



CMI-8048-09

Surgical Hand Tool Device Replacement Motor

Description:

The CMI-8048-09 Brushless DC Motor and (Available) Driver assembly is designed dimensionally and electrically as a drop-in replacement for popular OEM surgical hand tool devices. The motor is available connected to an OEM replacement Motor Driver and is tested as an assembly and a certificate of compliance is provided with each motor and driver assembly. This assembly is built to last and is covered by a limited warranty.



Test Specs:

Nominal Voltage:	9.6	V
Free Speed RPM, CCW:	10,850 - 13,260	RPM
Free Speed RPM, CW:	10,850 - 13,260	RPM
Free Speed Current, CCW:	< 2	A
Free Speed Current, CW:	< 2	A
RPM @ 30 Amp Load:	> 10,000	RPM
Torque @ 30 Amp Load:	> 16	Oz-In

Test Data:

Free Speed RPM, CCW:	12,102	RPM	
Free Speed RPM, CW:	12,096	RPM	
Free Speed Current, CCW:	1.15	A	
Free Speed Current, CW:	1.12	A	
Current Under Load:	30	A	
Rotation Under Load:	11,766	RPM	@Torque: 18.86 oz-in