

NP VOLTS	575	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	14.6	Base Volt	575	R1	0.457	X1	1.770
HP	15HP	NL AMPS	6.1	R2	0.372	X2	2.090
BASE SPEED	1765	Slips (Hz)	1.17			XM	52.900
PHASE/HZ	3/60	WK ² (lb-ft ²)	1.92				

Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1765	15.0	44.5	575	60	14.6
Max Speed	2646	15.0	29.7	575	90	13.9
Min Speed	0	0.0	44.5	32.31	1.17	14.6

Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	575	60	6.1
1/4	1791	3.7	10.8	575	60	6.9
1/2	1783	7.5	22.1	575	60	8.8
3/4	1774	11.3	33.3	575	60	11.6
Full Load	1765	15.0	44.5	575	60	14.6
O/L	1730	29.9	90.8	575	60	29.1

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

Remarks: Calculated Data
Vector PWM Inverter Duty

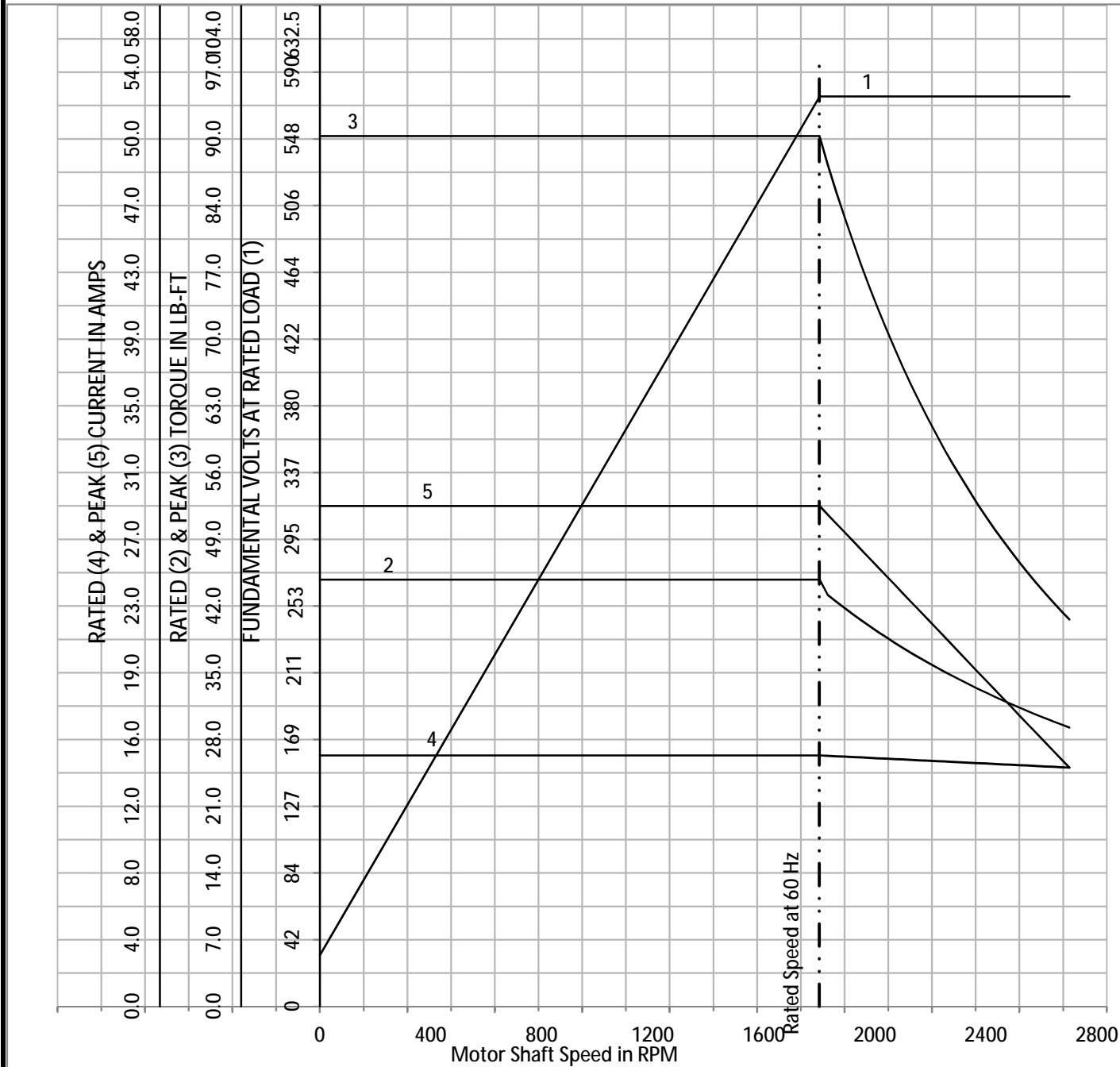


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 CURVES

NP VOLTS	575	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	14.6	Base Volt	575	R1	0.457	X1	1.770
HP	15HP	NL AMPS	6.05	R2	0.372	X2	2.090
BASE SPEED	1765	Slips (Hz)	1.17			XM	52.900
PHASE/HZ	3/60	WK2 (lb-ft2)	1.92				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

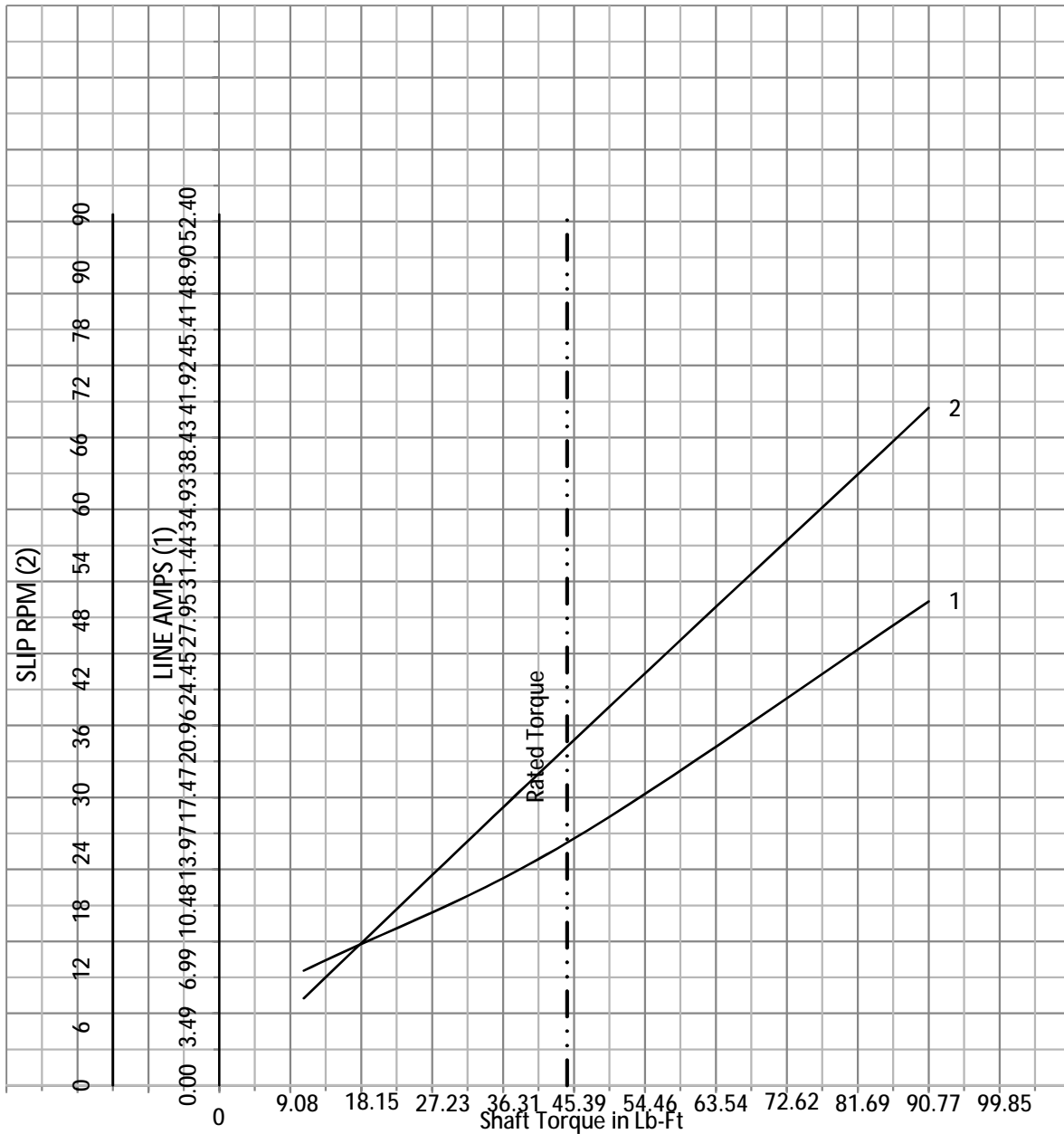


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A-C MOTOR **09WGT124**
 PERFORMANCE
 CURVES

NP VOLTS	575	MAX SAFE RPM	5000	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	14.6	Base Volt	575	R1	0.457	X1	1.770
HP	15HP	NL AMPS	6.05	R2	0.372	X2	2.090
BASE SPEED	1765	Slips (Hz)	1.17			XM	52.900
PHASE/HZ	3/60	WK2 (lb-ft ²)	1.92				

Vector PWM Inverter Duty
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only



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09WGT124