

Totally-Enclosed Housing Model

Designed for reliable output in extremely adverse environments. Totally-enclosed housing construction protects internal components from dust, dirt, and moisture. Dynamically balanced rotor, oversized bearings and rugged construction provide long service life. Recommended for agricultural, construction and industrial material handling applications with extremely high levels of dust and dirt.

Features and Benefits

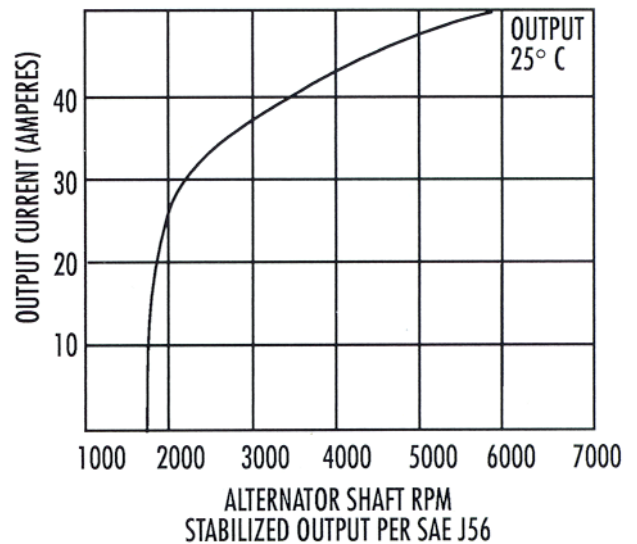
- Heavy-duty copper stator windings for higher output and cooler operation.
- Longer copper graphite brushes, for longer service life between brush changes.
- Permanently-lubricated and sealed ball bearings.
- Heavy-duty cast aluminum housing.
- Operating ambient temperature range -40°F to +149°F
- Negative ground configuration.
- Max. continuous operating speed 8,000 RPM.
- Operating rotation: Bi-directional
- Pulleys: Optional styles and diameters available.

Options

Models available with metric mounting and electrical connections.

Sales Number
110-458

8TA2030G
12 Volt 45 Amp

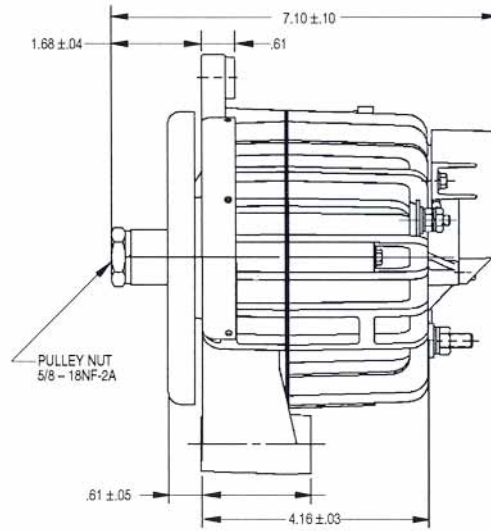
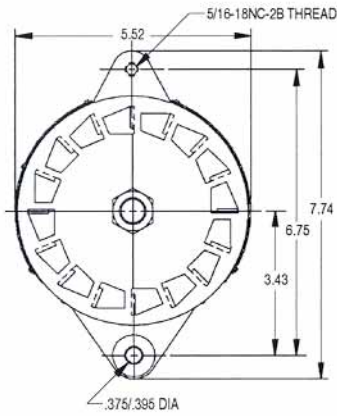


Output

RPM	Amps
1,700	3
2,000	25
3,000	38
4,000	42
5,000	45

Dimensions

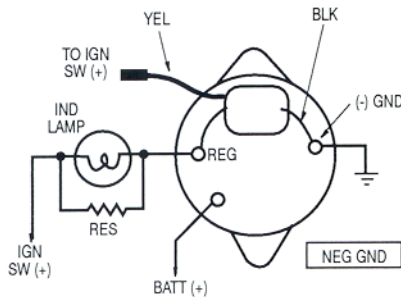
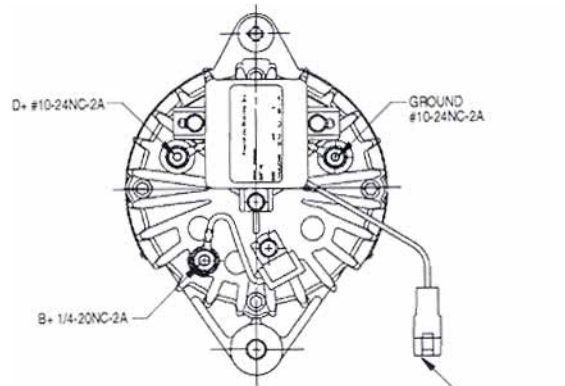
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Terminations

- AC Taps - (1) 10-24
- Ind. Lamp - spade lug
- Remote Sense - spade lug terminal
- B+ - 1/4-20
- Ground - 10-24

Wiring Diagram



Cable Size

Ground and Battery Cable

Size	Feet
6	0 - 10
4	10 - 25

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