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NI-9502

NOTE TO USERS

NI AKM Motor Specifications

The NI AKM motors contain labels listing specifications for the motors. However, these numbers may be incorrect. The following figure lists the correct specifications for each motor.

<p>Model: AKM11F-ANMN2-00</p> <table><tbody><tr><td>Ics</td><td>4</td><td>A / 2.8</td><td>ARMS</td></tr><tr><td>Ipk</td><td>8</td><td>A / 5.6</td><td>ARMS</td></tr><tr><td>Tcs</td><td>0.128</td><td>Nm</td><td></td></tr><tr><td>Vs</td><td>24</td><td>VDC</td><td>IP54</td></tr><tr><td>Nrtd</td><td>4057</td><td>RPM</td><td></td></tr><tr><td>Prttd</td><td>0.054</td><td>kW</td><td></td></tr><tr><td>Rm</td><td>1.80</td><td>Ω (L-L) @ 25 °C</td><td></td></tr><tr><td>CLASS F</td><td></td><td>AMBIENT 40 °C</td><td></td></tr></tbody></table>	Ics	4	A / 2.8	ARMS	Ipk	8	A / 5.6	ARMS	Tcs	0.128	Nm		Vs	24	VDC	IP54	Nrtd	4057	RPM		Prttd	0.054	kW		Rm	1.80	Ω (L-L) @ 25 °C		CLASS F		AMBIENT 40 °C		<p>Model: AKM11E-ANMN2-00</p> <table><tbody><tr><td>Ics</td><td>4</td><td>A / 2.8</td><td>ARMS</td></tr><tr><td>Ipk</td><td>8</td><td>A / 5.6</td><td>ARMS</td></tr><tr><td>Tcs</td><td>0.180</td><td>Nm</td><td></td></tr><tr><td>Vs</td><td>24</td><td>VDC</td><td>IP54</td></tr><tr><td>Nrtd</td><td>2002</td><td>RPM</td><td></td></tr><tr><td>Prttd</td><td>0.038</td><td>kW</td><td></td></tr><tr><td>Rm</td><td>3.11</td><td>Ω (L-L) @ 25 °C</td><td></td></tr><tr><td>CLASS F</td><td></td><td>AMBIENT 40 °C</td><td></td></tr></tbody></table>	Ics	4	A / 2.8	ARMS	Ipk	8	A / 5.6	ARMS	Tcs	0.180	Nm		Vs	24	VDC	IP54	Nrtd	2002	RPM		Prttd	0.038	kW		Rm	3.11	Ω (L-L) @ 25 °C		CLASS F		AMBIENT 40 °C	
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Figure 1. NI AKM Motor Specifications

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