

1. Description

The GenMAAX series of high output alternators are designed to fit the various industry standard mount points. Available in a range of outputs (voltage / amperage) and driven by a serpentine belt to guarantee performance, the GenMAAX provides a robust design and reliable, high-performance service.

The case housings of a GenMAAX alternator are CNC machined from billet aluminum which provides optimal strength, cooling and accuracy. All alternators are hand-built and 100% tested to ensure the highest performance in the most adverse conditions.

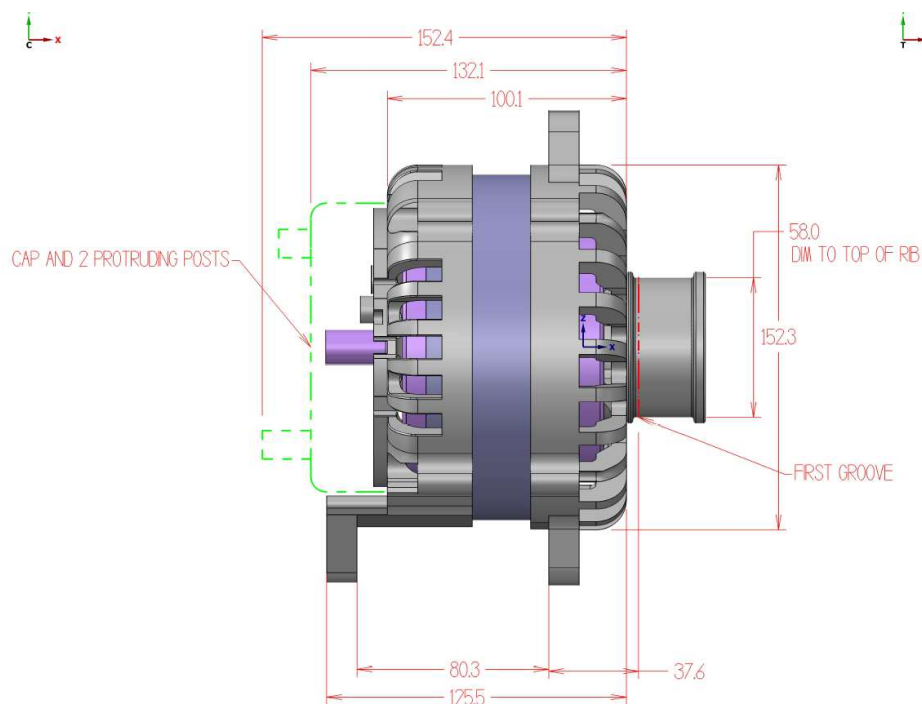
2. Specifications

Parameter	Value	Units
Tension Arm	Multi Position	
Rotor / Stator	12 Pole	
Operating Speed	18,000	RPM
Intermittent Speed	19,000	RPM
Charging Output	Remote Rectifier	
Stator Output	Alternating Current	
Bearings	Sealed, Heavy Duty, Lubricated	
Temperature Limits	-40 F to 302 (-40 to 150 °C)	Deg F
Weight	7.1	Kgm

3. Dimensional outline:

Two mounting configurations are available;

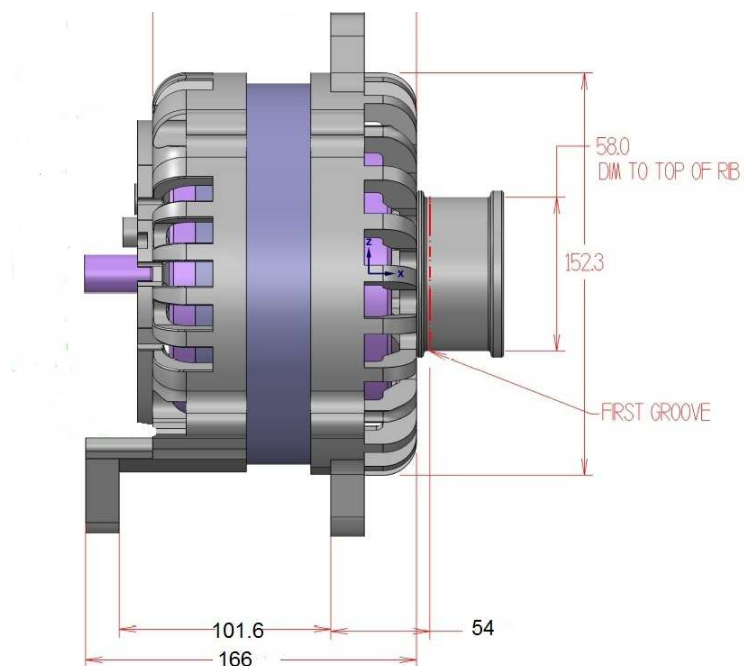
1. Saddle Mount
2. J180 Mount (Volvo)



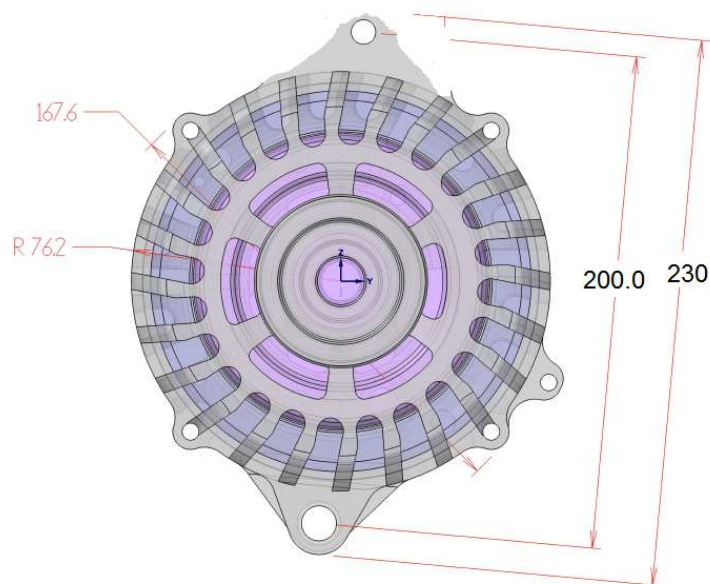
Saddle Mount –Side View

All units are millimeters

Saddle Mount Front View



180 J Mount Side View

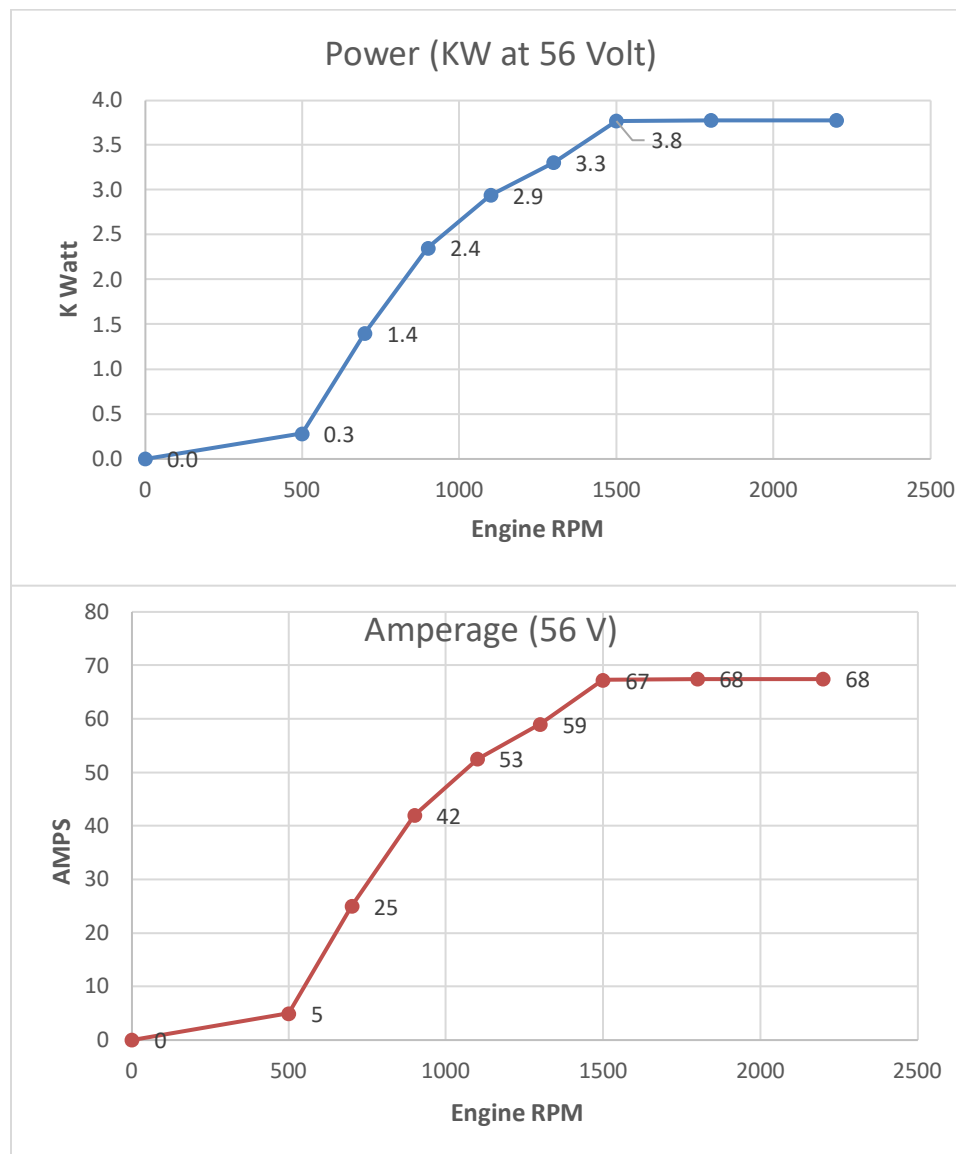


180 J Mount Front View

3. Electrical specifications

Parameter	Value	Units
Maximum Output	70	Amps
Regulation	ElectroMaax PRO X8 regulator (or see NOTE)	
Rectification	External rectification	
Field Polarity	P or N*	

NOTE: Regulator having 12 Volt field control and capable of handling 48 Volt output.



***2.25:1 Ratio, Hot Rating**

Notice

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