

REL S.O.	ZDVSNM2238T	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	254TC	AMPS	13	MAX SAFE RPM	5400	(AT BASE RATING, 25°C)			
HP	10	DUTY	CONT	In (AMPS)	5.6	R1	0.3390	X1	0.1364
BASE SPEED	1770	S.F.	1.00	P.F. @NL/FL	6/78	R2	0.2730	X2	1.6460
PHASE/HZ	3/60	AMB°C/INSUL	40/F	WK ² (lb-ft ²)	2.1			XM	45.2050

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1773	10.1	29.8	460	60	13.0
Max Speed	2659	10.0	19.8	460	90	11.6
Min Speed	0	0.0	29.7	18.46	0.90	13.0

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	5.6
1/4	1793	2.5	7.5	460	60	6.6
1/2	1787	5.1	14.9	460	60	8.1
3/4	1780	7.6	22.4	460	60	10.4
Full Load	1773	10.1	29.8	460	60	13.0
O/L	1707	27.5	84.6	460	60	34.2

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 1/24/2013

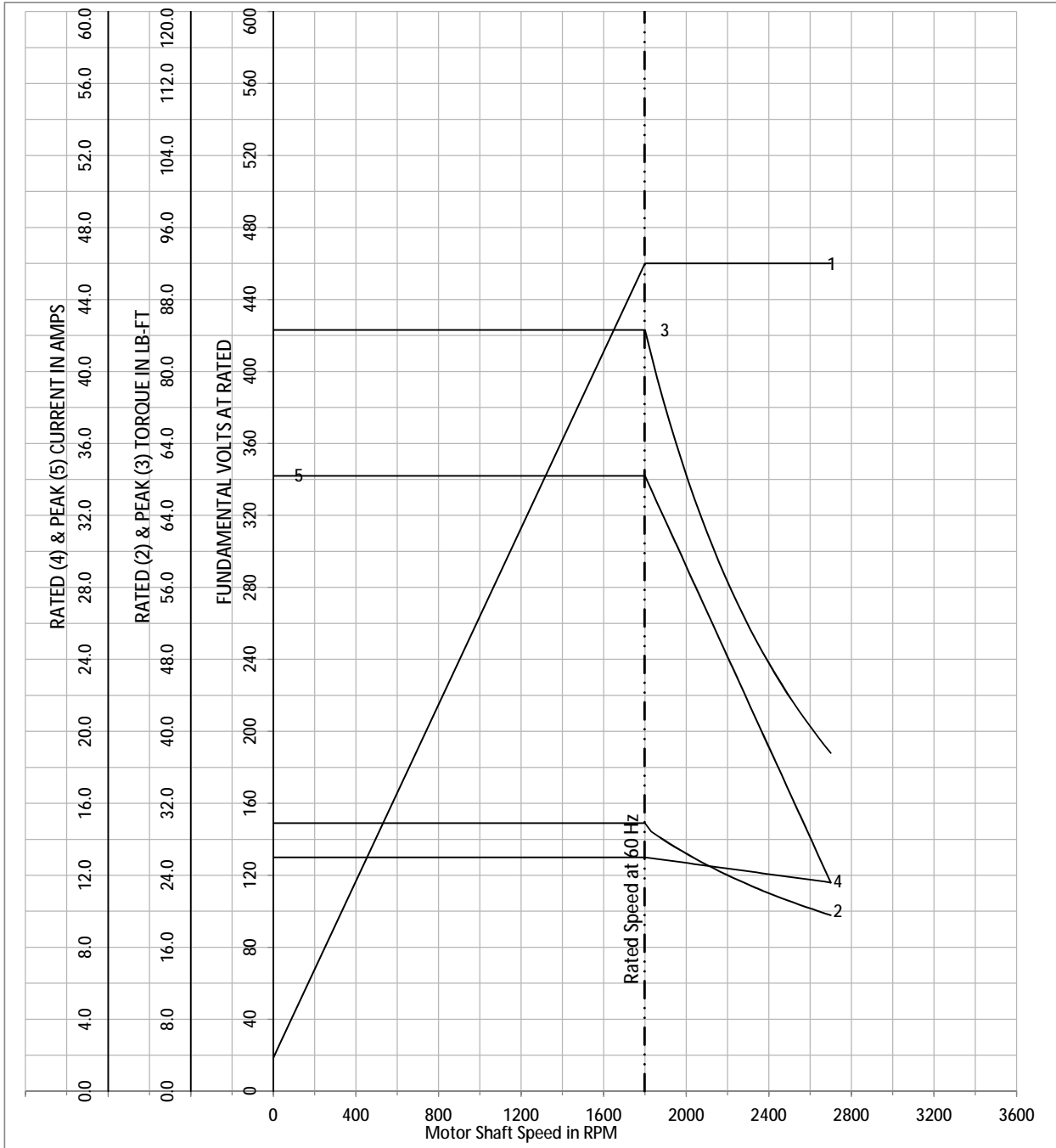
A-C MOTOR
PERFORMANCE CURVES

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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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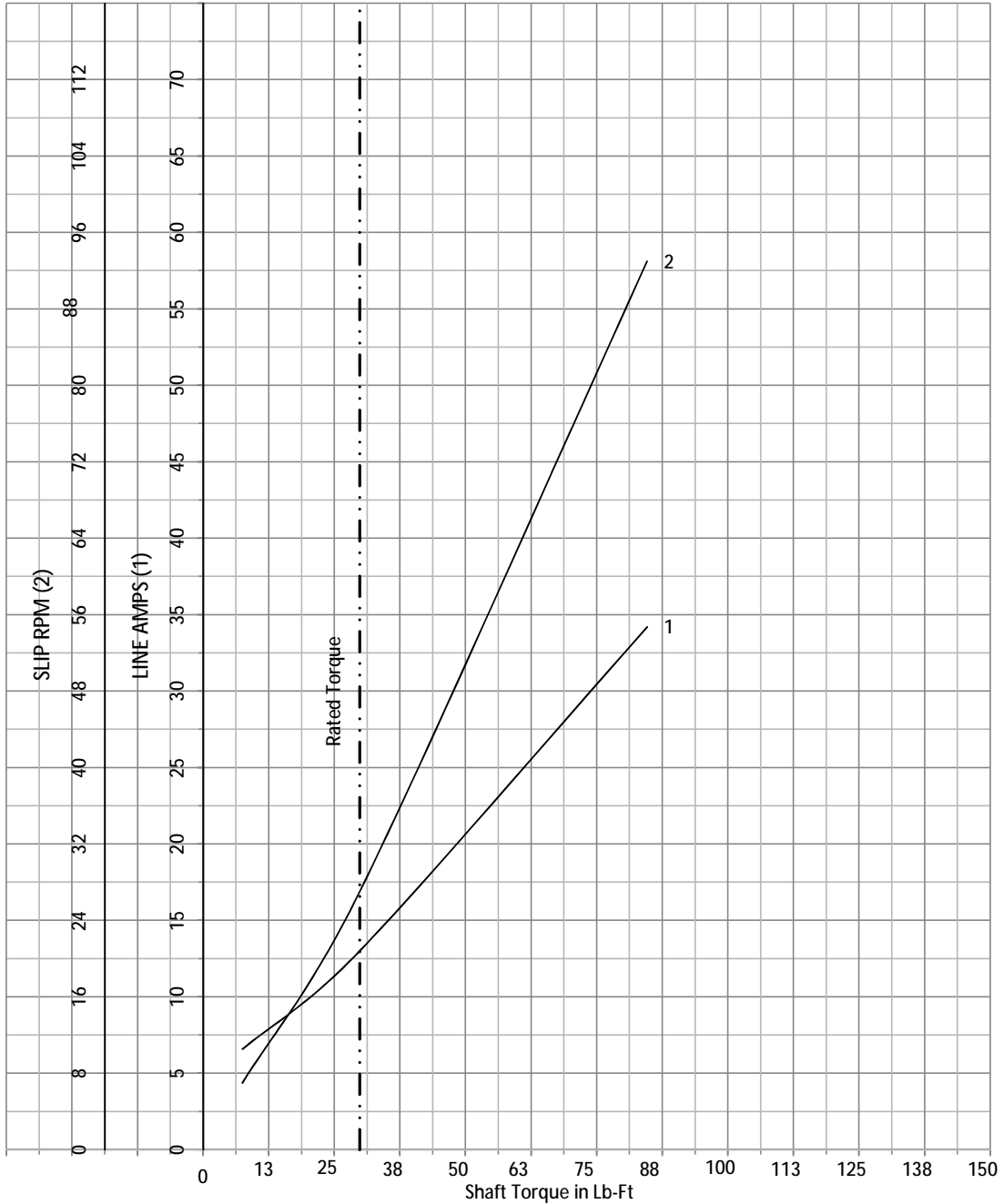
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SH 1 of 2
ISSUE DATE 1/24/2013

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