



C.E. Niehoff & Co.
BRUSHLESS ALTERNATORS

C630
14 volt
350 amp

DESIGNING FOR TOMORROW'S DEMANDS

ALTERNATOR FEATURES

High Output

Output range at typical 625 rpm engine idle meets or exceeds recommended minimum *continuous* load requirement identified in NFPA 1901. Up to 350 amps available at 14 volts.

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)

Electromagnetic Interference Suppression meets SAE J1113 specification

EMI suppression to this specification will not cause interference with the vehicle's properly designed communication equipment.

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.

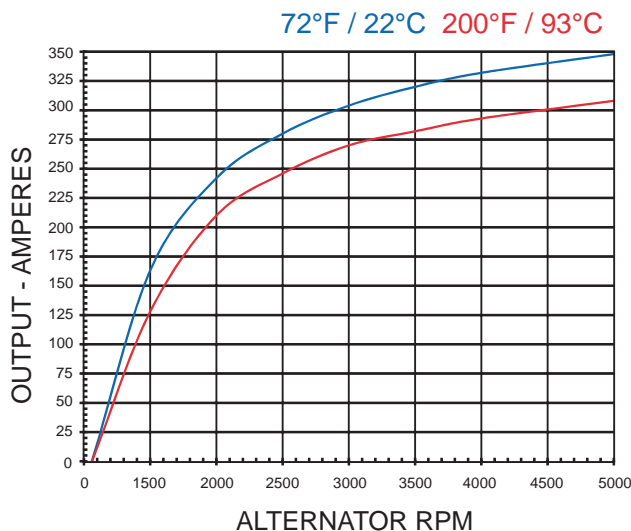
Output Terminal Hardware is Copper and Brass

Highly conductive and corrosion resistant.



UPGRADE REPLACEMENT FOR C619, N1222 & A1-608

PERFORMANCE CURVES



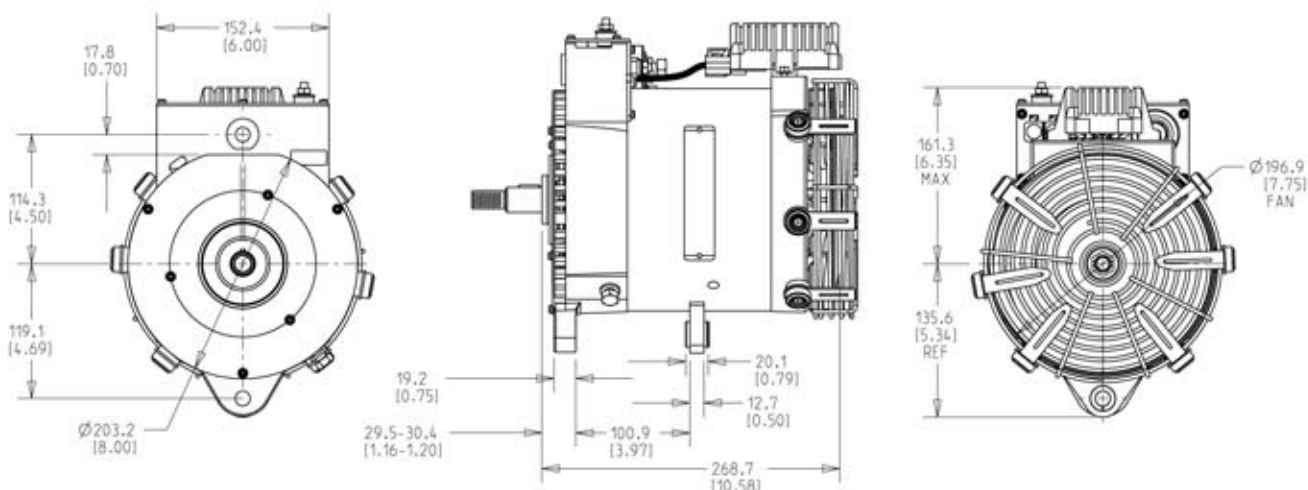
The measurements listed on the curves are taken at the listed ambient temperatures with a stabilized machine temperature, as per SAE J56. The shaded area highlights output available at typical engine idle alternator speed.

C630



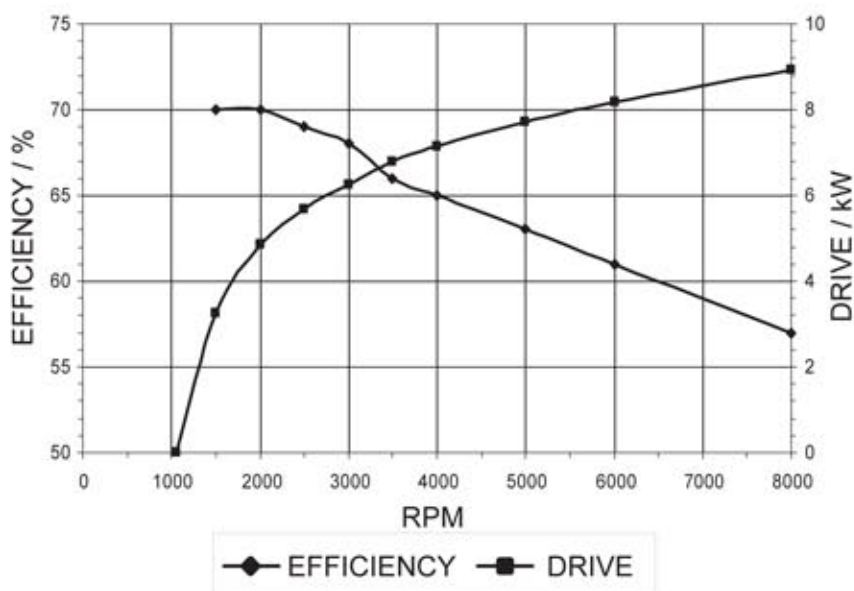
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DIMENSIONS



Linear Measure mm [IN]

HORSEPOWER AND EFFICIENCY CURVES



Available from:

10995 Canal Rd. • Cincinnati, OH 45241
800-366-7100



C.E. Niehoff & Co.



2021 Lee St • Evanston, IL 60202
Phone: 847-866-6030 • Fax: 847-492-1242

SS-0111

C630

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