

REL S.O.	IDVSM3661T	VOLTS	460	ENCLOSURE	TEFC	WYE CONN EQ CKT OHMS PER PHASE			
FRAME	182TC	AMPS	4.1	MAX SAFE RPM	5400	(AT BASE RATING, 25 ⁰ C)			
HP	3	DUTY	CONT	In (AMPS)	2.1	R1	2.0800	X1	5.4900
BASE SPEED	1760	S.F.	1.0	P.F. @NL/FL	6/77	R2	1.4800	X2	4.5800
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	0.298			XM	119.3000

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1757	3.0	9.06	460	60	4.10
Max Speed	2630	3.0	6.04	460	90	3.90
Min Speed	0	0.0	9.06	33.37	1.43	4.10

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.00	460	60	2.10
1/4	1789	0.8	2.31	460	60	2.34
1/2	1779	1.5	4.54	460	60	2.79
3/4	1769	2.3	6.80	460	60	3.39
Full Load	1757	3.0	9.06	460	60	4.10
O/L	1700	6.5	20.20	460	60	8.50

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 8/20/2012

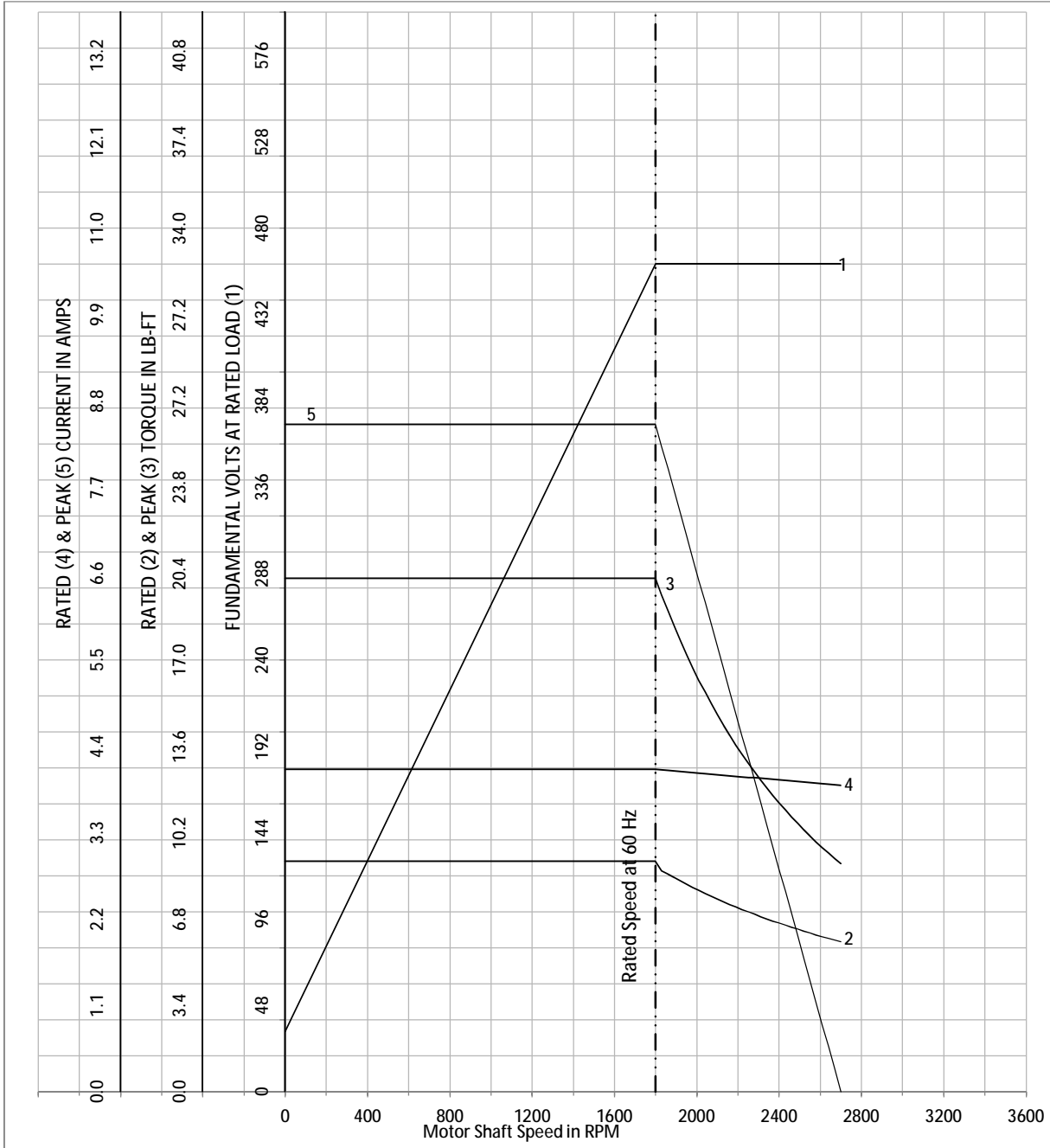
A-C MOTOR
PERFORMANCE CURVES

06G938X181Z1

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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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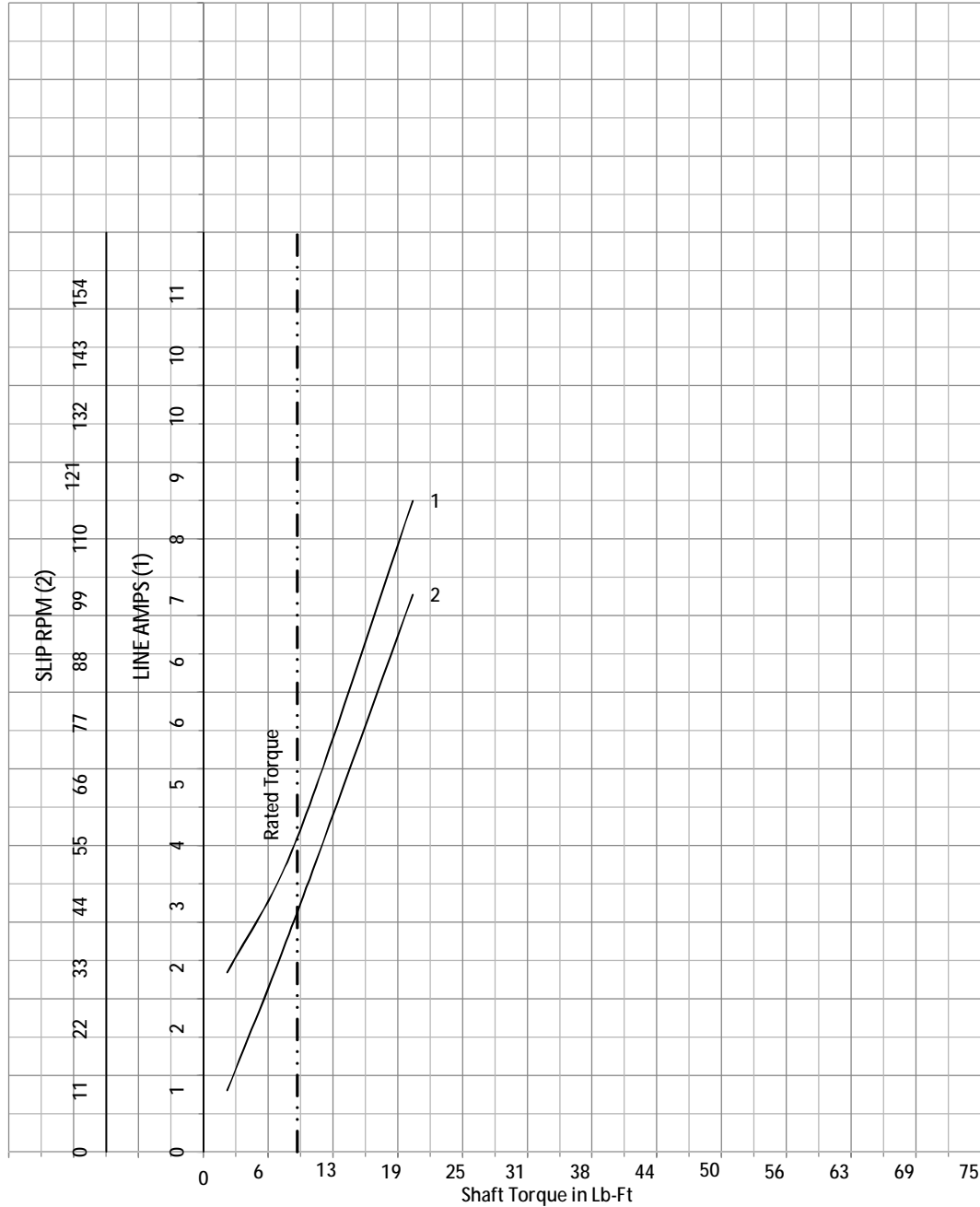
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