

NP VOLTS	230/460	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	18.2/9.1	Base Volt	460	R1	0.654	X1	2.120
HP	7.5HP	NL AMPS	4.0	R2	0.441	X2	2.250
BASE SPEED	1765	Slips (Hz)	1.07			XM	62.100
PHASE/HZ	3/60	WK ² (lb-ft ²)	1.4				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1768	7.4	22.1	460	60	9.1
Max Speed	2652	7.5	14.8	460	90	8.7
Min Speed	0	0.0	22.1	27.07	1.07	9.1

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	4.0
1/4	1792	1.8	5.3	460	60	4.5
1/2	1785	3.7	11.0	460	60	5.7
3/4	1777	5.6	16.6	460	60	7.4
Full Load	1768	7.4	22.1	460	60	9.1
O/L	1737	14.9	45.0	460	60	17.7

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

Remarks: Calculated Data
Vector PWM Inverter Duty

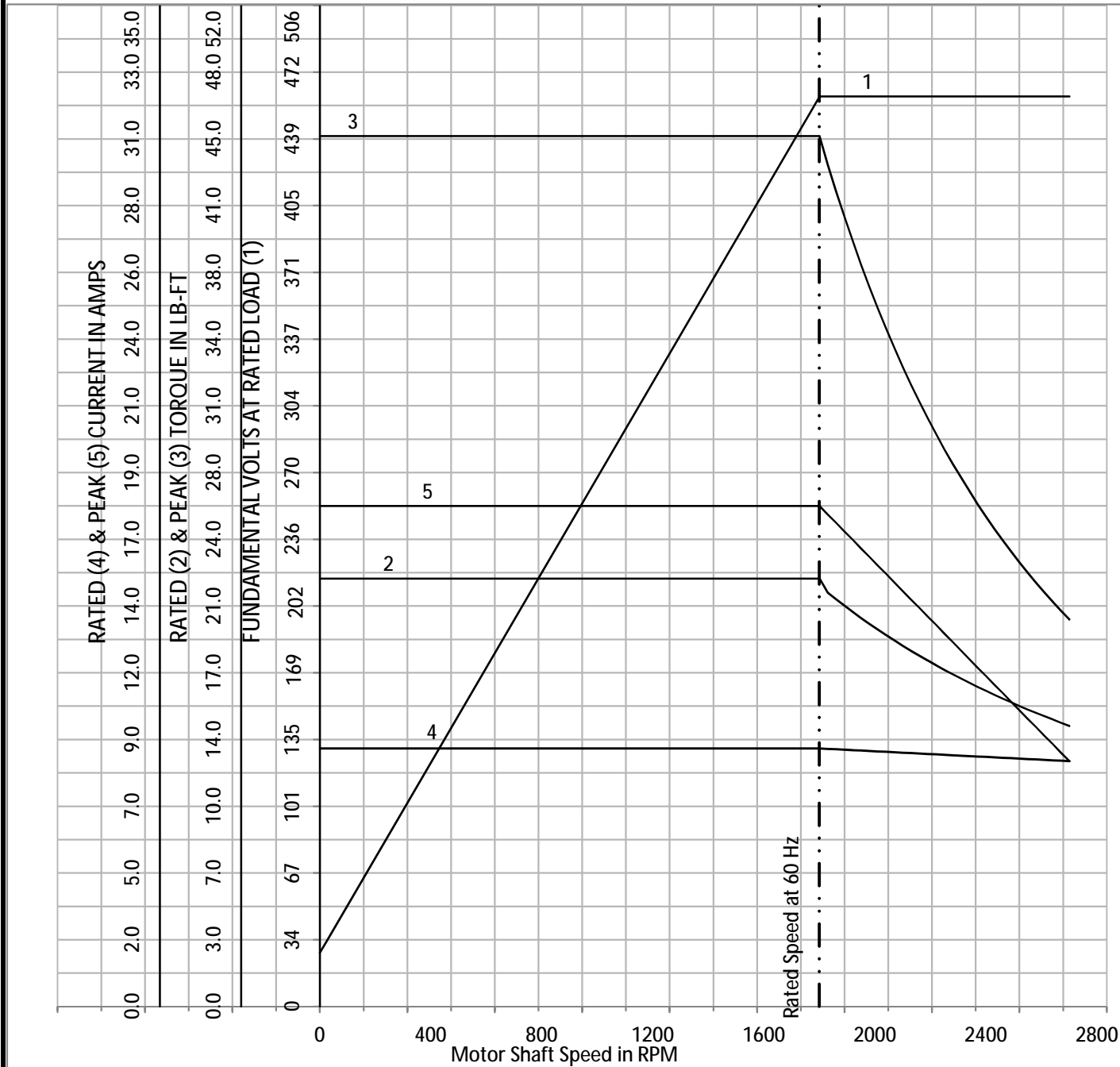


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 CURVES

NP VOLTS	230/460	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	18.2/9.1	Base Volt	460	R1	0.654	X1	2.120
HP	7.5HP	NL AMPS	3.97	R2	0.441	X2	2.250
BASE SPEED	1765	Slips (Hz)	1.07			XM	62.100
PHASE/HZ	3/60	WK2 (lb-ft2)	1.4				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

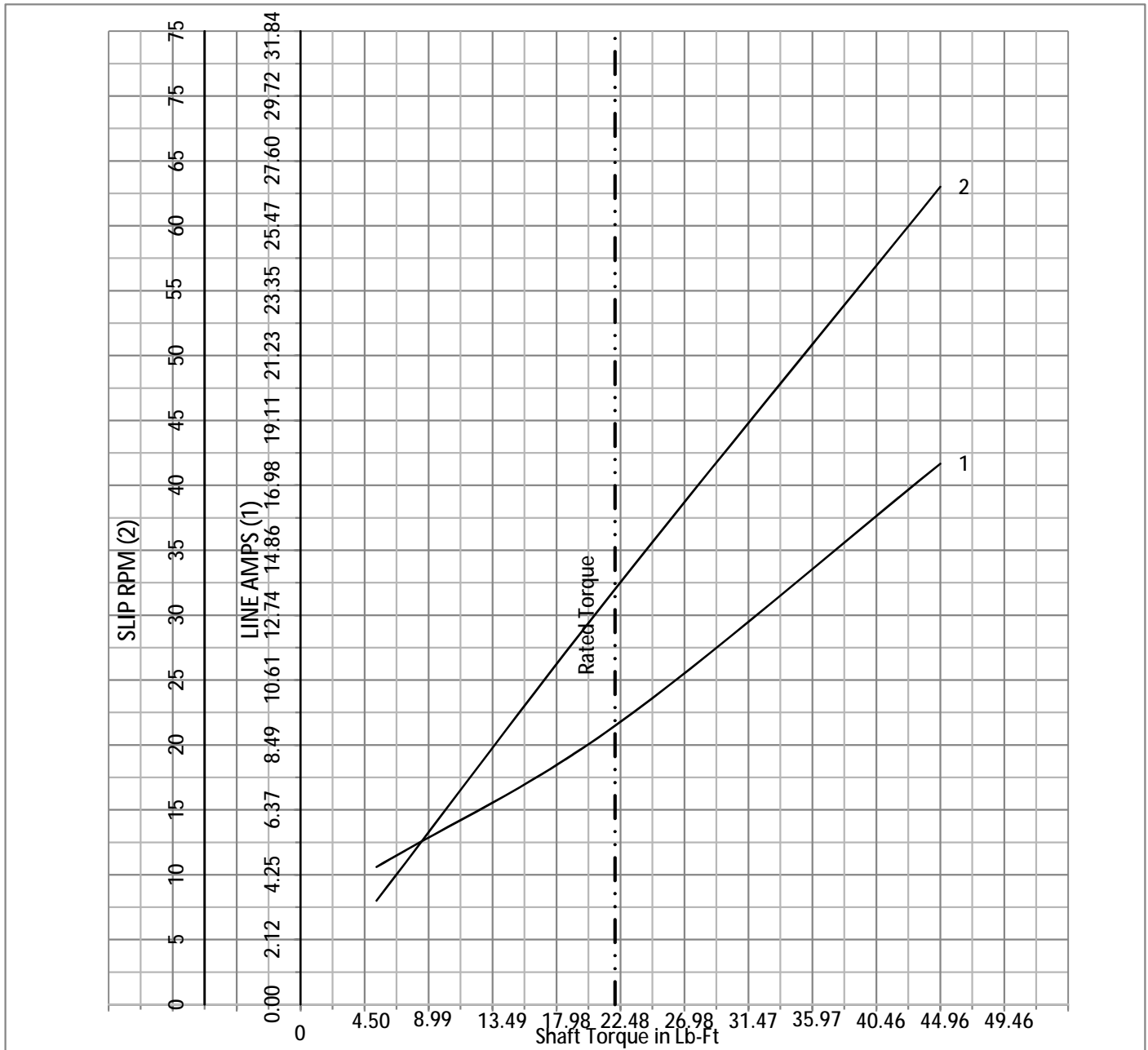


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A-C MOTOR **09WGT341**
 PERFORMANCE
 CURVES

NP VOLTS	230/460	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	18.2/9.1	Base Volt	460	R1	0.654	X1	2.120
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BASE SPEED	1765	Slips (Hz)	1.07			XM	62.100
PHASE/HZ	3/60	WK2 (lb-ft ²)	1.4				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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