

REL S.O.	IDVSNM2333T	VOLTS	460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	254TC	AMPS	18.5	MAX SAFE RPM	5400	(AT BASE RATING, 25 ⁰ C)			
HP	15	DUTY	CONT	In (AMPS)	8.9	R1	0.2200	X1	0.9040
BASE SPEED	1765	S.F.	1.00	P.F. @NL/FL	5/81	R2	0.1840	X2	1.0940
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	2.1			XM	26.4200

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1771	15.2	45.0	460	60	18.4
Max Speed	2669	15.0	29.6	460	90	17.1
Min Speed	0	0.0	44.4	18.03	0.97	18.4

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	8.9
1/4	1793	3.8	11.3	460	60	9.9
1/2	1787	7.7	22.5	460	60	12.0
3/4	1780	11.4	33.8	460	60	15.0
Full Load	1771	15.2	45.0	460	60	18.4
O/L	1719	44.9	137.0	460	60	56.6

Blower Data	Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data
Vector PWM Inverter Duty



DR BY E Rowan
CK BY E Rowan
APP BY E Rowan
DATE 8/20/2012

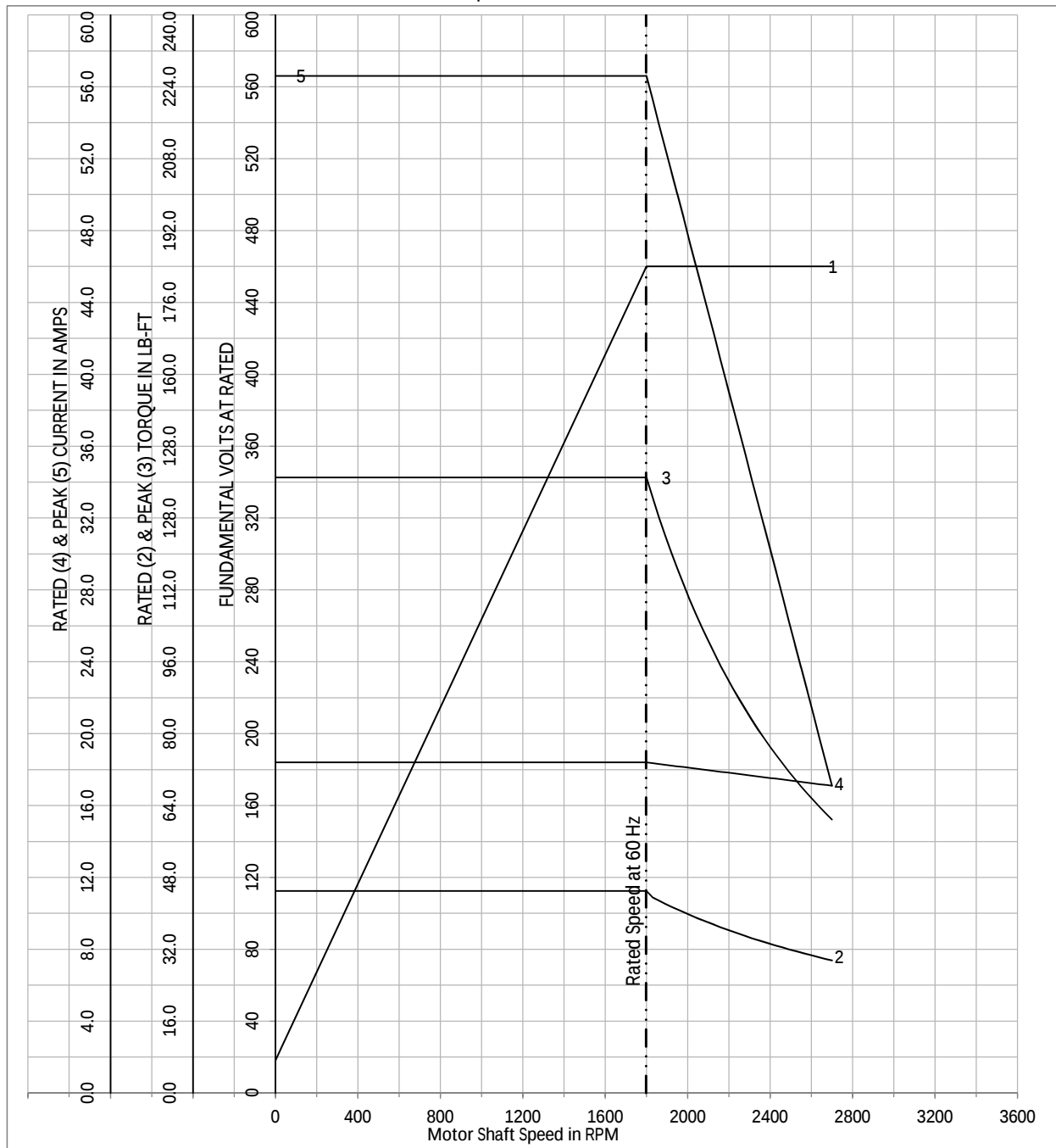
A-C MOTOR
PERFORMANCE CURVES

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Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

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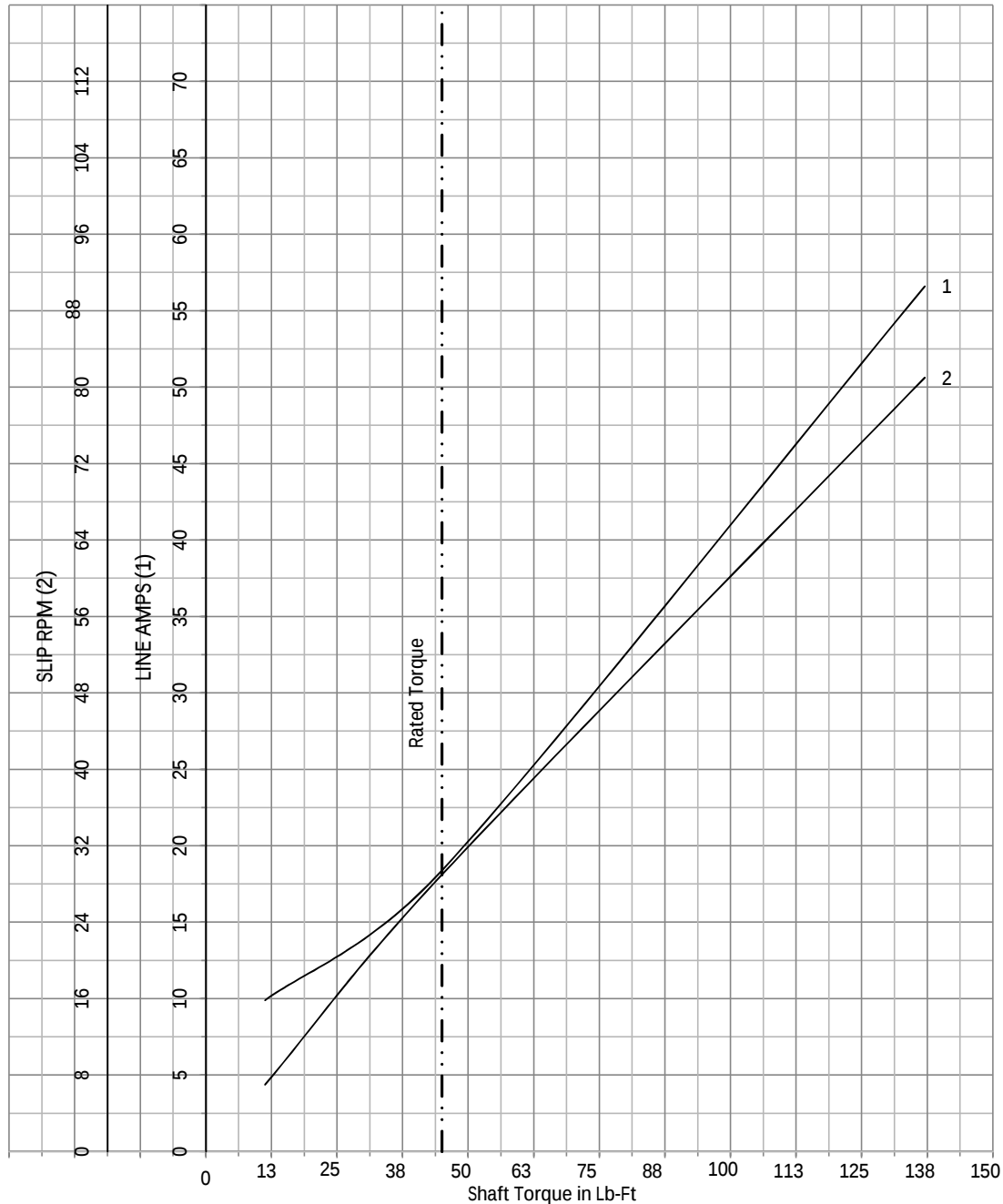
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SH 1 of 2
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