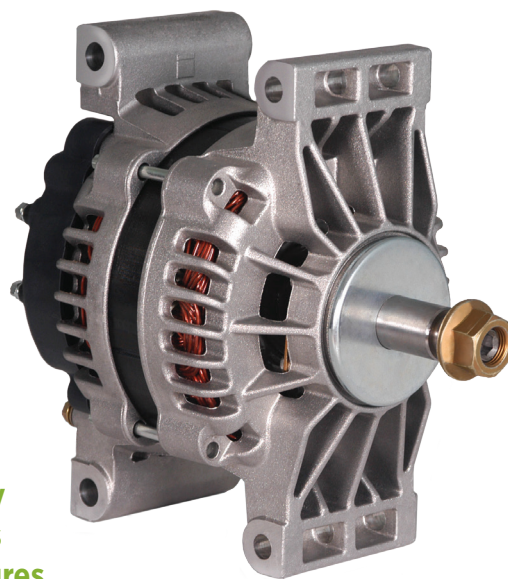




GENUINE PRODUCTS

# 24SI™ Heavy Duty Alternator



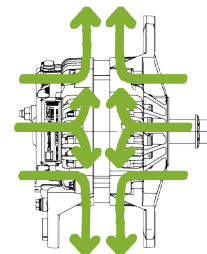
## FEATURES & BENEFITS

- **Dual internal fan (DIF)** design provides maximum cooling technology
- **OE approved**, assuring OE quality, reliability and performance for aftermarket replacements
- **Superior output** producing 160 Amps at road speed and 100 Amps at idle
- **Lightweight and compact** in size provides simplified installation
- **Warranty:** 1 year/unlimited miles (Applicable to U.S. and Canada only)

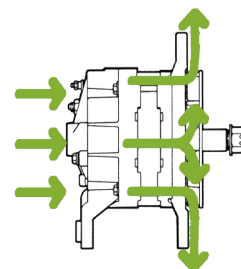
## Maximum Cooling Technology specially designed for today's higher under-hood temperatures

The 24SI has a dual internal fan (DIF) design that provides Maximum Cooling Technology. Dual fans mean greater air circulation over the alternator electronics. That allows the alternator to run at lower temperatures which improves the operating efficiency and durability of the unit.

With a single external fan, air is drawn in from the terminal end and passes through the length of the alternator to exit through the fan. The higher operating temperature reduces the unit's efficiency and durability.



24SI Dual Internal Fan

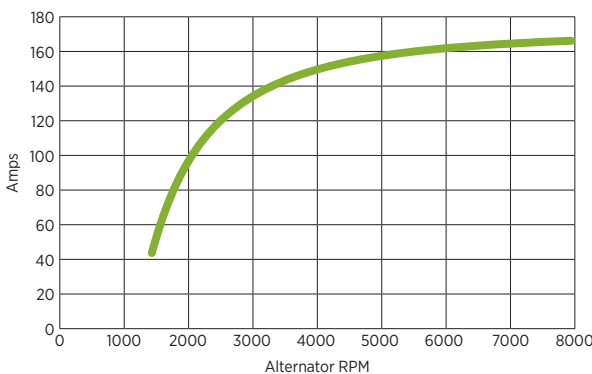


Conventional External Single Fan

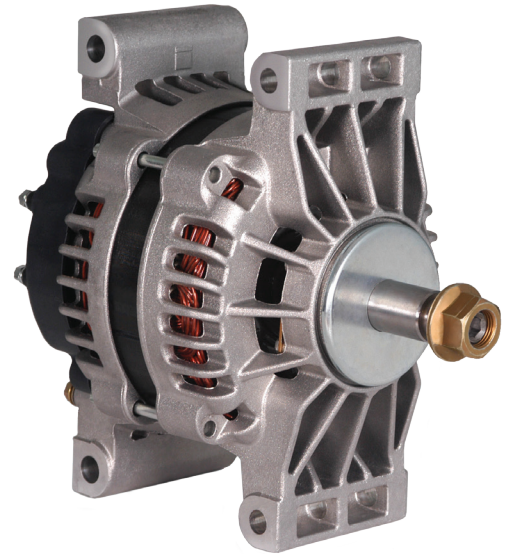
## SPECIFICATIONS

<b>Performance Output</b>	12 Volts 160 Amps (125 Amps at idle) 12 Volts 180 Amps (130 Amps at idle) 12 Volts 200 Amps (140 Amps at idle) 24 Volts 110 Amps
<b>Rotation</b>	Clockwise
<b>Maximum Speed</b>	10,000 RPM Continuous 12,000 RPM Intermittent
<b>Temperature Rating</b>	125°C/257°F
<b>Mounting</b>	J180 Short Hinge Mount J180 Long Hinge Mount Pad Mount
<b>Weight</b>	18.7 lbs/8.5 kg

## 24SI 12V POWER CURVE



# 24SI™ Heavy Duty Alternator



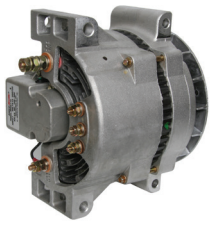



Maximum Cooling Technology

## COMPETITIVE COMPARISON

Specifications	Delco Remy 24SI	Leece Neville 110-555	Bosch AL9960LH
<b>Rated Output Voltage</b>	14.0	13.8	14.0
<b>Output @ 2000 RPM</b>	100 Amps	96 Amps	94 Amps
<b>Output @ 6000 RPM</b>	160 Amps	160 Amps	155 Amps
<b>Overall Diameter</b>	150.0 mm	170.1 mm	147.2 mm
<b>Length</b>	213.7 mm	222.5 mm	206.5 mm
<b>Total Mass/Weight</b>	7.7 kg	8.7 kg	6.9 kg
<b>Fan for Cooling</b>	Dual Internal Fan	External Single Fan	Dual Internal Fan
<b>DE Bearing</b>	62 mm	62 mm	52 mm
<b>Bearing Protection</b>	Slinger Protection	Unprotected	Unprotected
<b>Rotor Shaft</b>	22 mm	22mm	17 mm

## UPGRADE FROM COMPETITIVE ALTERNATORS

Leece Neville	Replace With Delco Remy
 <p><b>LN 110-555JHO</b></p>	 <p><b>J180 Hinge Mount</b> New Service - No Core <b>24SI 8600310</b></p>
 <p><b>LN 110-555PHO</b></p>	 <p><b>Pad Mount</b> New Service - No Core <b>24SI 8600889</b></p>

## PART NUMBERS

Mounting	Model	Part #	Output (Amps)
<b>Pad</b>	12V	8600889	160
	24V	8600471	70
<b>J-180 Hinge</b>	12V	8600310	160
	24V	8600388	70