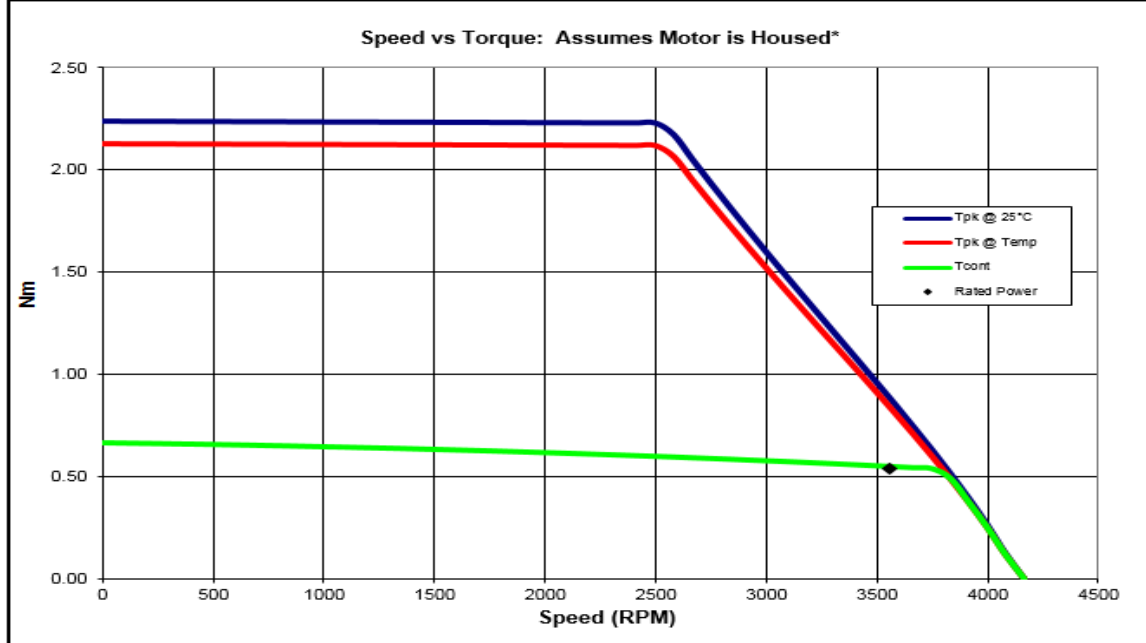


Performance Curve (25° C Ambient and 80° C Winding Temp):

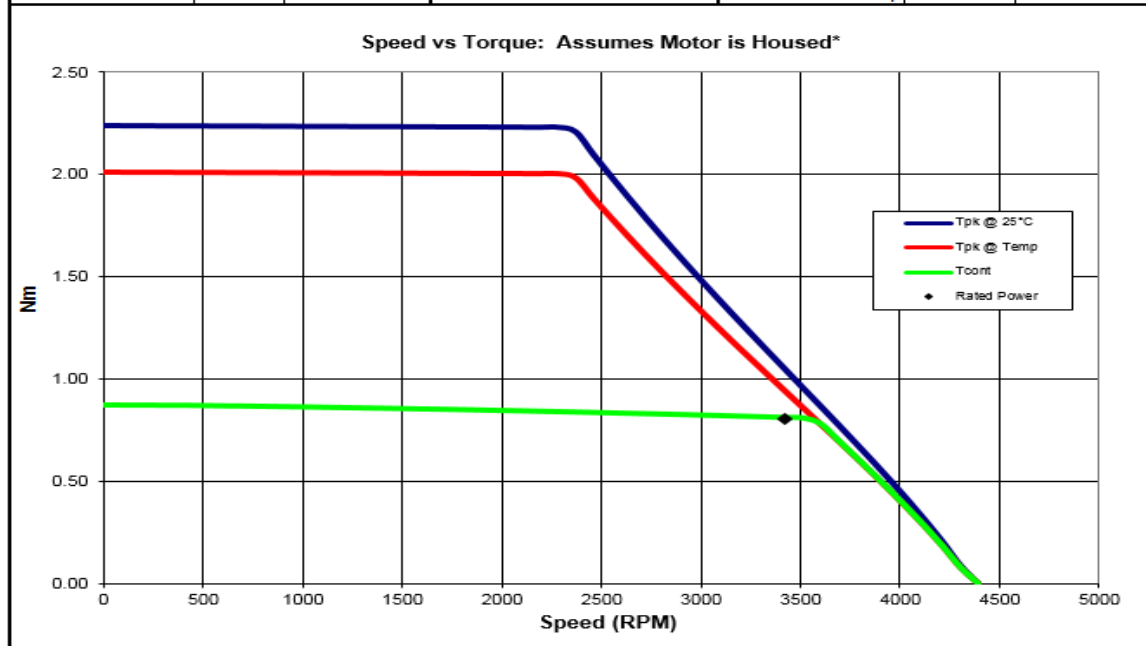
Output Units: Nm		25°C Ambient & 80°C Winding Temp			
<i>Motor Parameters (TPC =17)</i>		KOLLMORGEN		<i>Amplifier Parameters</i>	
Kt at Temp:	0.135 Nm/Arms	BMS-1712-A		Drive Type:	SINE
Rm at Ambient:	0.509 Ohms			Drive Input:	33.9 Vrms
Lm:	0.54 mH			Vbus:	48.0 Vdc
Ambient Temp:	25 °C			Ipeak Drive:	19.2 Arms
Winding Temp:	80 °C	<i>Stack = 0.5" (12.7mm)</i>		Icont Motor (Stall):	5.10 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 = 3561 RPM Rated Power (Watts) = 200 *Thermal Resistance = 2.3 °C per Watt
 Kb (hot)= 8.1 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 =17)</i>		KOLLMORGEN		<i>Amplifier Parameters</i>	
Kt at Temp:	0.128 Nm/Arms	BMS-1712-A		Drive Type:	SINE
Rm at Ambient:	0.509 Ohms			Drive Input:	33.9 Vrms
Lm:	0.54 mH			Vbus:	48.0 Vdc
Ambient Temp:	25 °C			Ipeak Drive:	19.2 Arms
Winding Temp:	155 °C	<i>Stack = 0.5" (12.7mm)</i>		Icont Motor (Stall):	7.00 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 = 3424 RPM Rated Power (Watts) = 289 *Thermal Resistance = 2.3 °C per Watt
 Kb (hot)= 7.7 Vrms/kRPM