



# Global Motion Technology Inc

[www.motiontek.ca](http://www.motiontek.ca)



## DC Servo Motor Specification

<b>Frame Size</b>	Nema34
<b>Constant Torque</b>	118 oz/in – 0.8 N.M
<b>Peak Torque</b>	580 oz/in – 4.09 N.M
<b>Continuous Current</b>	7.3 Amp
<b>Peak Current</b>	38 Amp
<b>Maximum Speed</b>	5800 RPM $\pm 10\%$ at 90V 3600 RPM $\pm 10\%$ at 50V
<b>Resistance</b>	0.993 ohm
<b>Inductance</b>	1.75 mh
<b>Terminal Voltage</b>	90 VDC

## Encoder Optional Encoder Specification

Encoder Type Optical, 5 Pins Single-Ended, 500 CPR, Latching connector & optional latching cable 5 pins.

