

REL S.O.	IDVSNM3665T	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	184TC	AMPS	6.6	MAX SAFE RPM	6000	(AT BASE RATING, 25 ⁰ C)			
HP	5	DUTY	CONT	In (AMPS)	3.6	R1	1.1200	X1	2.8100
BASE SPEED	1750	S.F.	1.0	P.F. @NL/FL	6/79	R2	0.9210	X2	2.3200
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	0.4			XM	68.7200

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1751	5.0	15.00	460	60	6.54
Max Speed	2626	5.0	9.98	460	90	5.95
Min Speed	0	0.0	14.97	32.29	1.63	6.54

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.00	460	60	3.60
1/4	1788	1.3	3.74	460	60	3.72
1/2	1777	2.5	7.52	460	60	4.37
3/4	1764	3.8	11.30	460	60	5.41
Full Load	1751	5.0	15.00	460	60	6.54
O/L	1708	10.0	30.70	460	60	12.00

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

Remarks: Calculated Data
Vector PWM Inverter Duty



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APP BY Micheal Williamson
DATE 8/27/2012

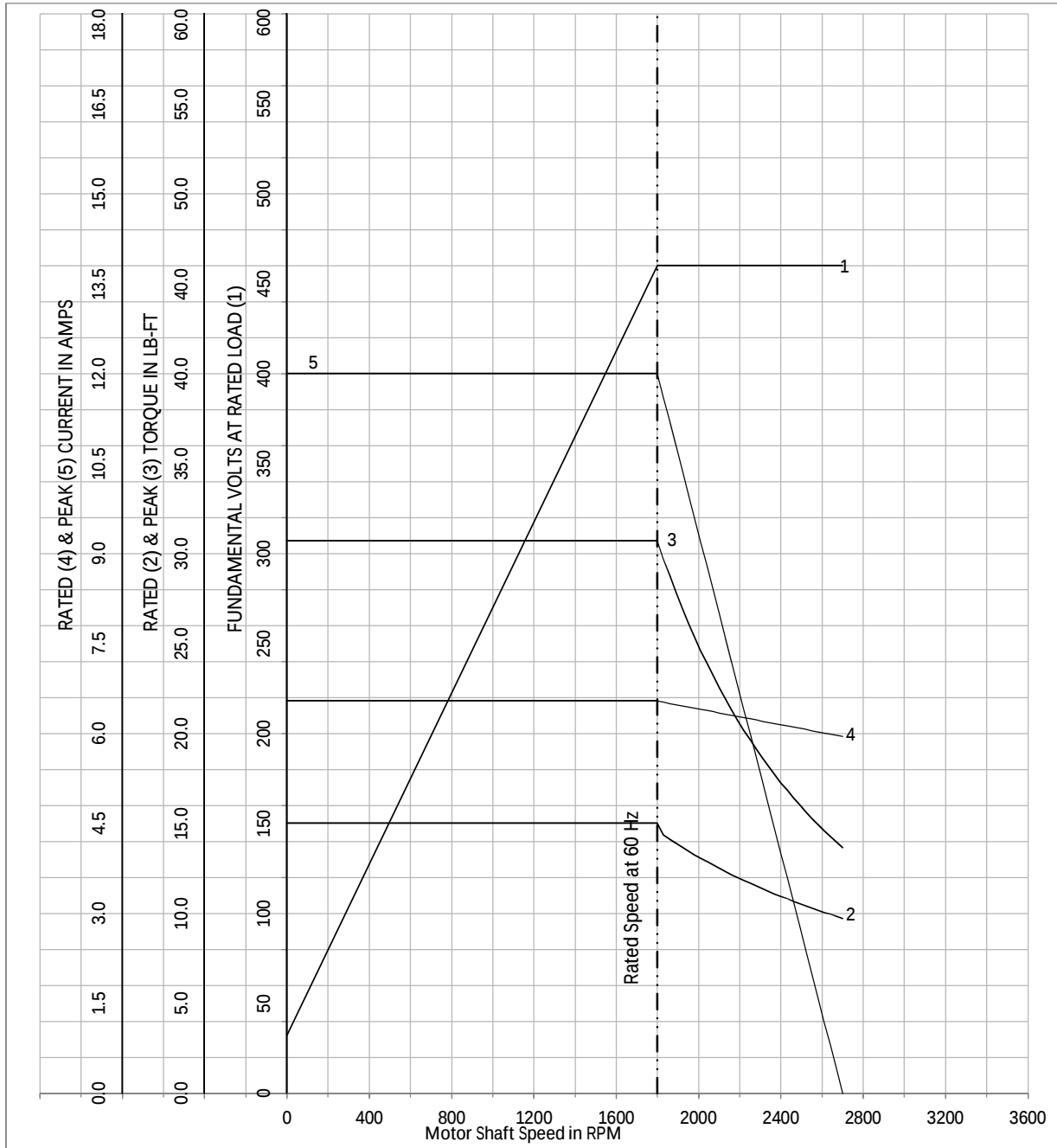
A-C MOTOR
PERFORMANCE CURVES

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Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

BALDOR
A MEMBER OF THE ABB GROUP

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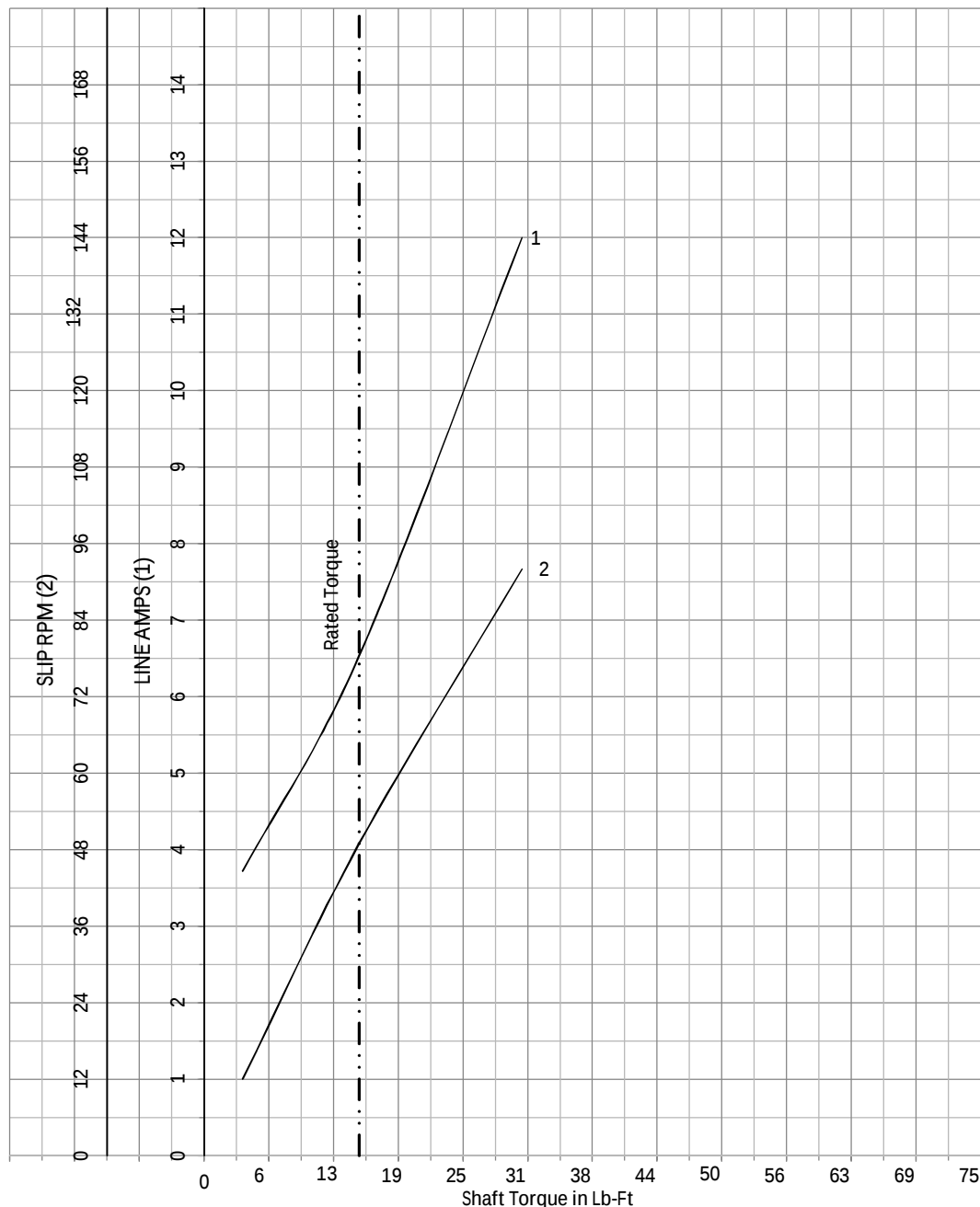
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