the ignition is switched on, the charge indication lamp gets power (12 V PLUS) and "D+" is connected to ground. Now the charge indication lamp illuminates. When the engine is working (and therefore also the generator), the generator will generate power (12 V PLUS) and the charge indicator lamp will turn off because it gets 12 V PLUS from two sides and is not connected to ground.

**Ordering Information****Alternator 150 A**

Order number **B 120 427 927**

## Dimensions



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