

NP VOLTS	575	MAX SAFE RPM	2700	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	19.2	Base Volt	575	R1	0.264	X1	1.370
HP	20 HP	NL AMPS	8.28	R2	0.249	X2	1.820
BASE SPEED	1772	Slips(HZ)	0.93			XM	47.200
PHASE/HZ	3/60	WK2 (lb-ft <sup>2</sup> )	2.650				

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1772	20.0	59.3	575	60	19.2
Max Speed	2657	20.0	39.6	575	90	18.5
Min Speed	0	0.0	59.3	22.51	0.93	19.2

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	575	60	8.3
1/4	1793	5.0	14.7	575	60	9.4
1/2	1786	10.0	29.5	575	60	12.0
3/4	1779	15.0	44.3	575	60	15.3
Full Load	1772	20.0	59.3	575	60	19.2
O/L	1741	40.1	121.0	575	60	39.1

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

Remarks: Calculated Data  
Vector PWM Inverter Duty

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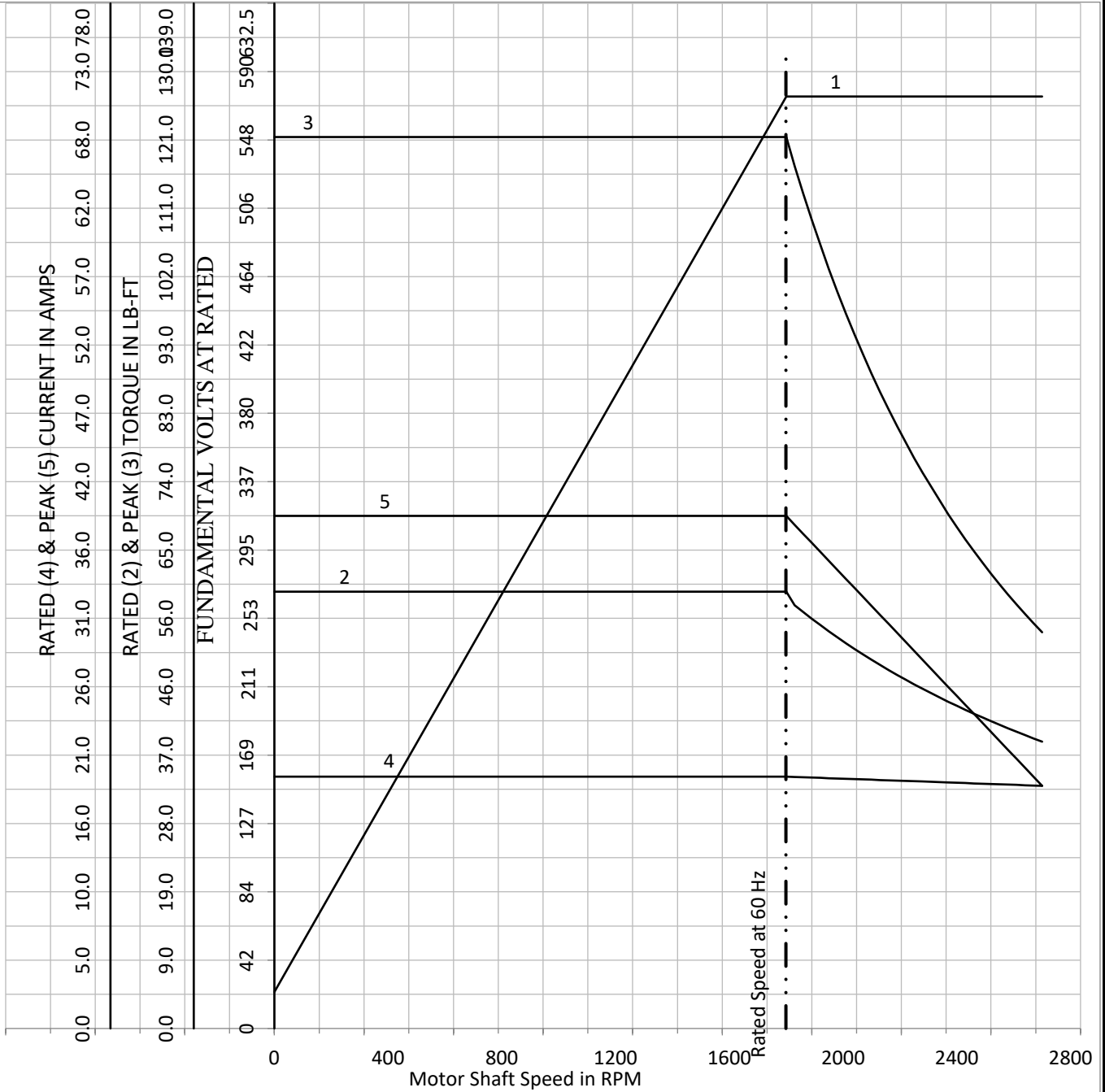
**A-C MOTOR  
PERFORMANCE  
CURVES**

**09WGT507**

Record: 85523

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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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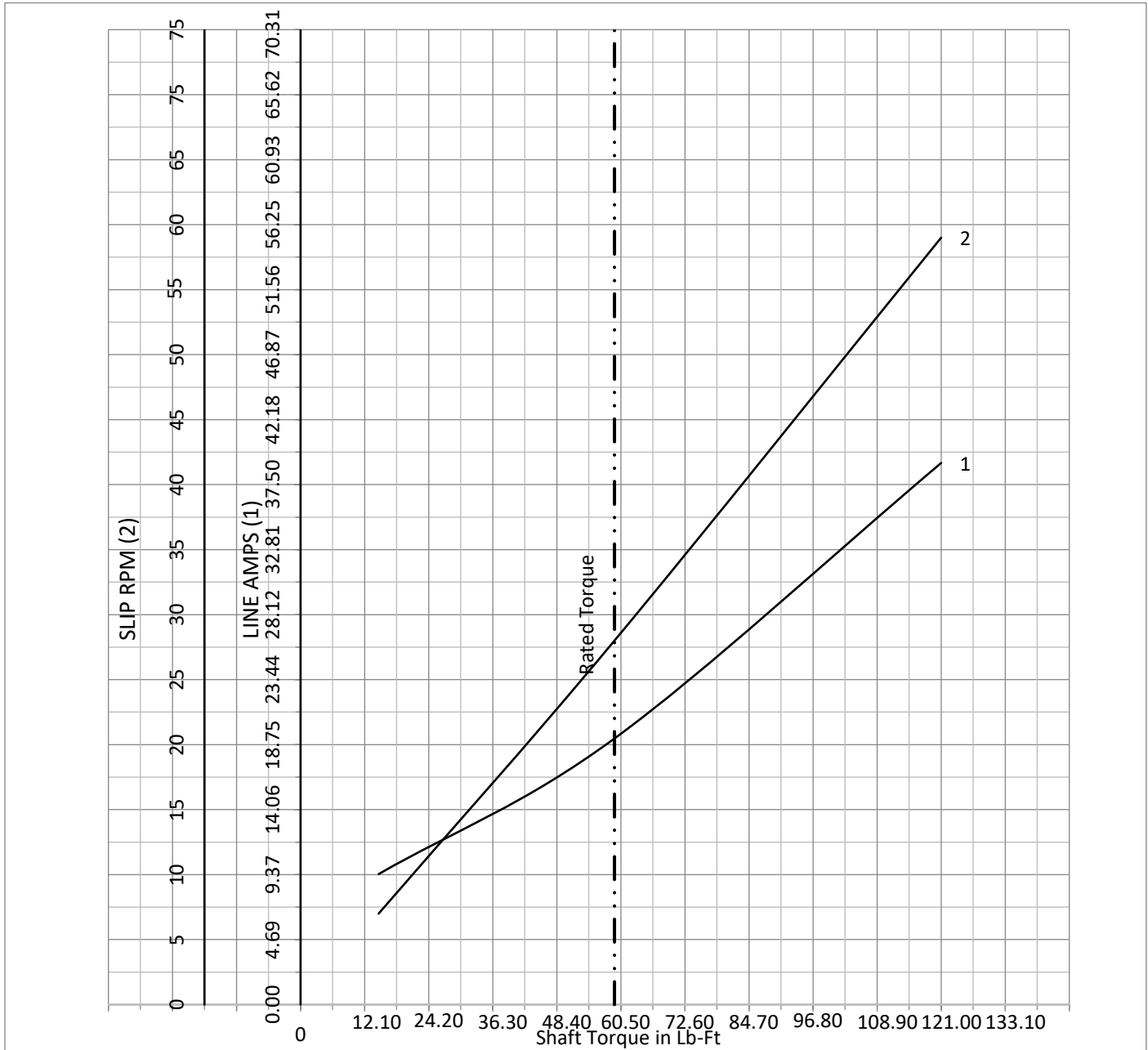
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Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



Calculated Data

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