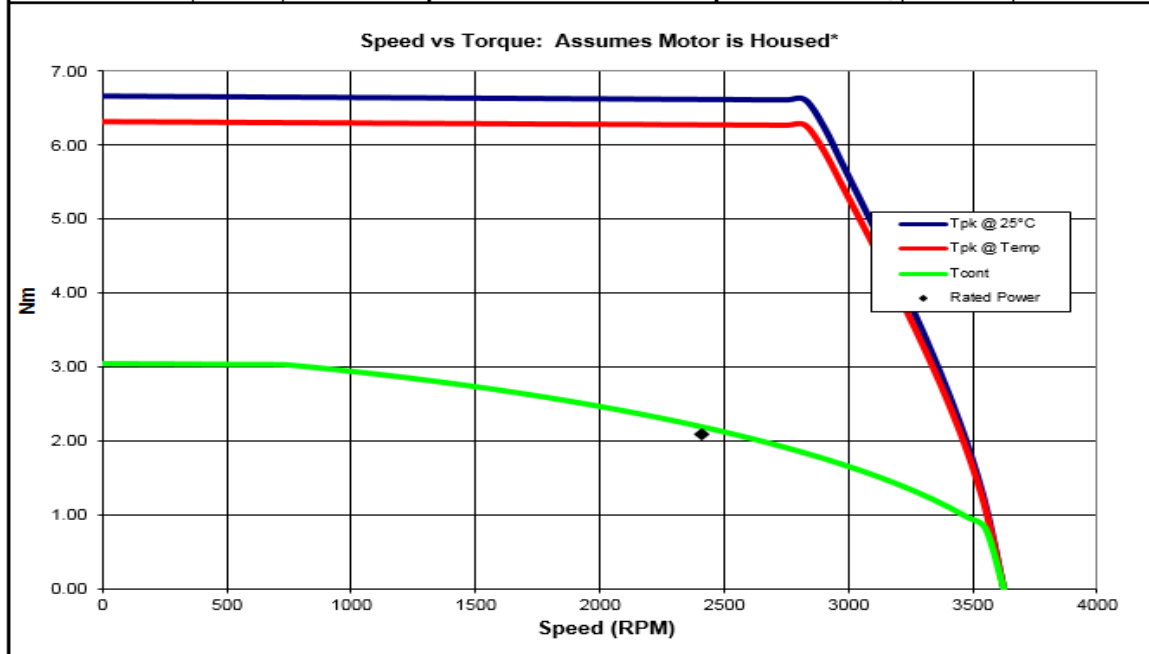


Performance Curve (25° C Ambient and 80° C Winding Temp):

Output Units: <b>Nm</b>		25°C Ambient & 80°C Winding Temp			
<i>Motor Parameters (TPC =10)</i>		<b>KOLLMORGEN</b>		<i>Amplifier Parameters</i>	
Kt at Temp:	0.155 Nm/Arms	<b>BMS-3101-A</b>		Drive Type:	SINE
Rm at Ambient:	0.047 Ohms			Drive Input:	33.9 Vrms
Lm:	0.20 mH			Vbus:	48.0 Vdc
Ambient Temp:	25 °C			Ipeak Drive:	46.5 Arms
Winding Temp:	80 °C	Stack = 0.5" (12.7mm)		Icont Motor (Stall):	20.33 Arms
Poles:	16	Drive: TBD		Max Com Freq:	600 Hz



\*Mounted to: 7.5 in x 7 in x 0.375 in AL Heat Sink or Equivalent  
 Rated Speed = 2412 RPM      Rated Power (Watts) = 527

\*Thermal Resistance = 1.39 °C per Watt  
 Kb (hot)= 9.3 Vrms/kRPM

Performance Curve (25° C Ambient and 125° C Winding Temp):

Output Units: <b>Nm</b>		25°C Ambient & 125°C Winding Temp			
<i>Motor Parameters (TPC =10)</i>		<b>KOLLMORGEN</b>		<i>Amplifier Parameters</i>	
Kt at Temp:	0.152 Nm/Arms	<b>BMS-3101-A</b>		Drive Type:	SINE
Rm at Ambient:	0.047 Ohms			Drive Input:	33.9 Vrms
Lm:	0.20 mH			Vbus:	48.0 Vdc
Ambient Temp:	25 °C			Ipeak Drive:	46.5 Arms
Winding Temp:	125 °C	Stack = 0.5" (12.7mm)		Icont Motor (Stall):	20.33 Arms
Poles:	16	Drive: TBD		Max Com Freq:	600 Hz



\*Mounted to: 7 in x 7.5 in x 0.75 in AL Heat Sink or Equivalent  
 Rated Speed = 3218 RPM      Rated Power (Watts) = 960

\*Thermal Resistance = 1.39 °C per Watt  
 Kb (hot)= 9.2 Vrms/kRPM