

## Leece-Neville Alternator

**12/14 Volt 160 Amps**

**Now High Temperature  
Rated for New EPA  
Emission Compliant  
Engines!**

The 110-555 unit is now High Output/High Temperature and better than ever! Now the new EPA emission compliant engines can benefit from the excellent low speed output and reliability that have been a standard for both OEM and Aftermarket applications on Heavy Truck, Bus and Off-Highway vehicles for years. Our upgraded "Triple Nickel" provides strong useable output throughout the operating range, making this alternator a must for heavy duty and medium truck applications, as well as Class 3-8 diesel engines.

### Features & Benefits

- 160 amp unit, with outstanding idle speed performance ideal for the ever-changing heavy duty and medium truck market
- Fixed set point (14.2 volts), self-excite regulator
- Replaces the 140 amp 110-555HD/110-555P
- Recognized as the reliability leader in heavy truck alternators
- Designed for operating temperature conditions of -40°C to 105°C / -40°F to 220°F
- Designed for vibration resistance, "conical lock" through bolts and various thread lock systems for overall structural integrity
- Solid rectifier lead frame creates a single, solid connection to all of the high temperature avalanche diodes, Diode connections are welded, not soldered
- Excellent low speed performance makes this alternator ideal for diesel applications where engine operating speeds are relatively low
- Large ball bearings, both at the front and rear, increases operating life and provides better support for the higher belt loads and operating temperatures found in today's vehicles, Now with Krytox® high temperature grease
- Sealed brush cavity reduces contamination and provides longer life than open brush systems
- Available in J180 mount and Pad mount

## 110-555JHO

**Dual Foot J-180 Mount**

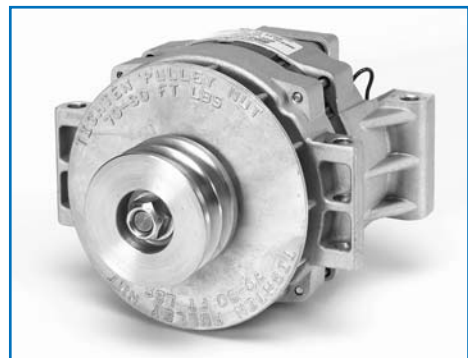
**Now upgraded to 105°C / 220 °F**



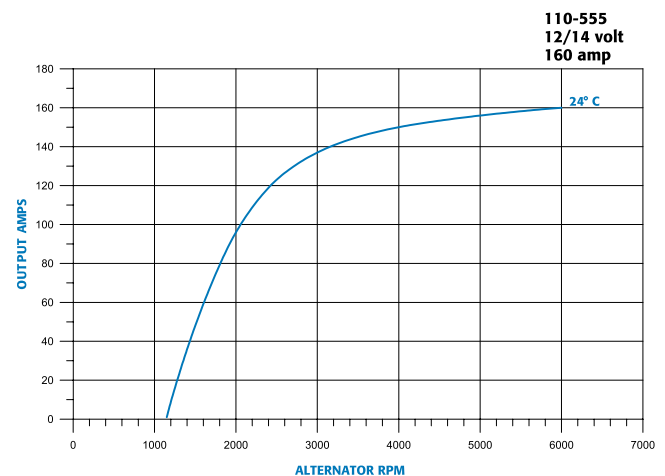
## 110-555PHO

**4 Point Pad Mount**

**Now upgraded to 105°C / 220 °F**



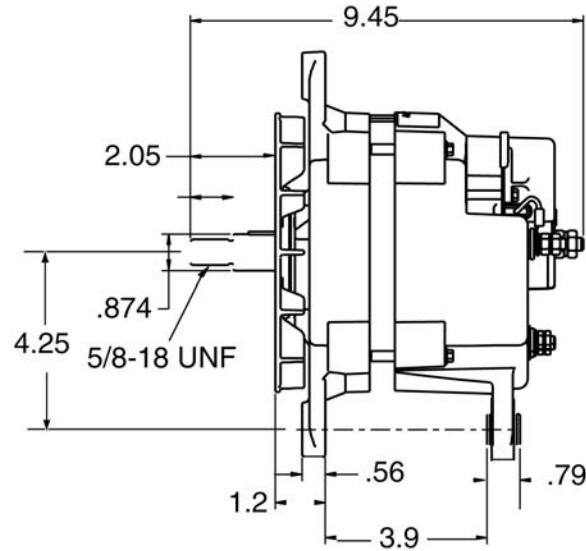
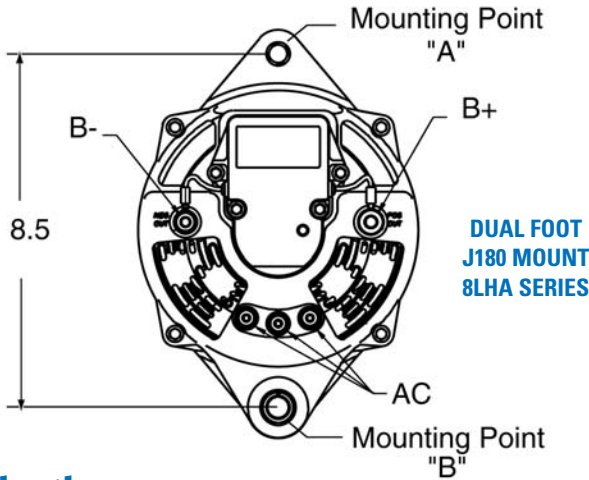
### Product Performance



Maximum Continuous Speed - 8000 rpm  
Stabilized Output @ 24° C

## J-180 Mount Dimensions

(dimensions in inches)

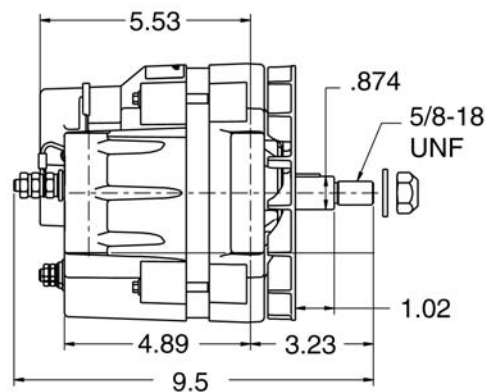
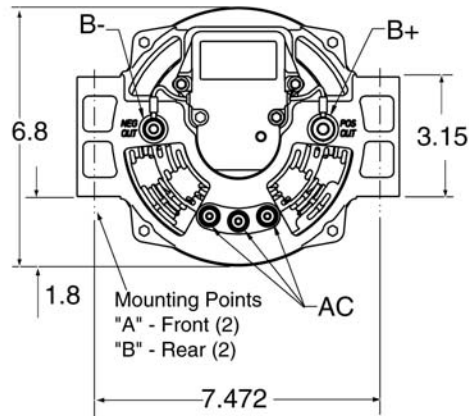


## Specifications

		12 VOLT	
<b>DUAL FOOT J180 Mount</b>	Model No. Sales No.	A	<b>8LHA2070VE</b> 110-555JHO
<b>4 POINT Pad Mount</b>	Model No. Sales No.	B	<b>8LHP2170E</b> 110-555PHO
Output, Stabilized:		C	160
5000 RPM		D	78
1800 RPM		E	-40 C to 105 C
Temperature Range		F	Bi- Directional
Rotation Direction		G	8000
Max. Continuous RPM		H	Self Excite
Excitation Type		I	-
Lamp Circuit Capacity		J	Isolated
Ground		K	14.2 volts
Regulator Set Points		L	NA
Voltage Adjustment Range		M	6305
Bearing, Front		N	6205
Bearing, Rear		O	2:1 to 3:1
Pulley Ratio Range		P	19.0
Weight ( lbs)		Q	1/2"-13NC
J 180 Mounting: A		R	.515" dia.
(see outline) B		S	.42"
Pad Mount: 'A' Front (2)		T	.48"
'B' Rear (2)			
Terminal Size:		See drawing for exact use and location	
B+		U	5/16"-24
B-		V	1/4"-28
AC Tap / R Pin		W	10-24

## Pad Mount Dimensions

(dimensions in inches)



### MANUFACTURING & OE SALES LEECE-NEVILLE HEAVY DUTY SYSTEMS

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### AFTERMARKET SALES LEECE-NEVILLE

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Fax: (800) 997-6202