

NP VOLTS	230/460	MAX SAFE RPM	2700	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	96/48	Base Volt	460	R1	0.077	X1	0.428
HP	40HP	NL AMPS	19.5	R2	0.060	X2	0.492
BASE SPEED	1775	Slips (Hz)	0.67			XM	11.900
PHASE/HZ	3/60	WK <sup>2</sup> (lb-ft <sup>2</sup> )	7.19				

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1780	40.0	118.0	460	60	48.4
Max Speed	2669	40.0	78.7	460	90	45.1
Min Speed	0	0.0	118.0	16.88	0.67	48.4

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	19.5
1/4	1795	10.1	29.5	460	60	22.9
1/2	1790	20.1	59.0	460	60	30.1
3/4	1785	30.1	88.6	460	60	38.9
Full Load	1780	40.0	118.0	460	60	48.4
O/L	1758	80.0	239.0	460	60	94.0

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

Remarks: Calculated Data  
Vector PWM Inverter Duty

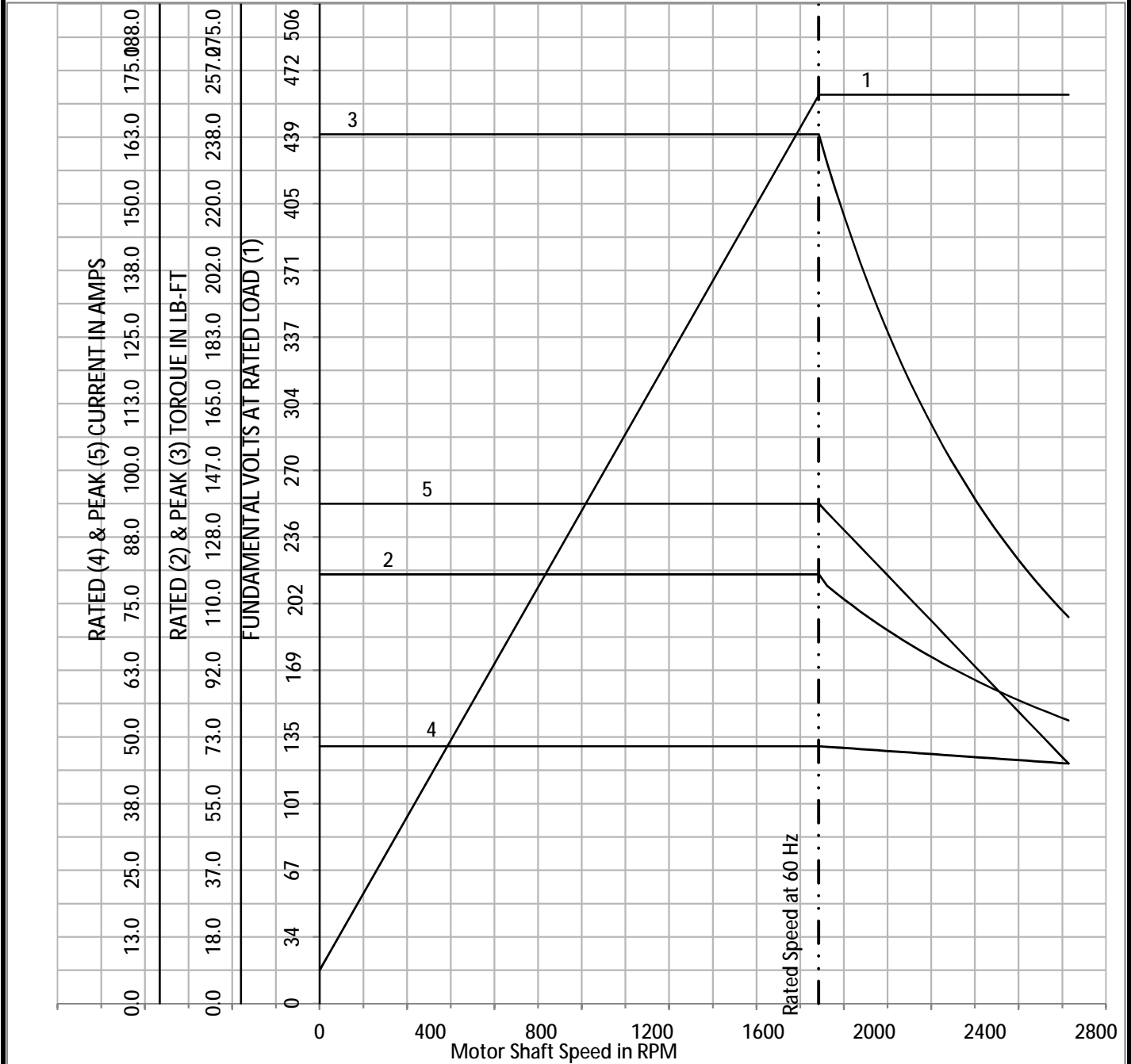
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Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

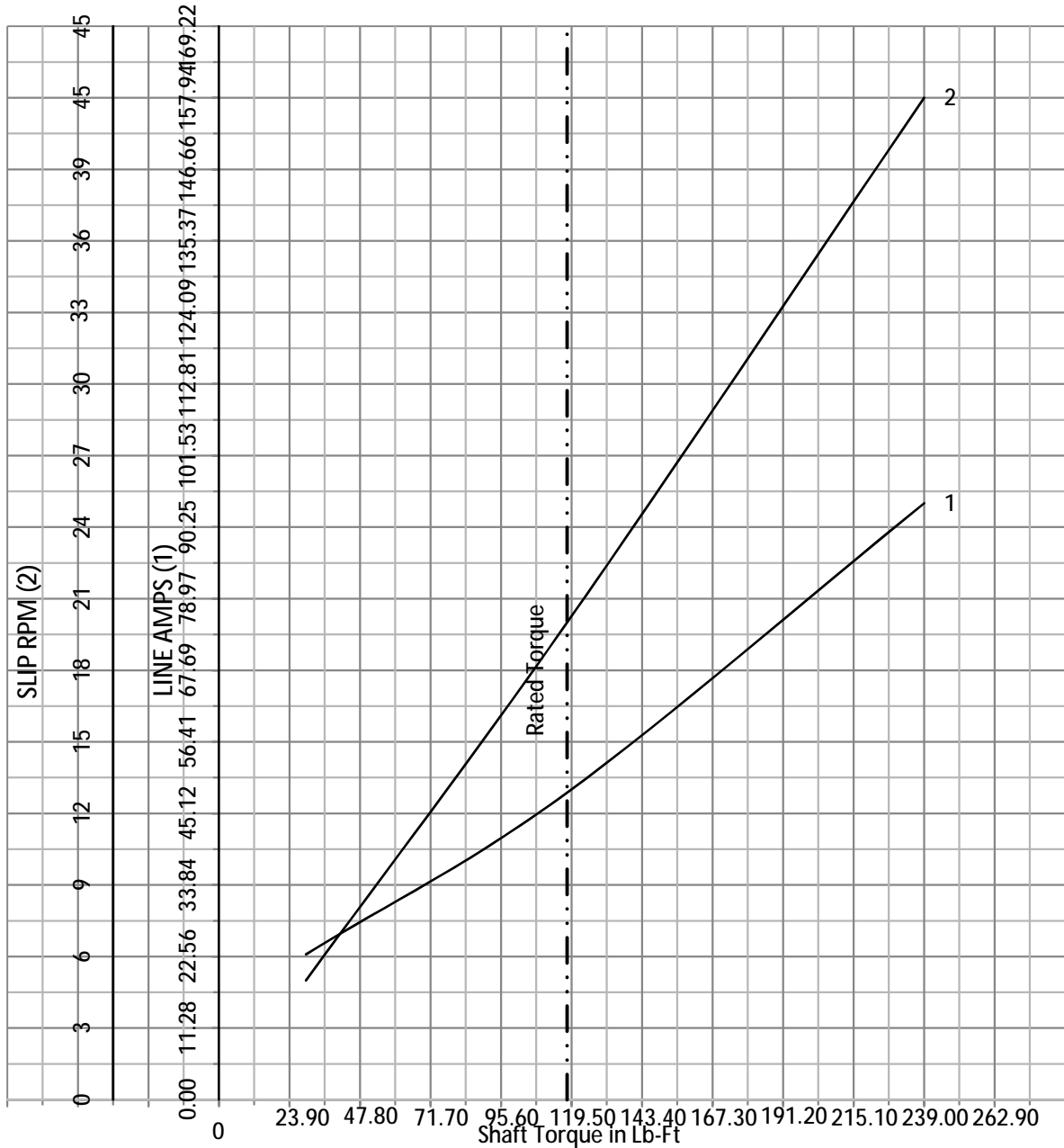


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PHASE/HZ	3/60	WK2 (lb-ft <sup>2</sup> )	7.19				

Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



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