



# DC Generator Model 5071

Model 5071 5371 is a self-contained, brushless, air cooled generator with a removable field regulator. At 28 volts DC, it is capable of providing up to 250 amperes at a minimum speed of 2,350 RPM and 400 amperes at 7,500 RPM. The generator is of the synchronous, salient pole type, power-rectified to produce 28 volts DC. This output voltage is controlled by a solid-state voltage regulator that is mounted directly on the generator housing. The entire unit is designed to withstand the rugged environment experienced by wheeled or tracked military vehicles.



## Specifications

### Voltage:

28 VDC

### Weight:

78 lbs

### Overspeed:

10,000 RPM

### Ambient:

-50 C to 110 C

### Efficiency:

60% minimum

### Current:

250 A @ 2350 RPM  
400 A @ 7500 RPM

### Ripple:

Battery: 2.0 V  
Without battery: 35 VDS

### Regulation:

Self-regulating 2350 – 7500 RPM w/  
temperature compensation:  
Battery: .2 - .6 V  
Without battery: +/- 1 V

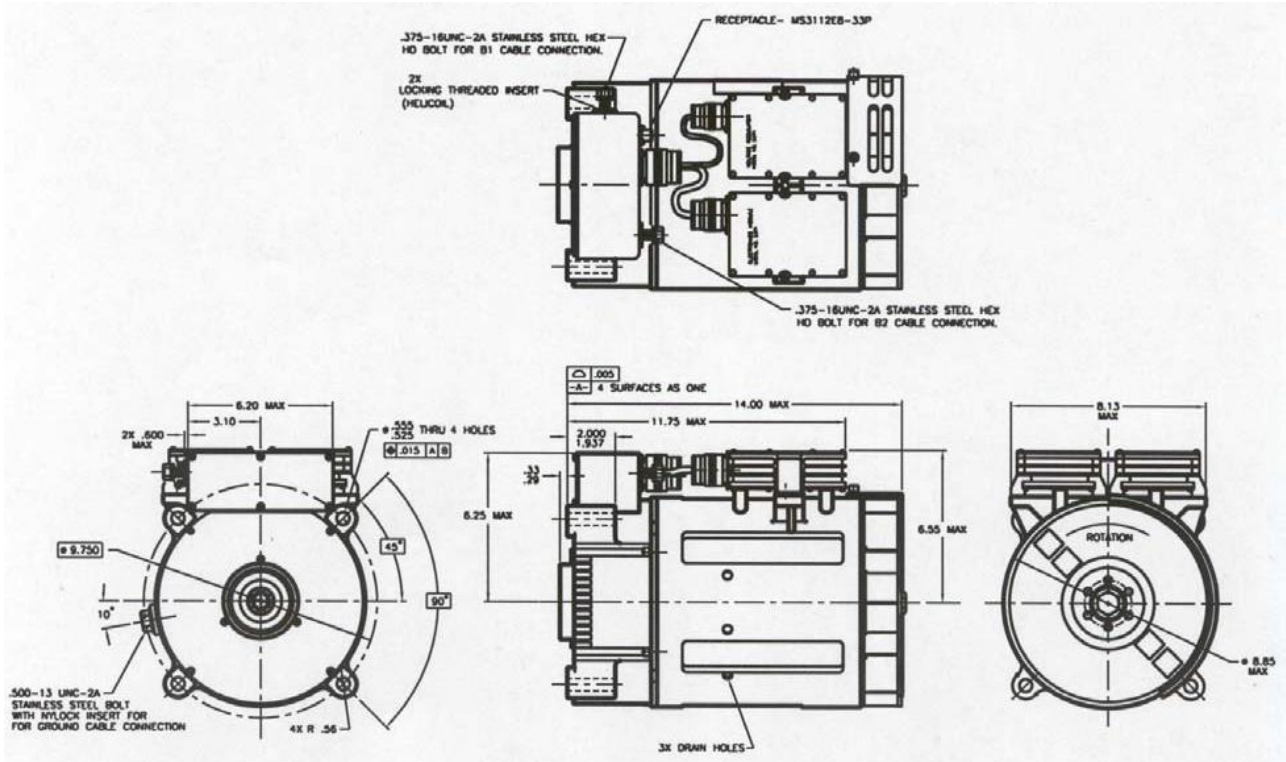
### Cooling:

Bi-directional fan

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