

REL S.O.	ZDVSNM3661T	VOLTS	460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	182TC	AMPS	4.1	MAX SAFE RPM	6000	(AT BASE RATING, 25°C)			
HP	3	DUTY	CONT	In (AMPS)	2.4	R1	1.8960	X1	5.0400
BASE SPEED	1760	S.F.	1.0	P.F. @NL/FL	6/73	R2	1.3540	X2	4.2900
PHASE/HZ	3/60	AMB°C/INSUL	40/F	WK ² (lb-ft ²)	0.326			XM	112.2000

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1765	3.0	8.98	460	60	4.29
Max Speed	2630	3.0	6.04	460	90	3.90
Min Speed	0	0.0	9.00	31.64	1.17	4.29

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.00	460	60	2.40
1/4	1791	0.8	2.30	460	60	2.67
1/2	1783	1.5	4.51	460	60	3.04
3/4	1774	2.3	6.71	460	60	3.61
Full Load	1765	3.0	8.98	460	60	4.29
O/L	1735	5.0	15.20	460	60	6.60

Blower Data

Volts	Ph/Hz	FL Amps	LR Amps	Frame	CFM

Remarks: Calculated Data
Vector PWM Inverter Duty



DR BY Micheal Williamson
 CK BY Micheal Williamson
 APP BY Micheal Williamson
 DATE 5/14/2013

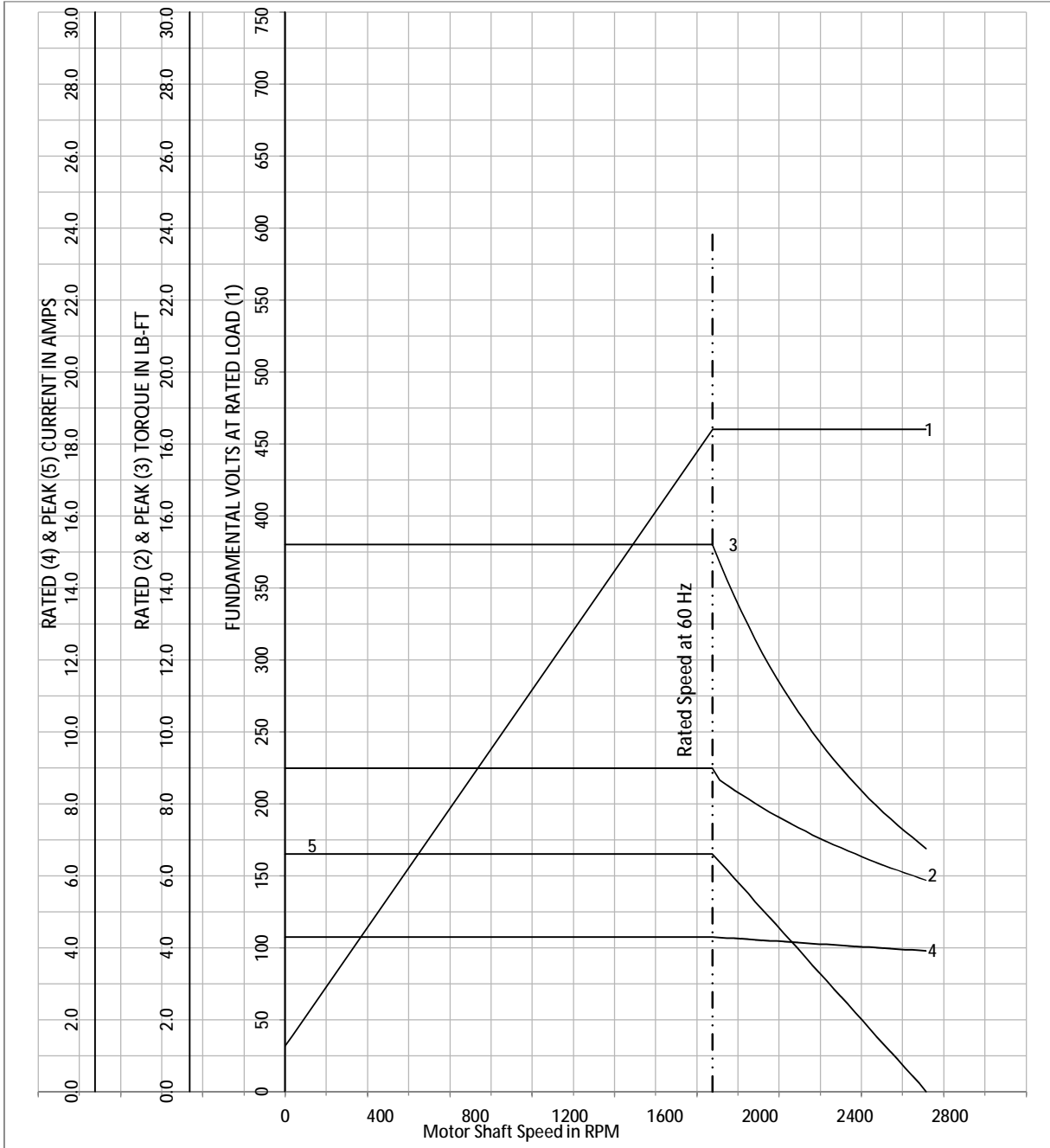
A-C MOTOR
PERFORMANCE CURVES

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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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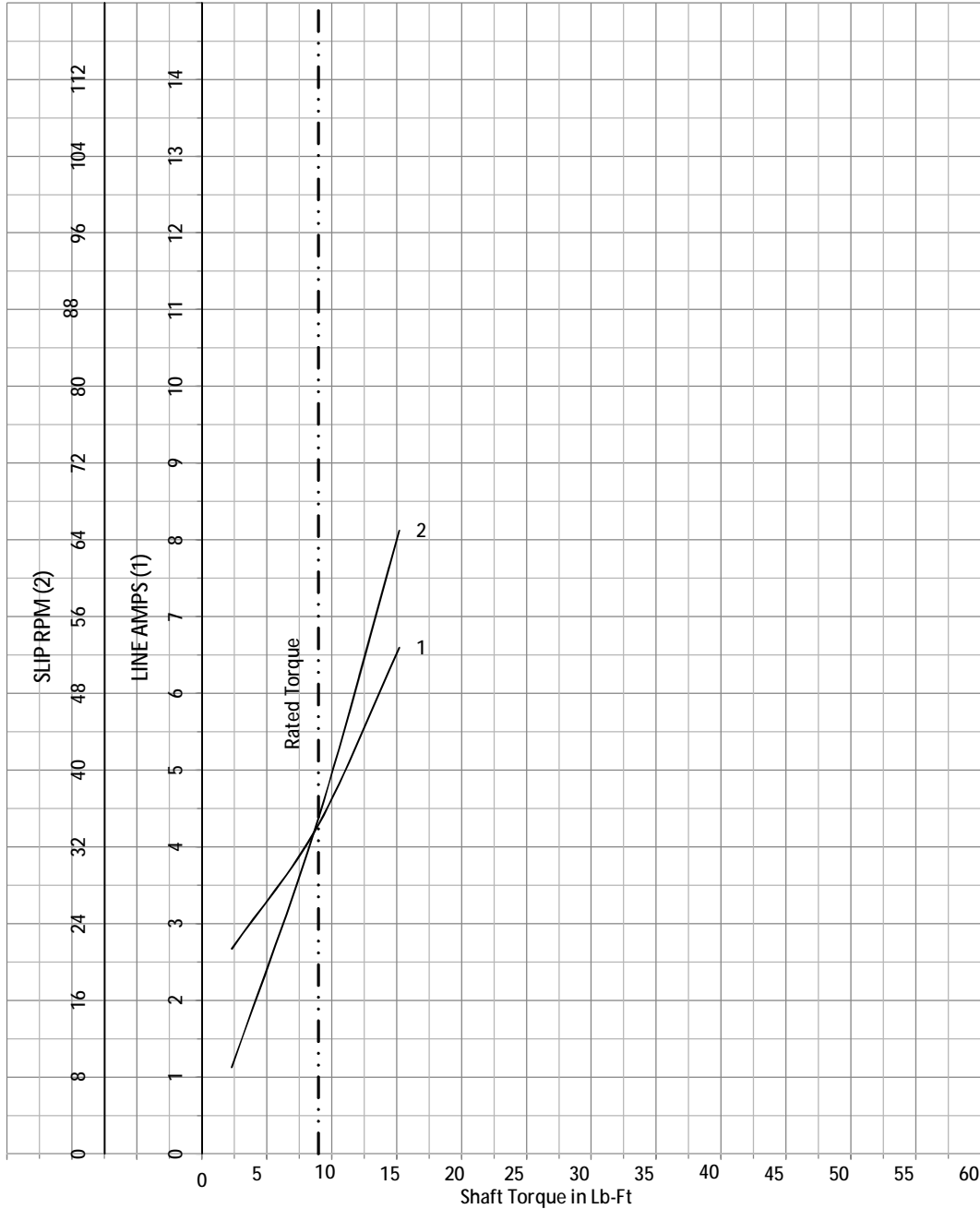
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SH 1 of 2
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