



**C.E. Niehoff & Co.**  
**BRUSHLESS ALTERNATORS**

**C701**  
**28 volt**  
**300 amp**

**DESIGNING FOR TOMORROW'S DEMANDS**

## ALTERNATOR FEATURES



C701-1 Shown.

### Air Cooled

Eliminates the need for an oil circulation system. No possibility of oil leaks, no hoses, and no waste heat transferred to the engine.

### High Efficiency

High Efficiency means lower internal alternator operating temperature, resulting in longer alternator life. Less engine power needed to produce electric power means more engine power available for other needs.

### Unique Brushless Construction

Elimination of rotating windings, brushes and slip rings yields durability, extends service life, eliminates arcing and reduces electromagnetic interference. (EMI)

### Direct Interchange

Steel rail mounting design is compatible with saddle mounting bracket.

### Long Life Bearings

Bearings have high temperature grease and are heat stabilized for extended service life in hot engine compartments.

### Conformal Coating

Protects regulator and rectifier against damage from vibration and corrosion.

### High Temperature Insulation and Coating

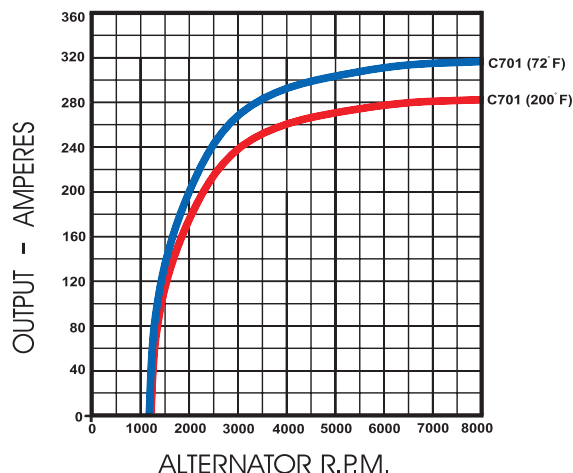
Increases durability in hot engine compartments; seals out moisture and protects against corrosion.

### D+ and R Terminals

Model has an R terminal for optional tachometer use and a D+ terminal for optional charge warning light use.

## PERFORMANCE CURVES

The measurements listed on the curves are taken at the listed ambient temperatures with a stabilized machine temperature, as per SAE J56.

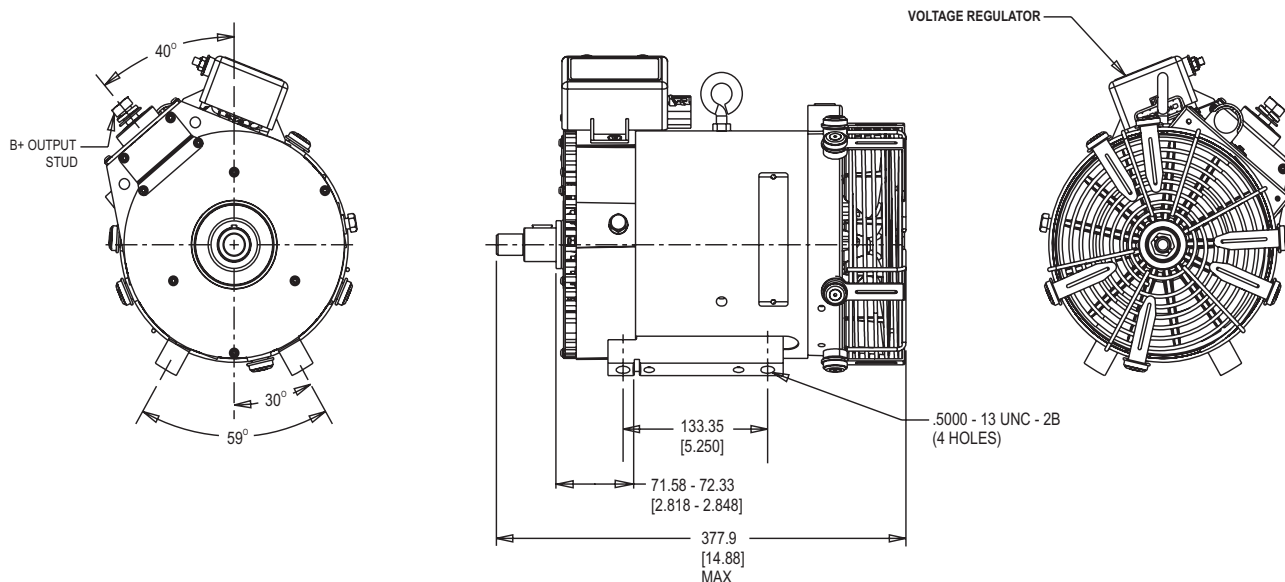


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## DIMENSIONS

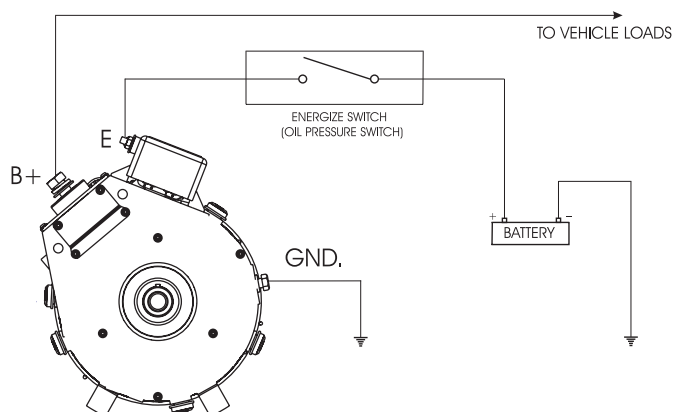


Linear Measure mm [IN]

## ACCESSORIES

| Accessories          | P/N    |
|----------------------|--------|
| Regulator            | A2-322 |
| Regulator, Multiplex | A2-322 |
| 8 Groove Pulley      | A3-213 |
| 12 Groove Pulley     | A3-226 |
| 10 Groove Pulley     | A3-227 |
| 8 Groove Pulley      | A3-228 |
| 12 Groove Pulley     | A3-233 |
| Damper Bracket       | A4-188 |

## WIRING DIAGRAM



C.E. Niehoff & Co.  
 2021 Lee Street.  
 Evanston, IL 60202  
 Phone: 847/866-6030  
 Fax: 847/492-1242  
 E-mail: sales@CENiehoff.com



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