

REL S.O.	ZDVSCP3665T	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	184TC	AMPS	6.6	MAX SAFE RPM	4000	(AT BASE RATING, 25 ⁰ C)			
HP	5	DUTY	CONT	In (AMPS)	3.2	R1	1.3080	X1	3.6930
BASE SPEED	1750	S.F.	1.0	P.F. @NL/FL	6/79	R2	1.0000	X2	3.2200
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	0.382			XM	81.0550

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1749	5.0	15.00	460	60	6.63
Max Speed	2622	5.0	10.10	460	90	6.00
Min Speed	0	0.0	15.15	36.44	1.70	6.63

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.00	460	60	3.20
1/4	1788	1.3	3.75	460	60	3.48
1/2	1775	2.5	7.52	460	60	4.26
3/4	1763	3.8	11.20	460	60	5.34
Full Load	1749	5.0	15.00	460	60	6.63
O/L	1679	11.0	34.50	460	60	14.50

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

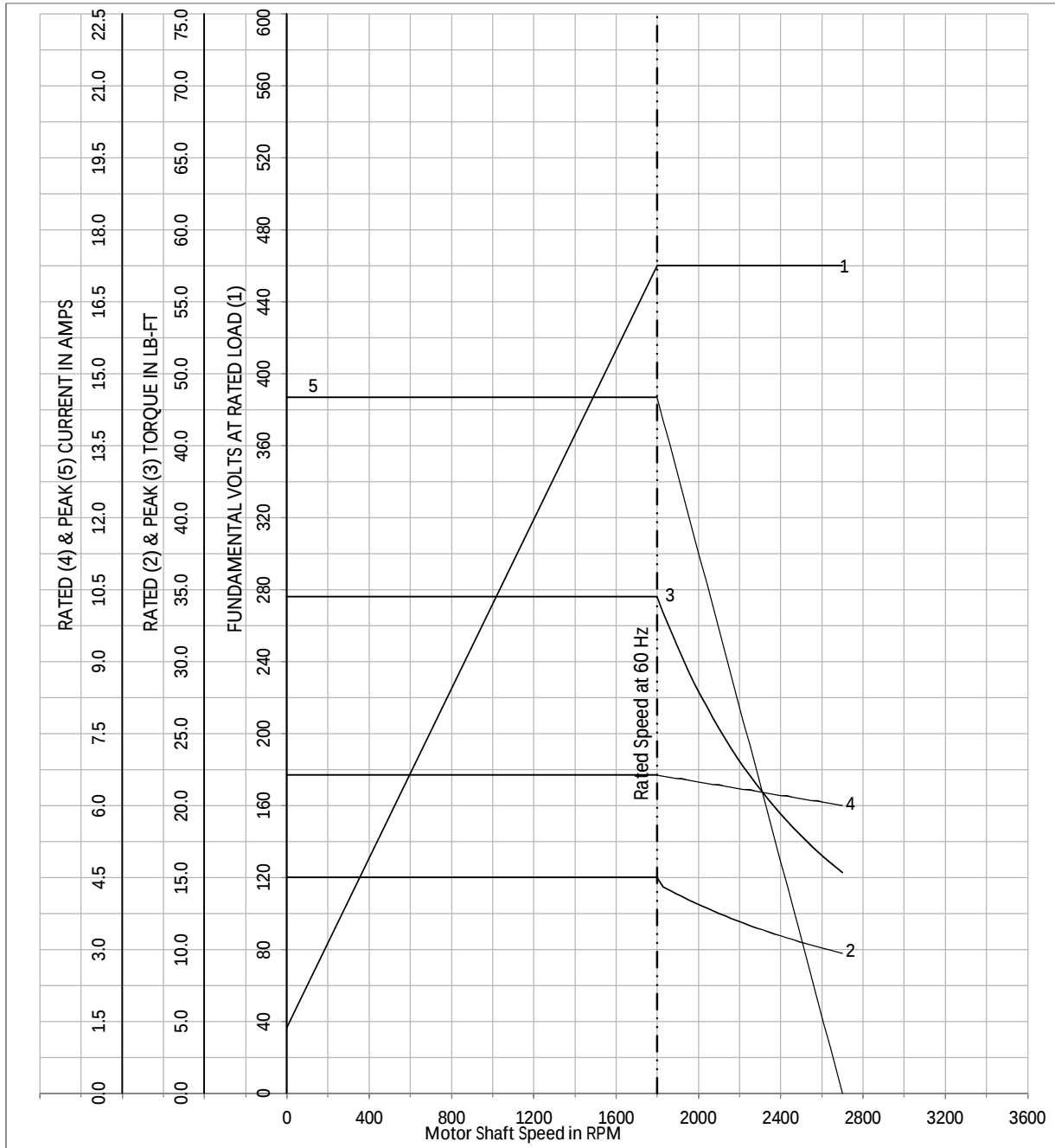
A-C MOTOR
PERFORMANCE CURVES

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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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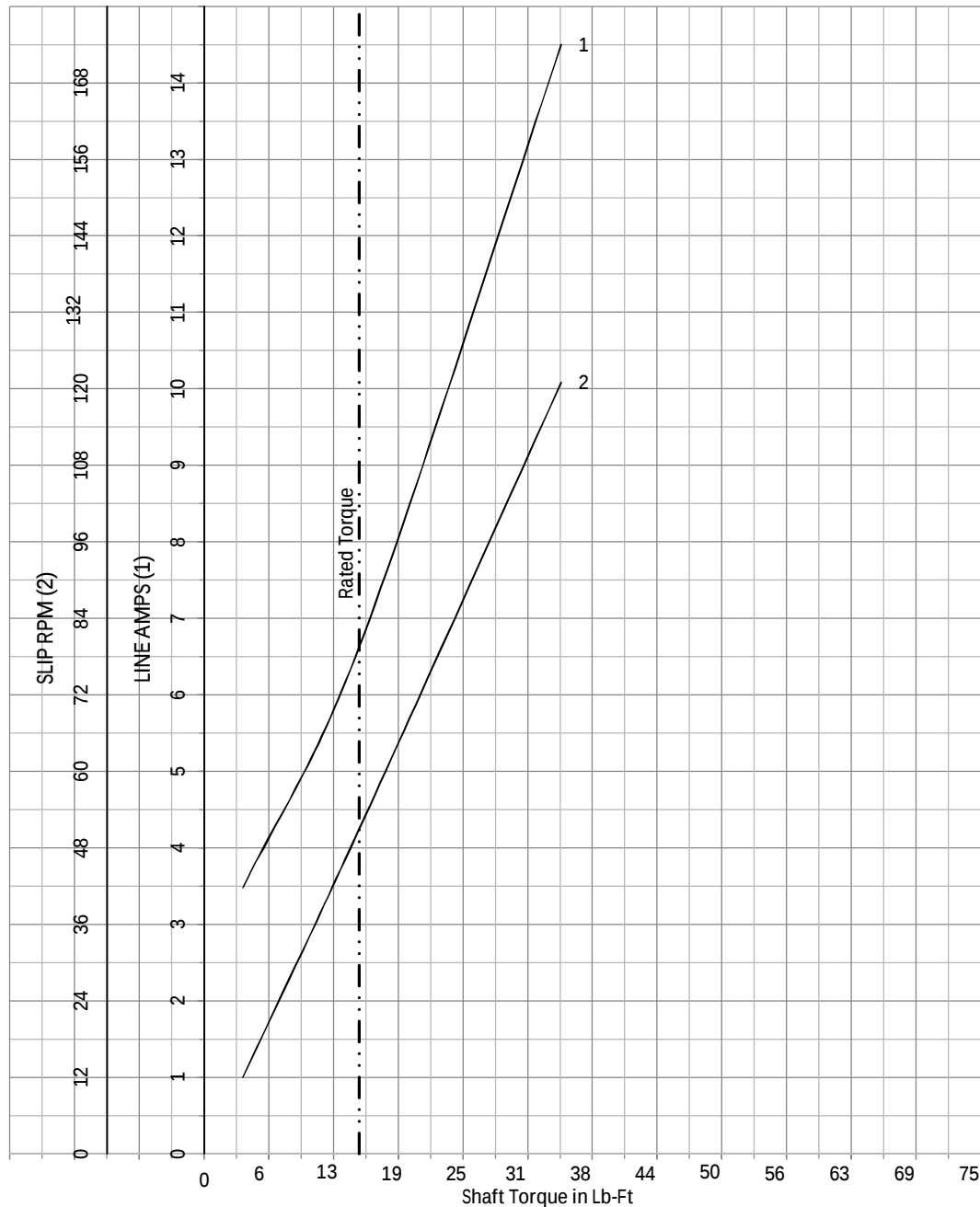
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