

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

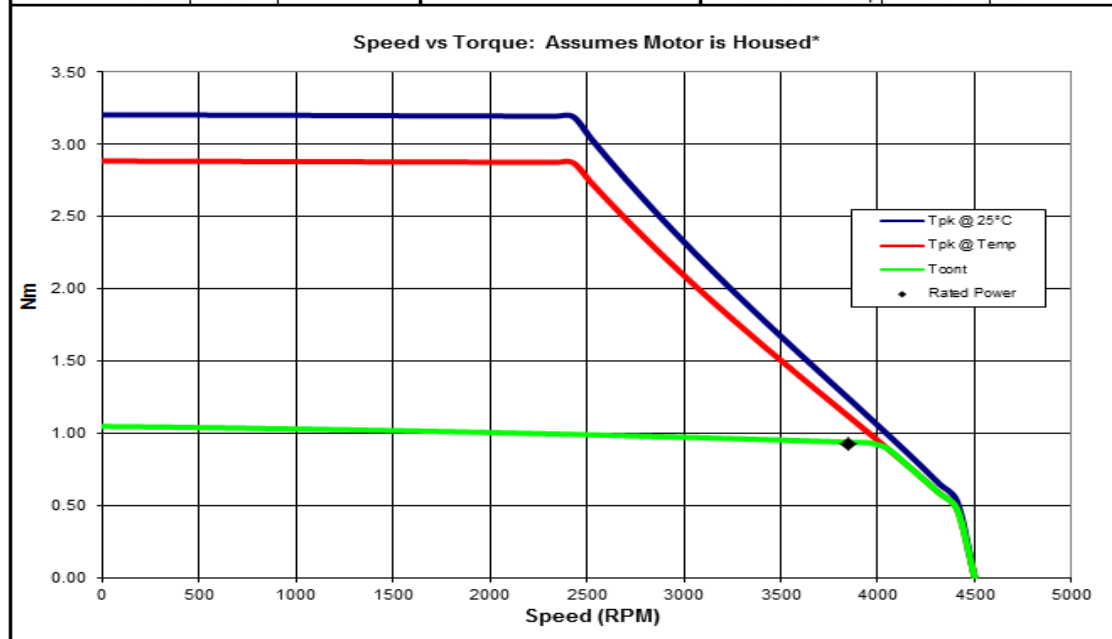
Output Units: Nm		25°C Ambient & 80°C Winding Temp		
<i>Motor Parameters (TPC =14)</i>		KOLLMORGEN	<i>Amplifier Parameters</i>	
Kt at Temp:	0.124 Nm/Arms	BMS-2002-A	Drive Type:	SINE
Rm at Ambient:	0.321 Ohms		Drive Input:	33.9 Vrms
Lm:	0.38 mH		Vbus:	48.0 Vdc
Ambient Temp:	25 °C		Ipeak Drive:	27.6 Arms
Winding Temp:	80 °C		Icont Motor (Stall):	6.61 Arms
Poles:	16	Stack = 0.5" (12.7mm)	Max Com Freq:	600 Hz
		Drive: TBD		



*Mounted to: 7 in x 7.5 in x 0.75 in AL Heat Sink or Equivalent *Thermal Resistance = 2.17 °C per Watt
 Rated Speed = 3933 RPM Rated Power (Watts) = 235 Kb (hot)= 7.5 Vrms/kRPM

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

Output Units: Nm		25°C Ambient & 155°C Winding Temp		
<i>Motor Parameters (TPC =14)</i>		KOLLMORGEN	<i>Amplifier Parameters</i>	
Kt at Temp:	0.118 Nm/Arms	BMS-2002-A	Drive Type:	SINE
Rm at Ambient:	0.321 Ohms		Drive Input:	33.9 Vrms
Lm:	0.38 mH		Vbus:	48.0 Vdc
Ambient Temp:	25 °C		Ipeak Drive:	27.6 Arms
Winding Temp:	155 °C		Icont Motor (Stall):	9.10 Arms
Poles:	16	Stack = 0.5" (12.7mm)	Max Com Freq:	600 Hz
		Drive: TBD		



*Mounted to: 7 in x 7.5 in x 0.75 in AL Heat Sink or Equivalent *Thermal Resistance = 2.17 °C per Watt
 Rated Speed = 3847 RPM Rated Power (Watts) = 374 Kb (hot)= 7.1 Vrms/kRPM