

NP VOLTS	230/460	MAX SAFE RPM	2700	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	8.6/4.3	Base Volt	460	R1	1.900	X1	5.040
HP	3HP	NL AMPS	2.5	R2	1.350	X2	4.290
BASE SPEED	1760	Slips	0.87			XM	112.000
PHASE/HZ	3/60	WK <sup>2</sup> (lb-ft <sup>2</sup> )	0.326				

### Rated Full Load Data

	RPM	HP	Torque	Volts	Freq-Hz	Amps
Base Speed	1765	3.0	9.0	460	60	4.3
Max Speed	2647	3.0	6.0	460	90	3.9
Min Speed	0	0.0	9.0	32.46	0.87	4.3

### Load Performance at Base Speed

	RPM	HP	Torque	Volts	Freq-Hz	Amps
No Load	1799	0.0	0.0	460	60	2.5
1/4	1791	0.8	2.3	460	60	2.7
1/2	1783	1.5	4.5	460	60	3.0
3/4	1774	2.3	6.7	460	60	3.6
Full Load	1765	3.0	9.0	460	60	4.3
O/L	1726	6.0	18.3	460	60	7.9

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

Remarks: Calculated Data  
Vector PWM Inverter Duty



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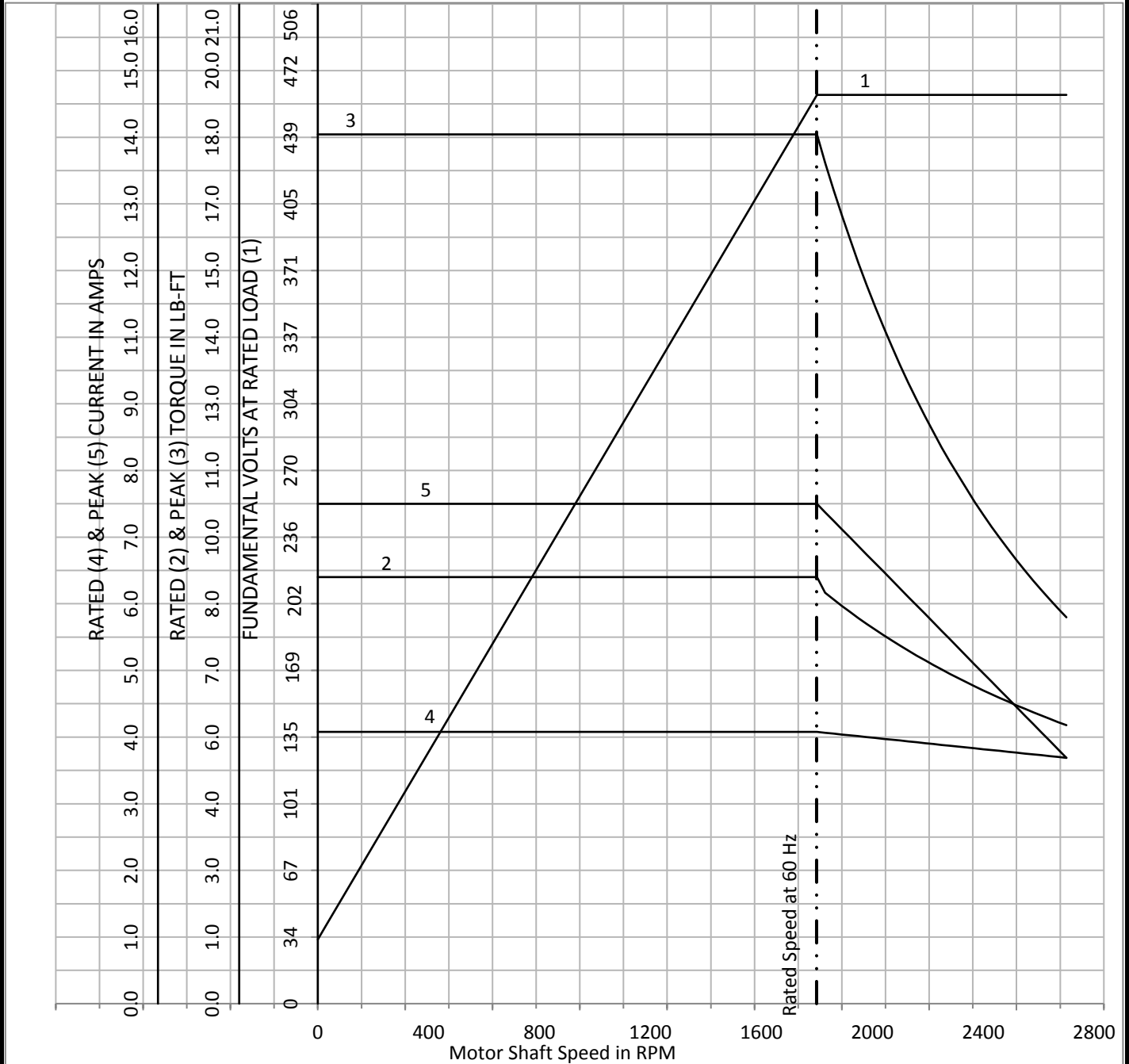
**A-C MOTOR** **06WGX370**  
**PERFORMANCE**  
**CURVES**

NP VOLTS 230/460  
 NP AMPS 8.6/4.3  
 HP 3HP  
 BASE SPEED 1760  
 PHASE/HZ 3/60

MAX SAFE RPM 2700  
 Base Volt 460  
 NL AMPS 2.47  
 Slips 0.87  
 WK2 (lb-ft) 0.326

WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)  
 R1 1.900 X1 5.040  
 R2 1.350 X2 4.290  
 XM 112.000

Vector PWM Inverter Duty  
 Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

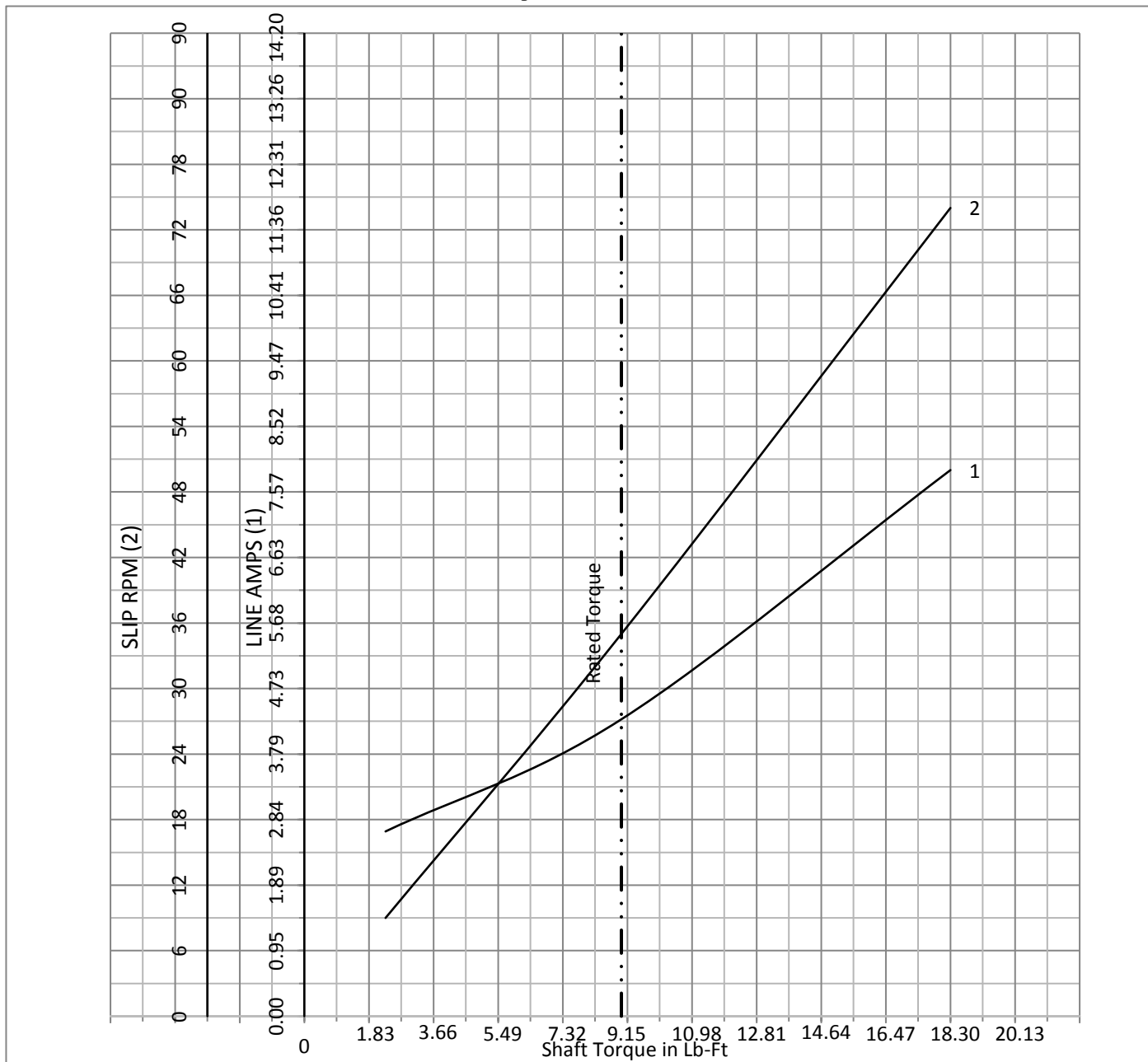


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**A-C MOTOR**  
**PERFORMANCE**  
**CURVES**  
**06WGX370**

NP VOLTS	230/460	MAX SAFE RPM	2700	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
NP AMPS	8.6/4.3	Base Volt	460	R1	1.900	X1	5.040
HP	3HP	NL AMPS	2.47	R2	1.350	X2	4.290
BASE SPEED	1760	Slips	0.87			XM	112.000
PHASE/HZ	3/60	WK2 (lb-ft <sup>2</sup> )	0.326				

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** 06WGX370  
**PERFORMANCE**  
**CURVES**