



## Automotive Assembly Tool

### Project Requirements:

- High Reliability
- No Vibration
- Minimal Sound Level
- Torque Optimization At Low And High Speeds
- Customer Designed Shape (~ 7" x 1")
- Difficult Machined Component
- Magnetic Encoder Used For Halls Feedback



Motor Parameters @ 25°C			
	Tolerance	Units	Value
Max. Operating Speed	Max	RPM	21,000
Peak Torque (Tp)	Max	Oz-In	150
Peak Current (Ip)	Max	Amps	15
Torque Sensitivity (Kt)	± 10%	Oz-In/Amp	10.25
Back EMF Constant (Ke)	± 10%	V/K RPM	7.6
DC Resistance (Rt)	± 10%	Ohms	2.9

**Motor Can Be Modified To Meet Your Project Specifications**