

## 1. Description

The GenMAAX series of high output alternators are designed to fit the industry standard mount points. Available in a range of outputs (165 to 250 amps) 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 solid 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.

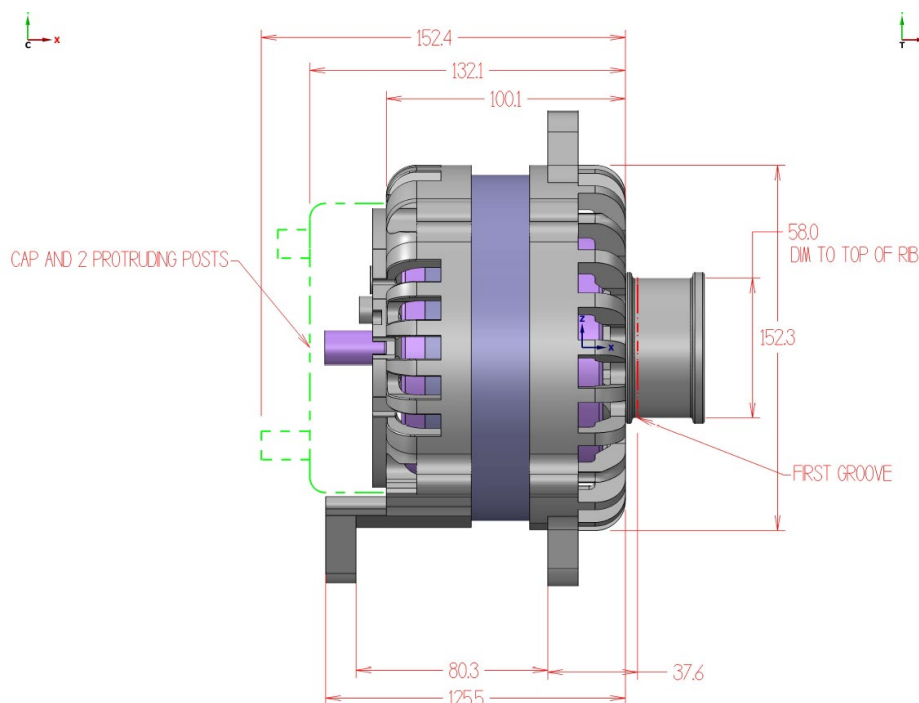
## 2. Specifications

Parameter	Value	Units
Tension Arm	Multi Position	
Rotor / Stator	12 Pole	
Operating Speed	18,000	RPM
Intermittent Speed	19,000	RPM
Charging Output	Single Positive Post	
Stator Output	Rectified Alternating Current	
Bearings	Sealed, Heavy Duty, Lubricated	
Temperature Limits	-40 F to 302 (-40 to 150 °C)	Deg F
Weight	6.9	Kgm

### 3. Dimensional outline:

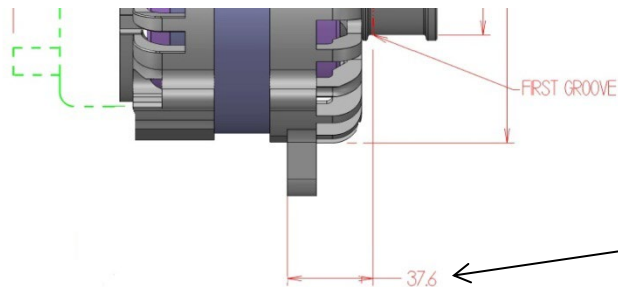
Four mounting configurations are available;

1. Saddle Mount (Shown)
2. Foot Mount 1"
3. Foot Mount 2"
4. J180 Mount (Volvo)

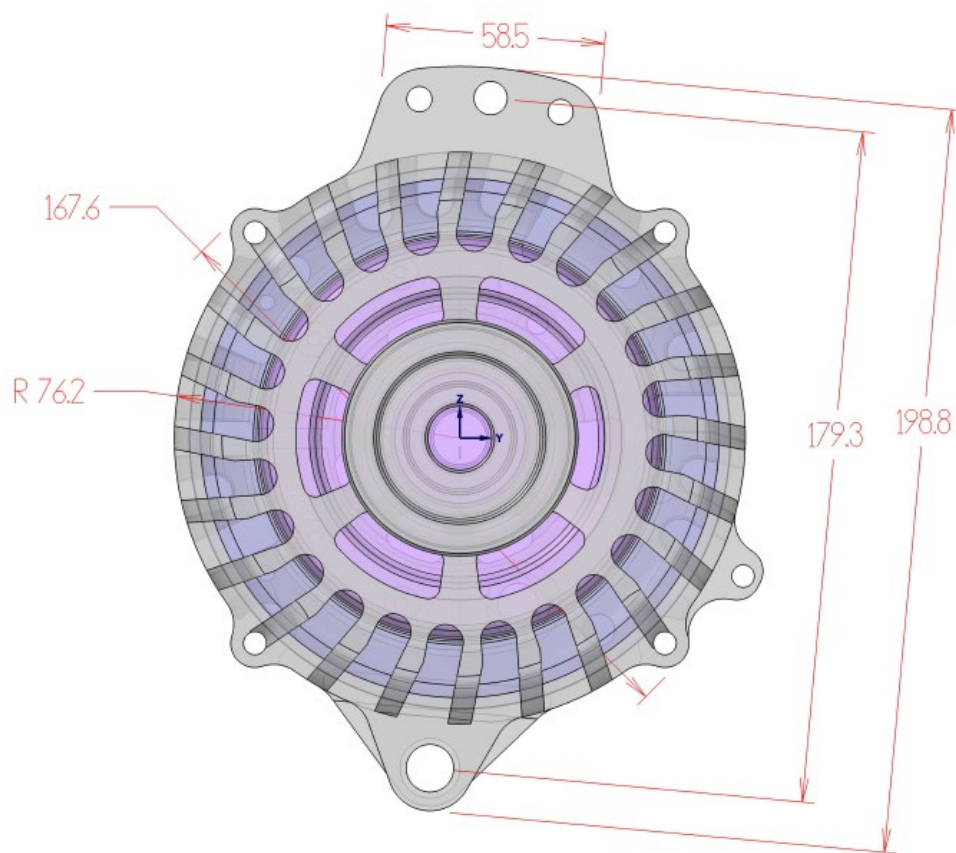


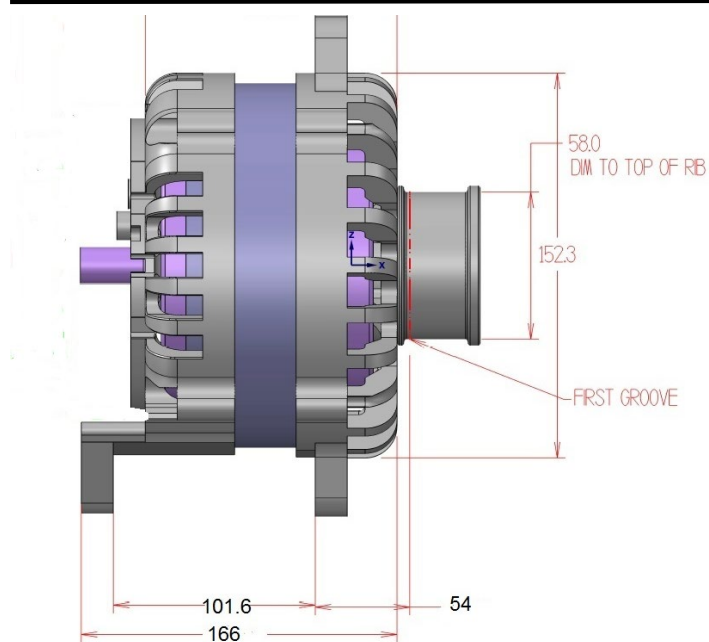
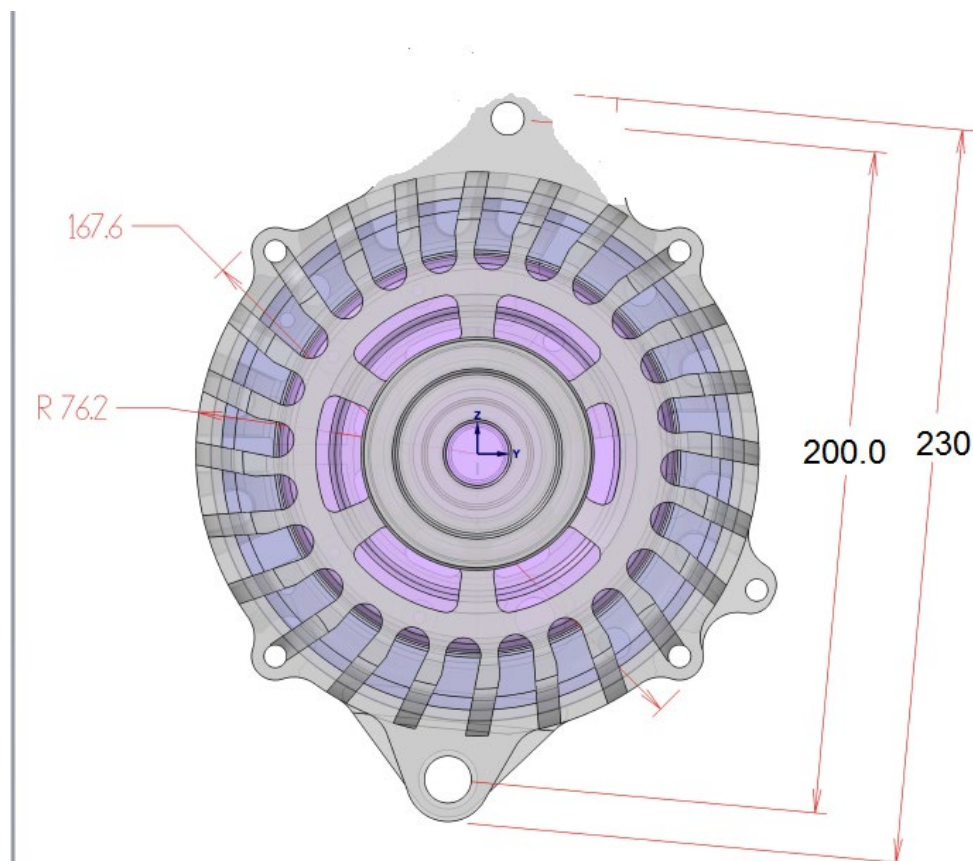
### Saddle Mount –Side View

All units are millimeters



The 2" foot mount is supplied with dual spacers. A combination of front and rear spacers provide the 2" mount. The 37.6 dimension increases to 69.6 mm, the mount bolt size is reduced from 1/2" to 10mm.

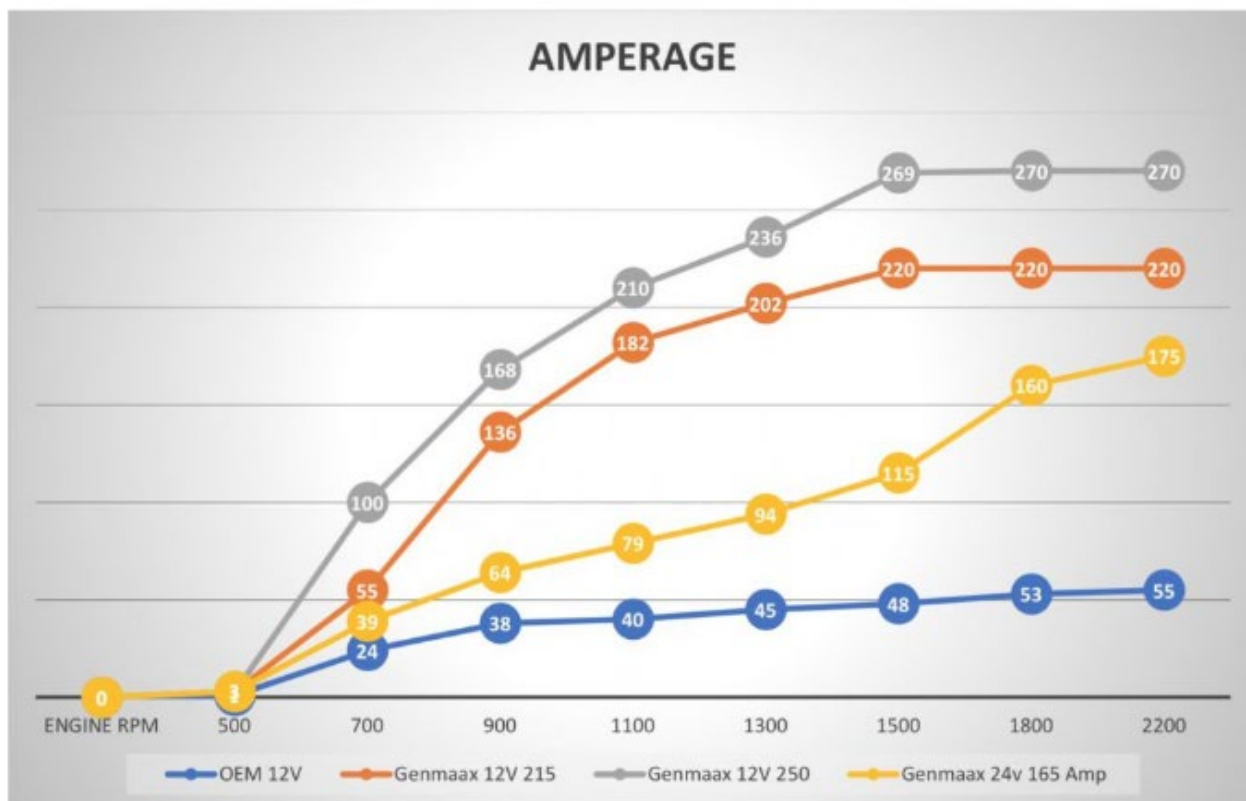
**Foot Mount – Side View 1" shown:****Saddle & Foot Mount Front View**

**180 J Mount Side View****180 J Mount Front View**

### 3. Electrical specifications

Parameter	Value	Units
Maximum Output	165	Amps
Regulation	NONE	
Field Polarity	Negative Ground	

\*-N type polarity Field control requires an external regulator.



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

#### Notice

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