

NP VOLTS	230/460	MAX SAFE RPM	2700	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	76/38	Base Volt	460	R1	0.107	X1	0.492
HP	30 HP	NL AMPS	17.90	R2	0.515	X2	0.443
BASE SPEED	1777	Slips(HZ)	0.78	R2B	0.075	X2B	0.692
PHASE/HZ	3/60	WK2 (LB-FT2)	4.470	R2E	0.022	XM	12.800

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1776.5	30.0	88.7	460	60	37.6
Max Speed	2664	30.0	59.1	460	90	33.4
Min Speed	0	0.0	88.7	16.78	0.78	37.6

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1798.9	0.0	0.0	460	60	17.9
1/4	1792.2	7.5	22.1	460	60	19.8
1/2	1787.6	15.0	44.1	460	60	24.3
3/4	1782.4	22.5	66.2	460	60	30.7
Full Load	1776.5	30.0	88.7	460	60	37.6
O/L	1749	60.0	180.0	460	60	73.0

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

Remarks: Calculated Data
Vector PWM Inverter Duty

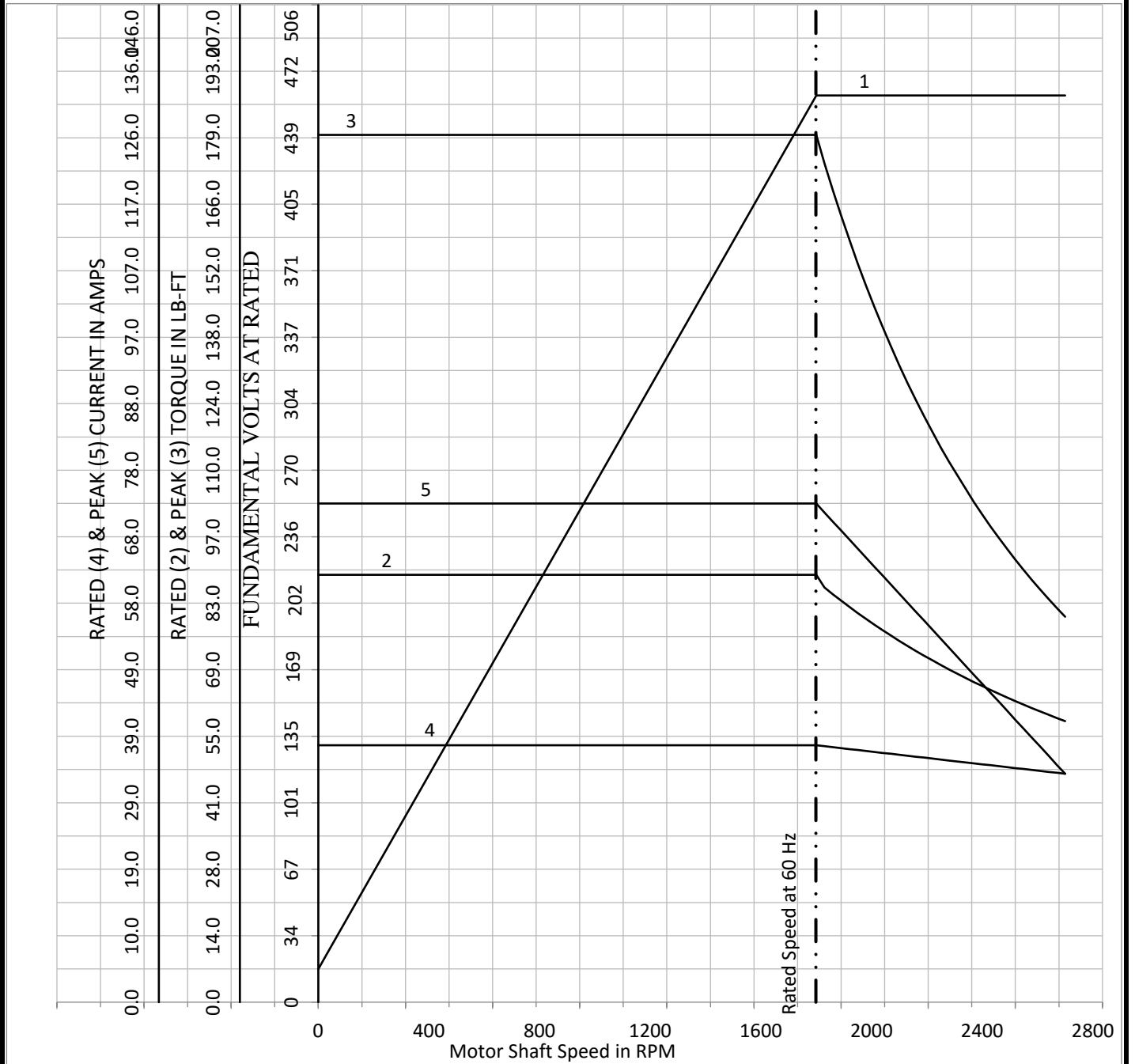


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A-C MOTOR PERFORMANCE CURVES
10WGY538
 Record: 52925

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Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

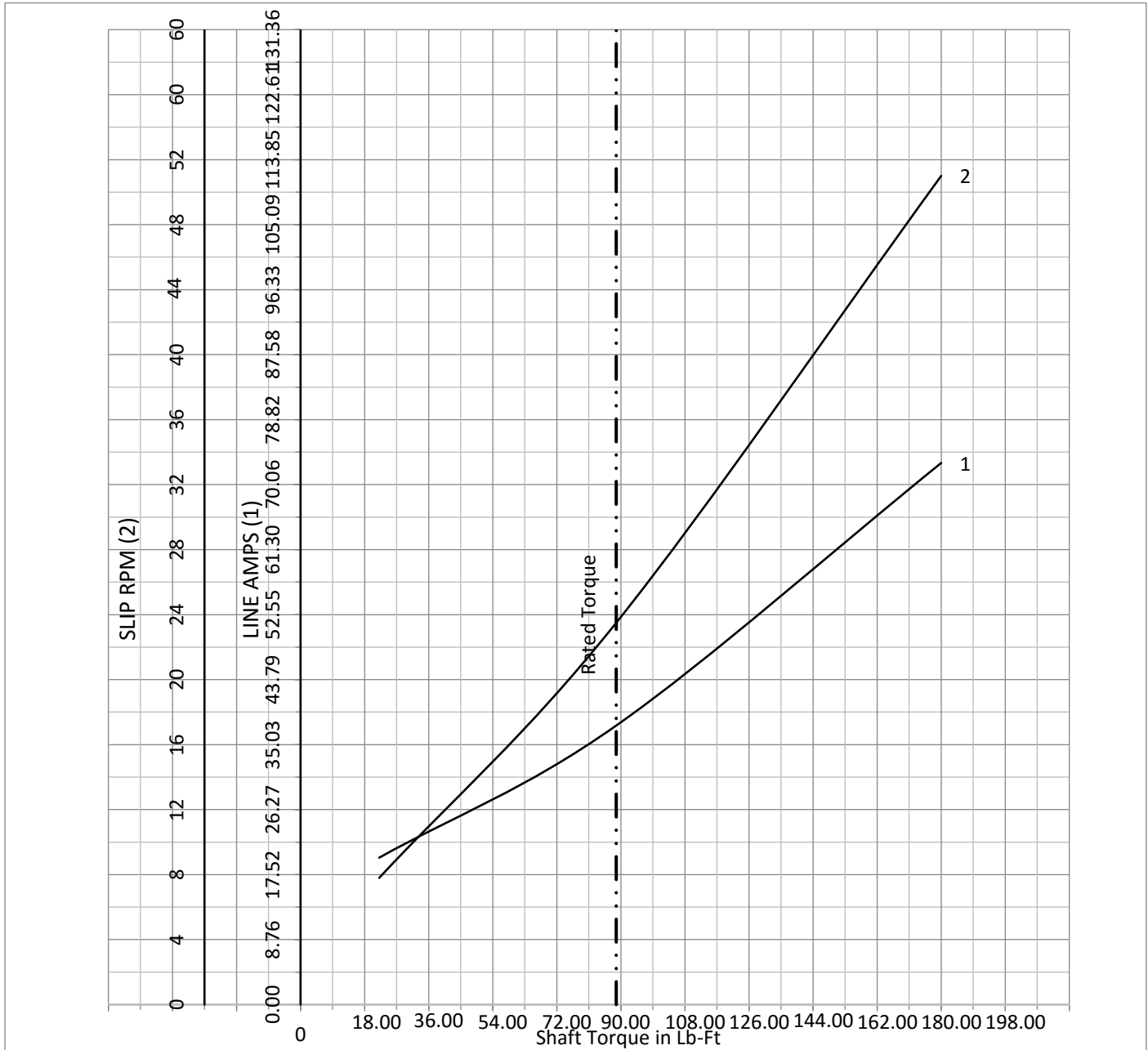


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Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

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 PERFORMANCE
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