+49 2839 5688120



# DELSTAR HD BRUSHLESS / SERIES 160

# 100-16101,-D

14 Volts 275 Amps

# **PRODUCT SPECIFICATIONS**

Part number System Voltage **Rated Output** Output @ 2000 rpm Ground Mounting

Rotation CW

100-16101 12V 275A 135A Negative J180 4" Hinge

Temperature limits:	
Low	-40°C / -40°F
High	110°C / 230°F
High	125°C / 257°F (with fresh air intake)
Speed limits:	8000 RPM continuous
	9000 RPM intermittent
Coating	Corrosion-Resistant E-Coated
Weight	28 Lbs / 12.7 Kg.
Regulator	Integral
Excitation	Self-excite (@ 1500 rpm or less)
Indicator Light	Yes
Remote Sense Regulation Yes	
Soft Start Functiones	
6 Sec. Load Response Control (LRC) Yes	
Field Short Circuit Protection Yes	
Load Dump Protection	n Yes 🕫
Over Voltage Protection	on Yes 🖁
	RENT
Over Voltage Protection Yes   RECOMMENDED FOR: • School & Shuttle Buses	
School & Shuttle Buses	

#### **RECOMMENDED FOR:**

- School & Shuttle Buses
- Utility Vehicles
- Marine & Mining
- Agricultural
- Construction & Industrial

100-16101



with air intake cover

#### NOTE:

This DelStar 100-16101 alternator, meets the marine requirements for Ignition Protection on gas or diesel engines of ISO 8846, USCG, stated in Title 33 CFR 183.410, SAE J1171 and International CE Standards.

#### 300 CRITICAL SPEED ENGINE RANGES IDLE 250 200 150 100 23°C / 73°F 50 - 93°C / 200°F TESTED AT AMBIENT TEMPERATURE WITH STABILIZED ALTERNATOR OUTPUT AS PER J56 STANDARDS 0**₽** 1000 2000 4000 6000 7000 8000 3000 5000 ROTOR SPEED (RPM)

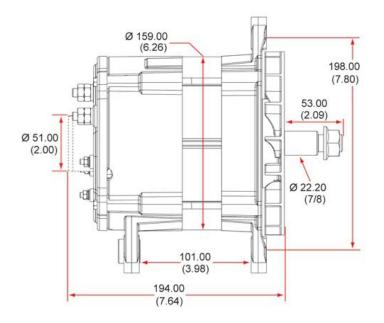
#### **PERFORMANCE CURVES**

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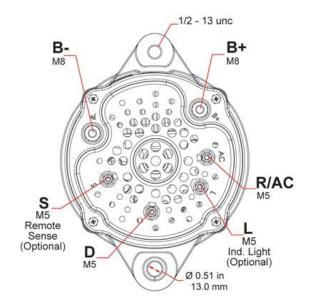


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## OUTLINE



### CONNECTIONS



If the vehicle has an ignition (excite) circuit, connect wire to "D" (dummy) terminal.

Dimensions are listed in mm over (in)

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**ELECTRICAL SCHEMATIC** 

