+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)

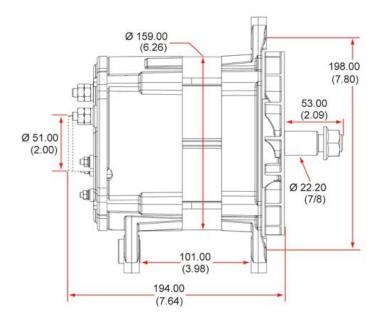
PERFORMANCE CURVES

BERMAN GMBH +49 2839 5688120 GERMANY KONTAKT@BERMANT

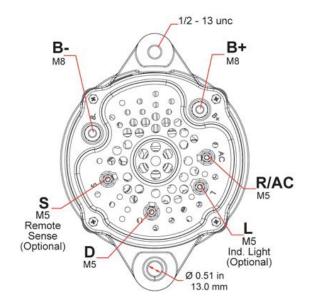


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OUTLINE



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

