DC Motor Information

**“AE” Motor**
Current Draw vs “On” Time

- **S1** = 12.6 A
- **S2**
- **S3**

- Time at constant load followed by “off” time to allow the motor to cool to ambient temperature
- Percentage of “on” time in a repetitive 10 minute cycle


**“AM” Motor**
Current Draw vs “On” Time

- **S1** = 30 A
- **S2**
- **S3**

- Time at constant load followed by “off” time to allow the motor to cool to ambient temperature
- Percentage of “on” time in a repetitive 10 minute cycle

Duty Cycle information for 108 Series, 12 vdc – AM motor (Series Wound). This motor is not capable of continuous operation.

**“AY” Motor**
Current Draw vs “On” Time

- **S1** = 50 A
- **S2**
- **S3**

- Time at constant load followed by “off” time to allow the motor to cool to ambient temperature
- Percentage of “on” time in a repetitive 10 minute cycle


NOTE: This motor performance data is for reference ONLY. The user must make final acceptance and approval of the individual components as well as the system after testing their performance and endurance in the entire application, under all conditions that might be encountered.