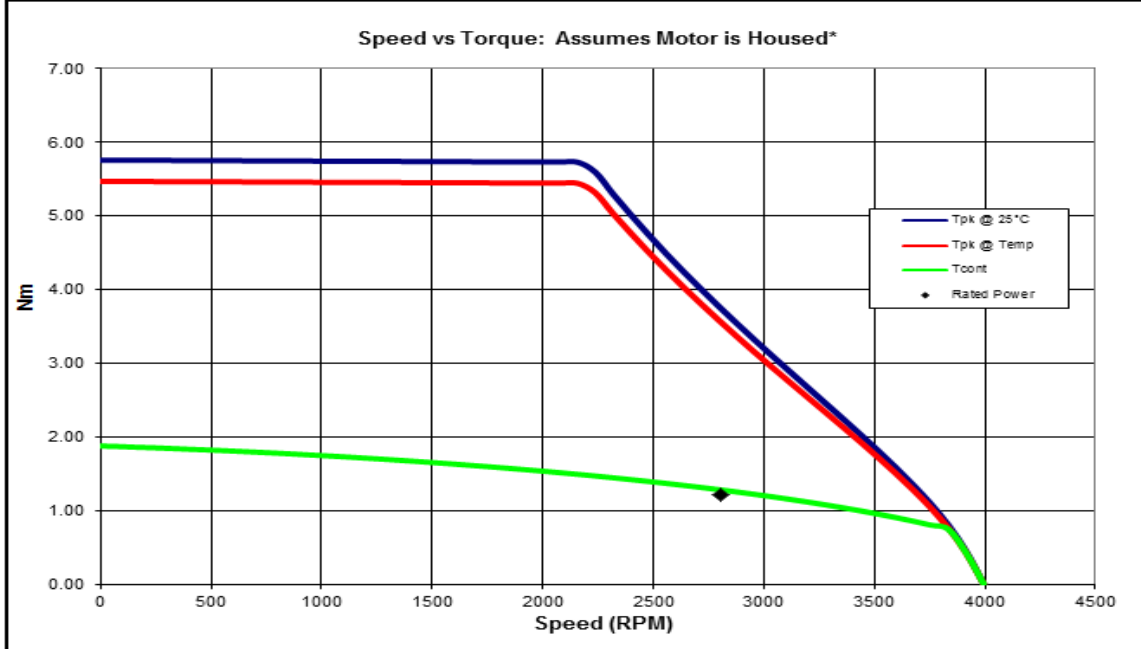


**Performance Curve (25° C Ambient and 80° C Winding Temp):**

Output Units: <b>Nm</b>		25°C Ambient & 80°C Winding Temp			
<i>Motor Parameters (TPC =11)</i>		<b>KOLLMORGEN</b>		<i>Amplifier Parameters</i>	
Kt at Temp:	<b>0.140</b> Nm/Arms	<b>BMS-2509-A</b>		Drive Type:	<b>SINE</b>
Rm at Ambient:	<b>0.100</b> Ohms			Drive Input:	<b>33.9</b> Vrms
Lm:	<b>0.38</b> mH			Vbus:	<b>48.0</b> Vdc
Ambient Temp:	<b>25</b> °C			Ipeak Drive:	<b>46.5</b> Arms
Winding Temp:	<b>80</b> °C	Stack = <b>0.54" (13.71mm)</b>	Icont Motor (Stall):	<b>13.80</b> Arms	
Poles:	<b>16</b>	Drive: <b>TBD</b>	Max Com Freq:	<b>600</b> Hz	



\*Mounted to: 7 in x 7.5 in x 0.75 in AL Heat Sink or Equivalent  
 Rated Speed = 2808 RPM

Rated Power (Watts) = 359

\*Thermal Resistance = 1.59 °C per Watt  
 Kb (hot)= 8.4 Vrms/kRPM

**Performance Curve (25° C Ambient and 155° C Winding Temp):**

Output Units: <b>Nm</b>		25°C Ambient & 155°C Winding Temp			
<i>Motor Parameters (TPC =11)</i>		<b>KOLLMORGEN</b>		<i>Amplifier Parameters</i>	
Kt at Temp:	<b>0.133</b> Nm/Arms	<b>BMS-2509-A</b>		Drive Type:	<b>SINE</b>
Rm at Ambient:	<b>0.100</b> Ohms			Drive Input:	<b>33.9</b> Vrms
Lm:	<b>0.38</b> mH			Vbus:	<b>48.0</b> Vdc
Ambient Temp:	<b>25</b> °C			Ipeak Drive:	<b>46.5</b> Arms
Winding Temp:	<b>155</b> °C	Stack = <b>0.54" (13.71mm)</b>	Icont Motor (Stall):	<b>19.11</b> Arms	
Poles:	<b>16</b>	Drive: <b>TBD</b>	Max Com Freq:	<b>600</b> Hz	



\*Mounted to: 7 in x 7.5 in x 0.75 in AL Heat Sink or Equivalent  
 Rated Speed = 3284 RPM

Rated Power (Watts) = 699

\*Thermal Resistance = 1.59 °C per Watt  
 Kb (hot)= 8 Vrms/kRPM