

AS123 Alternator

This alternator has been adapted for rigorous applications by utilizing state of the art engineering design and manufacturing techniques. It incorporates a bi-directional fan in a compact design for better cooling, and thick film technology for the electronics with high performance press fit diodes.

Features & Benefits

- Normally internal sensing, also battery sensing and temperature sensing available
- Single standard pulley, to accept AV 10 or AV 13 drive belt, or V-ribbed pulley appropriate to conditions of service
Special pulleys available for customers requirements
- Terminations provide for direct connection of warning lamp
- Long life bearings
- Connector blades and/or stud terminals
- Provision for earth terminal on machine frame if negative ground
- Also provided is a speed sensing terminal for tachometer, auto-choke, pollution control and other speed dependent devices

RADIO INTERFERENCE SUPPRESSION

- Provision for the attachment of an external suppression capacitor

REGULATOR

- Thick film technology to suit customers needs

Specifications

- System Voltage: 12 volt or 24 volt
- Polarity: Normally negative ground
- Maximum Output @ 12 volt
AS123 - 70 Nominal 70A @ 6000 rpm
- Operating air inlet temperature range:
-40°C to +100°C
- Rotation: Clockwise or counter clockwise
- Nominal Speed: 15,000 rpm continuous duty
- Maximum Speed: 16,500 rpm for 20% duty cycle
- Weight (including fan): 11 lbs. (5.1 kg)
- Stator diameter: 123 mm

AS123 Alternator

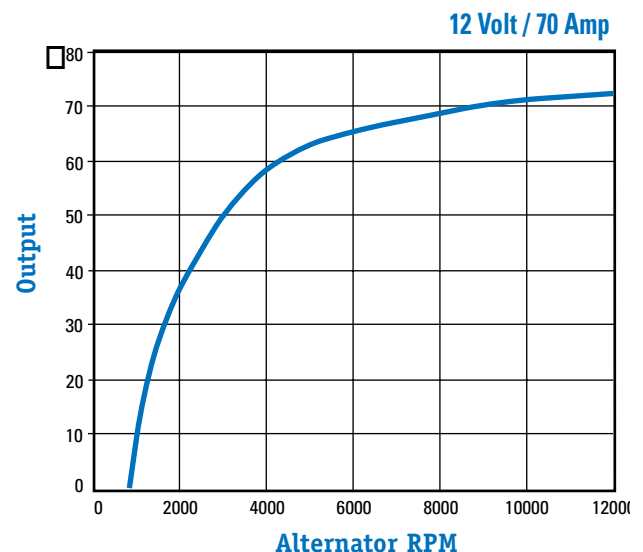
12 Volt, 70 Amp; 24 Volt, 50 Amp



Typical Applications

- Automotive
- Generator Sets
- Agriculture
- Industrial
- Material Handling

Product Performance



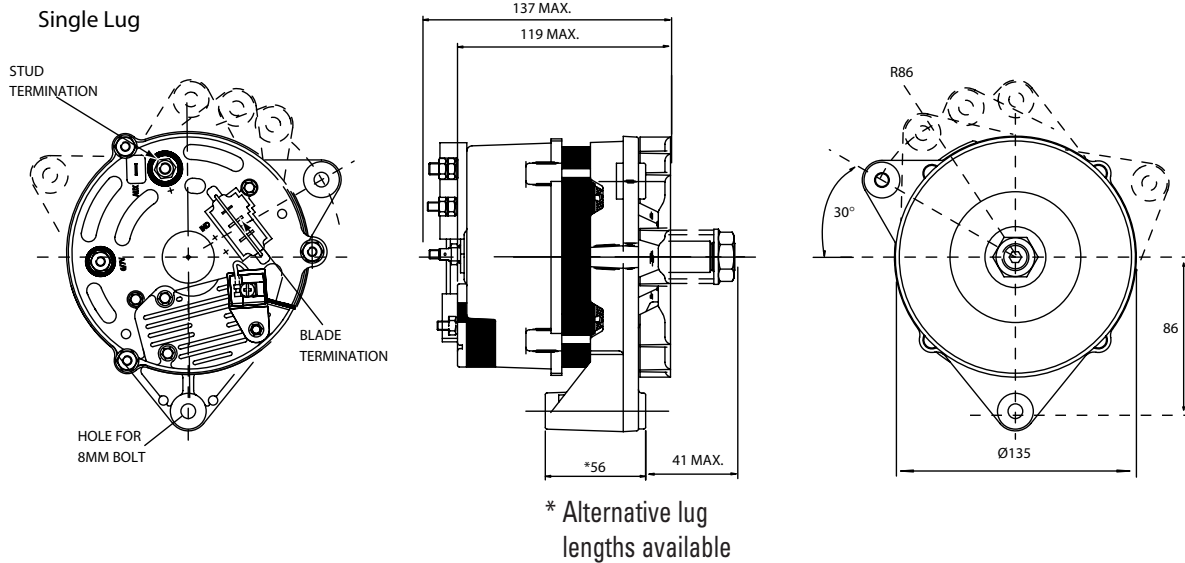
Maximum Continuous Speed - 15000 rpm
Stabilized Output @ 24°C

Typical Outline Dimensions

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Dimensions are in millimeters and are normal unless otherwise stated

Single Lug and Double lug options



Double Lug

